

SN	Article Title	Authors Name	UOG Author(s)	Journal Name	Category	Department	Impact factor
1	Optimization of cell suspension culture of transformed and untransformed lettuce for the enhanced production of secondary metabolites and their pharmaceutical evaluation	Ismail, Hammad; Kayani, Sania Sabahat; Kayani, Sadaf Ilyas; Mirza, Bushra; Waheed, Mohammad Tahir	Hammad Ismail	3 BIOTECH	JCR	Biochemistry & Biotechnology	1.798
2	Plasma Biomarkers: Potent Screeners of Alzheimer's Disease	Naveed, Muhammad; Mubeen, Shamsa; Khan, Abeer; Ibrahim, Sehrish; Meer, Bisma	Shamsa Mubeen, Abeer Khan, Sehrish Ibrahim, Bisma Meer	AMERICAN JOURNAL OF ALZHEIMERS DISEASE AND OTHER DEMENTIAS	JCR	Biochemistry & Biotechnology	1.544
3	First report on implementation of response surface methodology for the biodegradation of textile industrial effluents by <i>Coniophora puteana</i> IEBL-1	Mahmood, Raja T.; Asad, Muhammad J.; Asgher, Muhammad; Zainab, Tayyaba; Zafar, Mudassar; Hadri, Saqib H.; Ali, Imran; Zaman, Nasib; Wattoo, Feroza H.	Mudassar Zafar	ARCHIVES OF ENVIRONMENTAL PROTECTION	JCR	Biochemistry & Biotechnology	1.775
4	OPTIMIZATION OF CULTURAL PARAMETERS FOR PECTIN METHYLESTRASE AND POLYGALACTURONASE PRODUCTION FROM SCHIZOPHYLLUM COMMUNE IN SOLID STATE FERMENTATION	Mehmood, Tahir; Saman, Tasmia; Asgher, Muhammad; Irfan, Muhammad; Anwar, Zahid; Nadeem, Fareeha; Siddiq, Ayesha	Zahid Anwar, Fareeha Nadeem, Ayesha Siddiq	BANGLADESH JOURNAL OF BOTANY	JCR	Biochemistry & Biotechnology	0.209
5	Effect of expression of additional catalytic domain on characteristics of Xylanase Z of <i>Clostridium thermocellum</i>	Khan, Muhammad Imran Mahmood; Zafar, Muddassar; Anwar, Zahid; Imran, Muhammad	Muddassar Zafar, Zahid Anwar	BIOLOGIA	JCR	Biochemistry & Biotechnology	0.811
6	Enhanced Production of Cellulase by <i>Escherichia coli</i> Engineered with UV-mutated Cellulase Gene from <i>Aspergillus niger</i> UVMT-1	Daud, Qurat-ul-ain; Hamid, Zara; Sadiq, Tayyaba; Abbas, Asif; Hadri, Saqib Hussain; Shah, Shahzad Hussain; Khan, Muhammad Imran Mehmood; Asghar, Muhammad; Zafar, Muddassar	Saqib Hussain Hadri, Shahzad Hussain Shah	BIORESOURCES	JCR	Biochemistry & Biotechnology	1.409
7	Characterization of a Novel Thermophilic Endopolygalacturonase Produced by <i>Bacillus licheniformis</i> IEB-8	Hadri, Saqib Hussain; Asad, Muhammad Javaid; Hyder, Muhammad Zeeshan; Naqvi, Syed Muhammad Saqlan; Mukhtar, Tariq; Zafar, Muddassar; Shah, Shahzad Hussain; Mehmood, Raja Tahir; Wu, J. H. David	Saqib Hussain Hadri, Muddassar Zafar, Shahzad Hussain Shah	BIORESOURCES	JCR	Biochemistry & Biotechnology	1.409
8	Structural and Functional Annotation of Conserved Virulent Hypothetical Proteins in <i>Chlamydia Trachomatis</i> : An In-Silica Approach	Naveed, Muhammad; Mehboob, Muhammad Zubair; Hussain, Aadil; Ikram, Khadija; Talat, Attha; Zeeshan, Nadia	Nadia Zeeshan	CURRENT BIOINFORMATICS	JCR	Biochemistry & Biotechnology	2.068
9	BIORECOVERY OF METAL IONS FROM BROWN SHALE USING ORTHOGONAL EXPERIMENTAL ARRAY DESIGN	Anjum, Fozia; Bukhari, Shazia Anwer; Munir, Hira; Shahid, Muhammad; Gavris, Claudia; Varga, Ioana	Hira Munir	ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL	JCR	Biochemistry & Biotechnology	1.306
10	Engineering of serine protease for improved thermostability and catalytic activity using rational design	Ashraf, Naeem Mahmood; Krishnagopal, Akshaya; Hussain, Aadil; Kastner, David; Sayed, Ahmed Mahmoud Mohammed; Mok, Yu-Keung; Swaminathan, Kunchithapadam; Zeeshan, Nadia	Naeem Mahmood Ashraf, Nadia Zeeshan	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	JCR	Biochemistry & Biotechnology	5.162
11	Natural Product Mediated Regulation of Death Receptors and Intracellular Machinery: Fresh from the Pipeline about TRAIL-Mediated Signaling and Natural TRAIL Sensitizers	Shahwar, Durray; Iqbal, Muhammad Javed; Nisa, Mehr-un; Todorovska, Milica; Attar, Rukset; Sabitaliyevich, Uteuliyev Yerzhan; Farooqi, Ammad Ahmad; Ahmad, Aamir; Xu, Baojun	Muhammad Javed Iqbal	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	JCR	Biochemistry & Biotechnology	4.556
12	Beta-Glucosidase Production Optimization from Newly Isolated <i>Aspergillus tubingensis</i> IMMIS2 Using Taguchi Statistical Design	Imran, Muhammad; Hussain, Ali; Anwar, Zahid; Irshad, Muhammad; Jabeen, Faiza	Muhammad Imran, Zahid Anwar, Muhammad Irshad	IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY TRANSACTION A-SCIENCE	JCR	Biochemistry & Biotechnology	0.875
13	Synthesis, DNA Binding Affinity, Molecular Docking Study and Antitumor Activity of Cu(II), Pd(II) and Zn(II) Metal Complexes of Benzimidazole Schiff Base Ligand	Mahmood, Khalid; Akhter, Zareen; Mirza, Bushra; Ismail, Hammad; Liaqat, Faroha; Kalsoom, Saima; Ashraf, Ahmad Raza; Qayyum, Muhammad Abdul	Hammad Ismail	JOURNAL OF THE CHEMICAL SOCIETY OF PAKISTAN	JCR	Biochemistry & Biotechnology	0.3
14	Restraining the multidrug efflux transporter STY4874 of <i>Salmonella Typhi</i> by reserpine and plant extracts	Tariq, A.; Sana, M.; Shaheen, A.; Ismat, F.; Mahboob, S.; Rauf, W.; Mirza, O.; Iqbal, M.; Rahman, M.	Aqsa Shaheen	LETTERS IN APPLIED MICROBIOLOGY	JCR	Biochemistry & Biotechnology	2.173

15	Antibacterial potential of biomaterial derived nanoparticles for drug delivery application	Qurat-ul Ain; Munir, Hira; Jelani, Faryal; Anjum, Foza; Bilal, Muhammad	Hira Munir	MATERIALS RESEARCH EXPRESS	JCR	Biochemistry & Biotechnology	1.929
16	Synthesis of Bombax malabaricum gum based silver and zinc nanoparticles and their application in controlled drug delivery	Ullah, Ali Asad; Munir, Hira; Shahid, Muhammad	Hira Munir	MATERIALS RESEARCH EXPRESS	JCR	Biochemistry & Biotechnology	1.929
17	Mimosa pudica gum based nanoparticles development, characterization, and evaluation for their mutagenicity, cytotoxicity and antimicrobial activity	Mumtaz, Asima; Munir, Hira; Zubair, Muhammad Talha; Arif, Muhammad Hamza	Hira Munir	MATERIALS RESEARCH EXPRESS	JCR	Biochemistry & Biotechnology	1.929
18	The Health Promoting Bioactivities of Lactuca sativa can be Enhanced by Genetic Modulation of Plant Secondary Metabolites	Ismail, Hammad; Gillespie, Anna L.; Calderwood, Danielle; Iqbal, Haroon; Gallagher, Colene; Chevallier, Olivier P.; Elliott, Christopher T.; Pan, Xiaobei; Mirza, Bushra; Green, Brian D.	Hammad Ismail	METABOLITES	JCR	Biochemistry & Biotechnology	4.097
19	Prediction of epitopes of Neisseria Gonorrhoeae against USA human leukocyte antigen background: An immunoinformatic approach towards development of future vaccines for USA population	Mahmood, Malik Siddique; Asad-Ullah, Muhammad; Batool, Hina; Batool, Sana; Ashraf, Naeem Mehmood	Naeem Mahmood Ashraf	MOLECULAR AND CELLULAR PROBES	JCR	Biochemistry & Biotechnology	1.951
20	Reserpine Is the New Addition into the Repertoire of AcrB Efflux Pump Inhibitors (vol 53, pg 596, 2019)	Shaheen, A.; Afridi, W. A.; Mahboob, S.; Sana, M.; Zeeshan, N.; Ismat, F.; Mirza, O.; Iqbal, M.; Rahman, M.	Aqsa Shaheen, Nadia Zeeshan	MOLECULAR BIOLOGY	JCR	Biochemistry & Biotechnology	1.023
21	Reserpine Is the New Addition into the Repertoire of AcrB Efflux Pump Inhibitors	Shaheen, A.; Afridi, W. A.; Mahboob, S.; Sana, M.; Zeeshan, N.; Ismat, F.; Mirza, O.; Iqbal, M.; Rahman, M.	Aqsa Shaheen, Nadia Zeeshan	MOLECULAR BIOLOGY	JCR	Biochemistry & Biotechnology	1.023
22	Characterization of recombinant endo-1,4-beta-xylanase of Bacillus halodurans C-125 and rational identification of hot spot amino acid residues responsible for enhancing thermostability by an in-silico approach	Mahmood, Malik Siddique; Rasul, Faiz; Saleem, Mahjabeen; Afroz, Amber; Malik, Muhammad Faheem; Ashraf, Naeem Mehmood; Rashid, Umar; Naz, Shumaila; Zeeshan, Nadia	Amber Afroz, Naeem Mehmood Ashraf, Umar Rashid, Nadia Zeeshan	MOLECULAR BIOLOGY REPORTS	JCR	Biochemistry & Biotechnology	1.402
23	Caveolin-1 and dynamin-2 overexpression is associated with the progression of bladder cancer	Raja, Sadaf Azad; Shah, Syed Tahir Abbas; Tariq, Aamira; Bibi, Nazia; Sughra, Kalsoom; Yousuf, Arzu; Khawaja, Athar; Nawaz, Muhammad; Mehmood, Arshad; Khan, Muhammad Jadoon; Hussain, Alamdar	Kalsoom Sughra	ONCOLOGY LETTERS	JCR	Biochemistry & Biotechnology	2.311
24	Homotypic Clusters of Transcription Factor Binding Sites in the First Large Intron of AGL24 MADS-Box Transcription Factor Are Recruited in the Enhancement of Floral Expression	Hussain, Tajammul; Rehman, Nazia; Inam, Safeena; Ajmal, Wajya; Afroz, Amber; Muhammad, Aish; Zafar, Yusuf; Ali, Ghulam Muhammad; Khan, Muhammad Ramzan	Amber Afroz	PLANT MOLECULAR BIOLOGY REPORTER	JCR	Biochemistry & Biotechnology	1.336
25	Mixed-Ligand Cu(II) Carboxylates: Synthesis, Crystal Structure, FTIR, DNA Binding, Antidiabetic, and Anti-Alzheimer's Studies	Mushtaq, Afifa; Ali, Saqib; Tahir, Muhammad Nawaz; Haider, Ali; Ismail, Hammad; Iqbal, Muhammad	Hammad Ismail	RUSSIAN JOURNAL OF INORGANIC CHEMISTRY	JCR	biochemistry & biotechnology	0.94
26	Data-mining approach for screening of rare genetic elements associated with predisposition of prostate cancer in South-Asian populations	Mehboob, Muhammad Zubair; Hamid, Arslan; Mushtaq, Nada; Batool, Sana; Batool, Hina; Zeeshan, Nadia; Ali, Muhammad; Sughra, Kalsoom; Ashraf, Naeem Mahmood	Nadia Zeeshan, Kalsoom sughra, Naeem Mehmood Ashraf	TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI	JCR	Biochemistry & Biotechnology	0.373
27	A novel avian isolate of hepatitis E virus from Pakistan	Iqbal, Tahir; Rashid, Umer; Idrees, Muhammad; Afroz, Amber; Kamili, Saleem; Purdy, Michael A.	Umer Rashid, Amber Afroz	VIROLOGY JOURNAL	JCR	Biochemistry & Biotechnology	2.579
28	Optimization of Fermentation and Production of Antimicrobial Agents as Secondary Metabolites from an Indigenous Aspergillus niger	Fizza Anwar, Muddassar Zafar, Zahid Anwar, Raja Tahir Mehmood	Muddassar Zafar, Zahid Anwar	Punjab University Journal of Zoology	Zoological Record	Biochemistry & Biotechnology	N/A
29	Antioxidant, analgesic and anti-inflammatory activities of in vitro and field-grown Iceberg lettuce extracts	Iqra Younus, Hammad Ismail, Chahat Batool Rizvi, Erum Dilshad, Kiran Saba, Bushra Mirza, Mohammad Tahir Waheed	Hammad Ismail	Journal of Pharmacy & Pharmacognosy Research	ESCI	Biochemistry & Biotechnology	N/A

30	Role of genes enhance content of artemisinin and other secondary metabolites in Shennong hybrid of <i>Artemisia annua</i>	Sara Zafar, Erum Dilshad, Hammad Ismail, Chahat Batool Rizvi, Bushra Mirza	Hammad Ismail	Chinese Herbal Medicines	ESCI	Biochemistry & Biotechnology	N/A
31	Optimization of process variables for enhanced production of urease by indigenous <i>Aspergillus niger</i> strains through response surface methodology	Yasir Mehmood Khan, Hira Munir, Zahid Anwar	Hira Munir, Zahid Anwar	Biocatalysis and Agricultural Biotechnology	ESCI	Biochemistry & Biotechnology	N/A
32	Antimicrobial, cytotoxicity, mutagenicity and anti-epileptic potential of ethanol extracts of a multipurpose medicinal plant <i>Dalbergia sissoo</i>	Faiza Abdul Majeed, Hira Munir, Robina Rashid, Muhammad Talha Zubair	Hira Munir, Robina Rashid	Biocatalysis and Agricultural Biotechnology	ESCI	Biochemistry & Biotechnology, NSMC	N/A
33	Dietary Habits and Prevalence of Underweight/ Obesity in Students of University of Gujrat, Pakistan	Muhammad Irfan, Muhammad Jabbar, Shahzeb Hameed	Muhammad Irfan, Muhammad Jabbar	Journal of Liaquat University of Medical and Health Sciences	Y	Biochemistry & Biotechnology, Statistics	N/A
34	Molecular Detection of Hepatitis E Virus in Layer Chickens: A Possible Public Health Risk in Pakistan	Iqbal, Tahir; Rashid, Umer; Shahzad, Naveed; Afroz, Amber; Malik, Muhammad Faheem; Idrees, Muhammad	Umer Rashid, Amber Afroz, Dr faheem Malik	PAKISTAN JOURNAL OF ZOOLOGY	JCR	Biochemistry & Biotechnology, Zoology	0.79
35	Synthesis, DNA binding and antibacterial activity of metal(II) complexes of a benzimidazole Schiff base	Khalid Mahmood, Waleed Hashmi, Hammad Ismail, Bushra Mirza, Brendan Twamley, Zareen Akhter, Isabel Rozas, Robert J. Bakerd	Hammad Ismail	Polyhedron	JCR	biochemistry & biotechnology	2.343
36	AGROBACTERIUM-MEDIATED GENE TRANSFORMATION OF POLLEN SPECIFIC GENE STK1 IN MAIZE ( <i>ZEA MAYS</i> )	Javeed, A.; Wu, S.; Huang, S.; Ahmed, M.; Sikandar, A.; Iqbal, M. F.; Dogar, U. F.; Zhang, C.; Chen, M.; Liu, C.; Hussain, K.; Feng, L.	Khalid Hussain	APPLIED ECOLOGY AND ENVIRONMENTAL RESEARCH	JCR	Botany	0.712
37	TRADITIONAL KNOWLEDGE BASED INVENTORY OF WILD PLANTS OF WATALA NATIONAL PARK AND ALLIED VILLAGES FROM BHIMBER DISTRICT, AZAD JAMMU AND KASHMIR, PAKISTAN	Mehwish, M.; Ajaib, M.; Hayat, Khizar B.; Ishtiaq, M.; Humaira, K.; Tanveer, H.; Ghani, A.; Waheeda, M.	Khizar Hayat Bhatti	APPLIED ECOLOGY AND ENVIRONMENTAL RESEARCH	JCR	Botany	0.712
38	GENETIC DIVERSITY AND RELATIONSHIPS AMONG 15 SPECIES OF IRIS BASED ON AMPLIFIED FRAGMENT LENGTH POLYMORPHISM MARKERS	Xu, Y. F.; Hussain, K.; Yan, X. F.; Chen, X. H.; Shao, M. N.; Guan, P.; Qu, B.	Khalid Hussain	APPLIED ECOLOGY AND ENVIRONMENTAL RESEARCH	JCR	Botany	0.712
39	RESEARCH ON THE EXPRESSION OF SUCROSE SYNTHASE GENE IN SWEET SORGHUM	Gao, H. C.; Hussain, K.; Pang, H. B.; Li, X. M.; Ma, L. J.; Wang, L. L.; Zhang, Y.; Wu, S. W.; Li, Y. Y.	Khalid Hussain	APPLIED ECOLOGY AND ENVIRONMENTAL RESEARCH	JCR	Botany	0.712
40	ANTIBACTERIAL AND ANTIOXIDANT ACTIVITIES OF <i>AGARICUS BISPORUS</i> (JE LANGE) IMBACH FROM PAKISTAN	Waqas, Hafiz Muhammad; Akbar, Muhammad; Iqbal, Muhammad Sajjad	Muhammad Akbar, Muhammad Sajjad Iqbal	BANGLADESH JOURNAL OF BOTANY	JCR	Botany	0.209
41	GENETIC VARIATION AND PATH ANALYSIS FOR YIELD AND OTHER AGRONOMIC TRAITS IN <i>NIGELLA SATIVA</i> L. GERMPLOASM	Iqbal, Muhammad Sajjad; Ghafoor, Abdul; Akbar, Muhammad; Akhtar, Shamim; Fatima, Sammer; Siddqui, Ejaz Hussain	Muhammad Sajjad Iqbal, Muhammad Akbar, Shamim Akhtar, Sammer Fatima, Ejaz Hussain Siddqui	BANGLADESH JOURNAL OF BOTANY	JCR	Botany	0.209
42	Evaluation of Potential Toxic Metals Accumulation in Wheat Irrigated with Wastewater	Ahmad, Kafeel; Wajid, Kinza; Khan, Zafar Iqbal; Ugulu, Ilker; Memoona, Hafsa; Sana, Madiha; Nawaz, Khalid; Malik, Ifra Saleem; Bashir, Humayun; Sher, Muhammad	Khalid Nawaz	BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY	JCR	Botany	1.657
43	Toxicological potential of cobalt in forage for ruminants grown in polluted soil: a health risk assessment from trace metal pollution for livestock	Khan, Zafar Iqbal; Arshad, Nimra; Ahmad, Kafeel; Nadeem, Muhammad; Ashfaq, Asma; Wajid, Kinza; Bashir, Humayun; Munir, Mudrasra; Huma, Bushra; Memoona, Hafsa; Sana, Madiha; Nawaz, Khalid; Sher, Muhammad; Abbas, Taswar; Ugulu, Ilker	Khalid Nawaz	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	JCR	Botany	3.056
44	VEGETATION STRUCTURE AND SPECIES DIVERSITY ALONG ALTITUDINAL GRADIENT OF MOIST TEMPERATE FOREST OF LASDANA, BAGH, AZAD KASHMIR ANALYZED THROUGH ORDINATION TECHNIQUES	Niaz, Taiba; Amjad, Muhammad Shoaib; Chaudhari, Sunbal Khalil; Fatima, Sammer; Kahn, Samiullah; Malik, Nafeesa Zahid; Noshad, Qumqum; Shabir, Sumera	Sammer Fatima	FRESENIUS ENVIRONMENTAL BULLETIN	JCR	Botany	0.553

45	LINKAGE DISEQUILLIBRIUM AND ASSOCIATION MAPPING OF DROUGHT TOLERANCE IN HEXAPLOID WHEAT GERMPLOSM AT PRE-ANTHESIS STAGE	Sunbal Khalil Chaudhari, Muhammad Arshad, Muhammad Shoaib Amjad, Sammer Fatima, Atifa Masood, Muhammad Iqba, Mubashir Hussain, Iqra Munir	Sammer Fatima	Fresenius Environmental Bulletin	JCR	Botany	0.553
46	Screening Mungbean Germplasm for Salt Tolerance using Growth Indices and Physiological Parameters	Nawaz, Maria; Khan, Ameer; Ashraf, Muhammad Yasin	Maria Nawaz	INTERNATIONAL JOURNAL OF AGRICULTURE AND BIOLOGY	JCR	Botany	0.822
47	Isolation of natural herbicidal compound from Lantana camara	Qureshi, Huma; Anwar, Tauseef; Ali, Qasim; Haider, Zulqurnain; Habib, Noman; Fatima, Sammer; Waseem, Muhammad; Bibi, Yamin; Arshad, Muhammad; Adkins, Steve William	Sammer Fatima	INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY	JCR	Botany	1.431
48	Action Mechanism of Streptomyces diastatochromogenes KX852460 Against Rhizoctonia solani AG-3 Involving Basidiospores Suppression and Oxidative Damage	Ahsan, Taswar; Chen, Jianguang; Zhao, Xiuxiang; Irfan, Muhammad; Ishaq, Hina; Wu, Yuanhua	Hina Ishaq	IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY TRANSACTION A-SCIENCE	JCR	Botany	0.875
49	Effects of seed priming with plant growth-promoting rhizobacteria on wheat yield and soil properties under contrasting soils	Akbar, Muhammad; Aslam, Nazir; Khalil, Tayyaba; Akhtar, Shamim; Siddiqi, Ejaz Hussain; Iqbal, Muhammad Sajjad	M akbar, Tayyba Khalil, Shamim akhtar, Ejaz Hussain Siddiquie, m Sajjad Iqbal	JOURNAL OF PLANT NUTRITION	JCR	Botany	1.132
50	Liquiritin elicitation can increase the content of medicinally important glucosinolates and phenolic compounds in Chinese kale plants	Akram, Waheed; Saeed, Taiba; Ahmad, Aqeel; Yasin, Nasim A.; Akbar, Muhammad; Khan, Waheed U.; Ahmed, Shakeel; Guo, Juxian; Luo, Wenlong; Wu, Tingquan; Li, Guihua	Muhammad Akbar	JOURNAL OF THE SCIENCE OF FOOD AND AGRICULTURE	JCR	Botany	2.614
51	Foliar applications for amelioration of iron deficiency in peanut (Arachis hypogaea L.)	Akhtar, Shamim; Bangash, Nazneen; Shahzad, Armghan; Fatima, Sammer; Akbar, Muhammad; Iqbal, Muhammad Sajjad; Arshad, Muhammad; Fayyaz-Ul-Hassan	Shamim Akbar, Sammar Fatima, M Akbar, M sajjad Iqbal	LEGUME RESEARCH	JCR	Botany	0.531
52	COMPARISON OF FOLIAR AND SOIL APPLICATIONS FOR CORRECTION OF IRON DEFICIENCY IN PEANUT (ARACHIS HYPOGAEA L.)	Akhtar, Shamim; Bangash, Nazneen; Iqbal, Muhammad Sajjad; Shahzad, Armghan; Arshad, Muhammad; Fayyaz-Ul-Hassan	Shamim Akbar, M sajjad Iqbal	PAKISTAN JOURNAL OF BOTANY	JCR	Botany	0.8
53	MANAGEMENT OF ROOT ROT DISEASES OF EIGHT WHEAT VARIETIES USING RESISTANCE AND BIOLOGICAL CONTROL AGENTS TECHNIQUES	Ishtiaq, Muhammad; Hussain, Tanveer; Bhatti, Khizar Hayat; Adesemoye, Tony; Maqbool, Mehwish; Azam, Shehzad; Ghani, Abdul	Khizar Hayat Bhatti	PAKISTAN JOURNAL OF BOTANY	JCR	Botany	0.8
54	Biochemical and molecular characterization of catalase enzyme in the saprobic fungus: Sordaria fimicola	Ishfaq, Muhammad; Mahmood, Nasir; Akbar, Muhammad; Nasir, Idrees Ahmad; Saleem, Muhammad	Muhammad Akbar	PAKISTAN JOURNAL OF PHARMACEUTICAL SCIENCES	JCR	Botany	0.562
55	Uptake and Leaching of Cu, Cd, and Cr after EDTA Application in Sand Columns Using Sorghum and Pearl Millet	Firdaus-e-Bareen; Rafiq, Khadija; Shafiq, Muhammad; Nazir, Aisha	Khadija Shafeeq	POLISH JOURNAL OF ENVIRONMENTAL STUDIES	JCR	Botany	1.383
56	Reactive kinetics of carbon dioxide loaded aqueous blend of 2-amino-2-ethyl-1,3-propanediol and piperazine using a pressure drop method	Ullah, Sami; Suleman, Humbul; Tahir, Muhammad Suleman; Sagir, Muhammad; Muhammad, Shabbir; Al-Sehemi, Abdullah G.; Zafar, Masood-ur-Rauf; Kareem, Firas A. Abdul; Maulud, Abdulhalim Shah; Bustam, Mohamad Azmi	Muhammad Suleman Tahir, Muhammad Sagir	INTERNATIONAL JOURNAL OF CHEMICAL KINETICS	JCR	Chemical Engineering	1.531
57	Characteristically Insights, Artificial Neural Network (ANN), Equilibrium, and Kinetic Studies of Pb(II) Ion Adsorption on Rice Husks Treated with Nitric Acid	Ullah, Sami; Assiri, Mohammed Ali; Al-Sehemi, Abdullah Ghodran; Bustam, Mohamad Azmi; Sagir, Muhammad; Abdulkareem, Firas Ayad; Raza, Muhammad Rafi; Ayoub, Muhammad; Irfan, Ahmad	Muhammad Sagir	INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH	JCR	Chemical Engineering	2.007
58	Aerobic degradation of 2-and 3-fluoroaniline in mixed culture systems and microbial community analysis	Zhao, Zhi-Qing; Shen, Xiao-Li; Zheng, Tu-Cai; Lv, Liang; Su, Yao; Ghulam, Abbas	Ghulam Abbas	JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH PART A-TOXIC/HAZARDOUS SUBSTANCES & ENVIRONMENTAL ENGINEERING	JCR	Chemical Engineering	1.724

59	Facile, single-pot preparation of nanoporous SiO <sub>2</sub> particles (carrier) with AgNPs at core and crust for controlled disinfectant release	Haider, M. Salman; Shao, Godlisten; Ahmad, Ayyaz; Imran, S. Muhammad; Abbas, Nadir; Abbas, Ghulam; Hussain, Manwar; Kim, Hee Taik	M Salman Haidar, ghulam abas	JOURNAL OF SAUDI CHEMICAL SOCIETY	JCR	Chemical Engineering	3.517
60	Effect of various blended fuels on syngas quality and performance in catalytic co-gasification: A review	Inayat, Muddasser; Sulaiman, Shaharin A.; Kurnia, Jundika Candra; Shahbaz, Muhammad	Muhammad shahbaz	RENEWABLE & SUSTAINABLE ENERGY REVIEWS	JCR	Chemical Engineering	12.11
61	Artificial neural network approach for the steam gasification of palm oil waste using bottom ash and CaO	Shahbaz, Muhammad; Taqvi, Syed A.; Loy, Adrian Chun Minh; Inayat, Abrar; Uddin, Fahim; Bokhari, Awais; Naqvi, Salman Raza	M Shahbaz	RENEWABLE ENERGY	JCR	Chemical Engineering	6.247
62	Screening of acidic and alkaline pretreatments for walnut shell and corn stover biorefining using two way heterogeneity evaluation	Tan, Minghui; Ma, Liang; Rehman, Muhamamd Saif Ur; Ahmed, Muhammad Ajaz; Sajid, Muhammad; Xu, Xia; Sun, Yong; Cui, Ping; Xu, Jian	M sajid	RENEWABLE ENERGY	JCR	Chemical Engineering	6.247
63	Pyrolysis of high ash sewage sludge: Kinetics and thermodynamic analysis using Coats-Redfern method	Naqvi, Salman Raza; Tariq, Rumaisa; Hameed, Zeeshan; Ali, Imtiaz; Naqvi, Muhammad; Chen, Wei-Hsin; Ceylan, Selim; Rashid, Harith; Ahmad, Junaid; Taqvi, Syed A.; Shahbaz, Muhammad	Muhammad shahbaz	RENEWABLE ENERGY	JCR	Chemical Engineering	6.247
64	Improving the environmental impact of palm kernel shell through maximizing its production of hydrogen and syngas using advanced artificial intelligence	Rezk, Hegazy; Nassef, Ahmed M.; Inayat, Abrar; Sayede, Enas Taha; Shahbaz, Muhammad; Olabi, A. G.	Muhammad shahbaz	SCIENCE OF THE TOTAL ENVIRONMENT	JCR	Chemical Engineering	6.551
65	A holistic analysis of ANAMMOX process in response to salinity: From adaptation to collapse	Lu Hui Feng; Li Yiyu; Shan Xiaoyu; Abbas, Ghulam; Zeng Zhuo; Kang Da; Wang Yayi; Zheng Ping; Zhang Meng	Ghulam Abbas	SEPARATION AND PURIFICATION TECHNOLOGY	JCR	Chemical Engineering	5.774
66	Synergistic effect on co-pyrolysis of rice husk and sewage sludge by thermal behavior, kinetics, thermodynamic parameters and artificial neural network	Naqvi, Salman Raza; Hameed, Zeeshan; Tariq, Rumaisa; Taqvi, Syed A.; Ali, Imtiaz; Niazi, M. Bilal Khan; Noor, Tayyaba; Hussain, Arshad; Iqbal, Naseem; Shahbaz, M.	M Shahbaz	WASTE MANAGEMENT	JCR	Chemical Engineering	5.448
67	Evaluation of Inoculum Sources for Aerobic Treatment of 2,3,4-Trifluoroaniline During Start-up and Shock	Zhao, Zhi-Qing; Shen, Xiao-Li; Zheng, Tu-Cai; Abbas, Ghulam; Fan, Rui; Li, Yan-Mei	Ghulam Abbas	WATER AIR AND SOIL POLLUTION	JCR	Chemical Engineering	1.9
68	Photocatalytic degradation of ibuprofen in water using TiO <sub>2</sub> and ZnO under artificial UV and solar irradiation	Tanveer, Muhammad; Guyer, Gokce Tezcanli; Abbas, Ghulam	Ghulam Abbas	WATER ENVIRONMENT RESEARCH	JCR	Chemical Engineering	1.151
69	Template based chromium doped manganese oxide nanostructures: Hydrothermal synthesis and catalytic studies for the mild oxidation of organic compounds	Altaf, Ataf Ali; Badshah, Amin	Ataf Ali Altaf	AMERICAN CHEMICAL SOCIETY	JCR	Chemistry	14.612
70	NiO/NiS Heterostructures: An Efficient and Stable Electrocatalyst for Oxygen Evolution Reaction	Khan, Nadeem Asghar; Rashid, Naghmana; Junaid, Muhammad; Zafar, Muhammad Nadeem; Faheem, Muhammad; Ahmad, Iqbal	Muhammad Nadeem Zafar	ACS APPLIED ENERGY MATERIALS	JCR	Chemistry	4.473
71	Biological and structural studies of some new Schiff's bases: Computational and experimental approach	Altaf, Ataf Ali; Badshah, Amin	Ataf Ali Altaf	AMERICAN CHEMICAL SOCIETY	JCR	Chemistry	14.612
72	Densely substituted piperidines as a new class of elastase inhibitors: Synthesis and molecular modeling studies	Hamdani, Syeda S.; Khan, Bilal A.; Saeed, Aamer; Larik, Fayaz A.; Hameed, Shahid; Channar, Pervaiz A.; Ahmad, Khalil; Mughal, Ehsan Ullah; Abbas, Qamar; Amin, Noor Ul; Ghumro, Sarfaraz A.; Maitlo, Habibullah; Hassan, Mubashir; Raza, Hussain; Seo, Sung-Yum	Ehsan Ullah Mughal	ARCHIV DER PHARMAZIE	JCR	Chemistry	2.59
73	Flavonols and 4-thioflavonols as potential acetylcholinesterase and butyrylcholinesterase inhibitors: Synthesis, structure-activity relationship and molecular docking studies	Mughal, Ehsan Ullah; Sadiq, Amina; Ashraf, Jamshaid; Zafar, Muhammad Naveed; Sumrta, Sajjad Hussain; Tariq, Rubina; Mumtaz, Amara; Javid, Asif; Khan, Bilal Ahmad; Ali, Anser; Javed, Chaudhary Omer	Ehsan Ullah Mughal	BIOORGANIC CHEMISTRY	JCR	Chemistry	4.831

74	An efficient method for the synthesis of novel derivatives 4-{5-[4-(4-amino-5-mercapto-4H-[1,2,4]triazol-3-yl)-phenyl]-3-trifluoromethyl-pyrazol-1-yl}-benzenesulfonamide and their anti-inflammatory potential	Mustafa, Ghulam; Angeli, Andrea; Zia-ur-Rehman, Muhammad; Akbar, Nosheen; Ishtiaq, Saiqa; Supuran, Claudiu T.	Ghulam Mustafa	BIOORGANIC CHEMISTRY	JCR	Chemistry	4.831
75	Investigation of potent inhibitors of cholinesterase based on thiourea and pyrazoline derivatives: Synthesis, inhibition assay and molecular modeling studies	Mumtaz, Amara; Majeed, Abdul; Zaib, Sumera; Rahman, Shafiq Ur; Hameed, Saba; Saeed, Aamer; Rafique, Hummera; Mughal, Ehsanullah; Maalik, Aneela; Hussain, Izhar; Iqbal, Jamshed	Hummera Rafique, Ehsan Ullah Mughal	BIOORGANIC CHEMISTRY	JCR	Chemistry	4.831
76	Synthesis, antimicrobial, antioxidant, cytotoxic, antiurease and molecular docking studies of N-(3-trifluoromethyl)benzoyl-N <sup>1</sup> -aryl thiourea derivatives	Maalik, Aneela; Rahim, Hina; Saleem, Muhammad; Fatima, Nighat; Rauf, Abdur; Wadood, Abdul; Malik, Muhammad Imran; Ahmed, Ayaz; Rafique, Hummera; Zafar, Muhammad Naveed; Riaz, Muhammad; Rasheed, Lubna; Mumtaz, Amara	Hummera Rafique	BIOORGANIC CHEMISTRY	JCR	Chemistry	4.831
77	Exploring the electronic, optical and charge transfer properties of acene-based organic semiconductor materials	Irfan, Ahmad; Al-Sehemi, Abdullah G.; Assiri, Mohammed A.; Mumtaz, Muhammad Waseem	Muhammad Waseem Mumtaz	BULLETIN OF MATERIALS SCIENCE	JCR	Chemistry	1.392
78	Synthesis and characterization of silver loaded alumina and evaluation of its photo catalytic activity on photo degradation of methylene blue dye	Saeed, Muhammad; Muneer, Majid; Akram, Nadia; ul Haq, Atta; Afzal, Noshin; Hamayun, Muhammad	Muhammad Hamayun	CHEMICAL ENGINEERING RESEARCH & DESIGN	JCR	Chemistry	3.35
79	Counterion engineered surfactants for the novel synthesis of colloidal metal and bimetal oxide/SiO <sub>2</sub> materials with catalytic applications	Rehman, Attiq Ur; Khan, Safyan A.; Ali, Shahid; Nazar, M. Faizan; Shah, Afzal; Khan, Abdur Rahman; Khan, Asad M.	Muhammad Faizan Nazar	COLLOIDS AND SURFACES A-PHYSCOCHEMICAL AND ENGINEERING ASPECTS	JCR	Chemistry	3.99
80	Design, Synthesis, Crystal Structure, Fluorescence, Molecular Docking and DFT Studies of 3,6-Dinitro-N-octylcarbazole	Rafique, Hummera; Saeed, Aamer; Perveen, Fouzia; Kausar, Naghmana; Ashraf, Zaman; Akram, Sadia; Zafar, Muhammad Naveed; Tayyab, Muhammad; Floerke, Ulrich	Hummera Rafique, Naghmana Kausar	CURRENT ORGANIC CHEMISTRY	JCR	Chemistry	1.933
81	Laccase: An Environmental Benign Pretreatment Agent for Efficient Bioconversion of Lignocellulosic Residues to Bioethanol	Nawaz, Ali; Mukhtar, Hamid; ul Haq, Ikram; Mazhar, Zainab; Mumtaz, Muhammad Waseem	Muhammad Waseem Mumtaz	CURRENT ORGANIC CHEMISTRY	JCR	Chemistry	1.933
82	Synthesis, characterization and anti-cancer properties of water-soluble bis(PYE) pro-ligands and derived palladium(II) complexes	Zafar, Muhammad Naveed; Masood, Sara; Chaudhry, Gul-e-Saba; Muhammad, Tengku Sifzizul Tengku; Dalebrook, Andrew Francis; Nazar, Muhammad Faizan; Malik, Fouzia Perveen; Mughal, Ehsan Ullah; Wright, Leonard James	Muhammad Faizan Nazar, Ehsan Ullah Mughal	DALTON TRANSACTIONS	JCR	Chemistry	4.174
83	Dexibuprofen amide derivatives as potential anticancer agents: synthesis, in silico docking, bioevaluation, and molecular dynamic simulation	Ashraf, Zaman; Mahmood, Tariq; Hassan, Mubashir; Afzal, Samina; Rafique, Hummera; Afzal, Khurram; Latif, Jalifah	Hummera Rafique	DRUG DESIGN DEVELOPMENT AND THERAPY	JCR	Chemistry	3.216
84	An efficient and versatile membraneless bioanode for biofuel cells based on Corynascus thermophilus cellobiose dehydrogenase	Zafar, Muhammad Nadeem; Aslam, Iqra; Ludwig, Roland; Xu, Guobao; Gorton, Lo	Muhammad Nadeem Zafar	ELECTROCHIMICA ACTA	JCR	Chemistry	6.215
85	Detailed kinetics study of arsenate adsorption by a sequentially precipitated binary oxide of iron and silicon	Din, Salah Ud; Mahmood, Tahira; Naeem, Abdul; Hamayun, Muhammad; Shah, Noor S.	Muhammad Hamayun	ENVIRONMENTAL TECHNOLOGY	JCR	Chemistry	2.213
86	A novel iron modified montmorillonite composite and its enhanced performance for tetracycline hydrochloride adsorption	Yang, Wei; Guo, Sheng; Chen, Jinyi; Naeem, Abdul; Fida, Hussain; Hamayun, Muhammad	Muhammad Hamayun	FUNCTIONAL MATERIALS LETTERS	JCR	Chemistry	2
87	Purification of recombinant peroxidase from Thermobifida fusca IP1 for beta-carotene degradation into industrial flavouring agents	Perveen, I; Raza, M. A.; Sehar, S.; Naz, I; Ahmed, S.	Muhammad Asim Raza	INTERNATIONAL FOOD RESEARCH JOURNAL	JCR	Chemistry	0.61

88	Kinetic studies of graphene oxide towards the removal of rhodamine B and congo red	Sahar, Juma; Naeem, Abdul; Farooq, Muhammad; Zareen, Shah; Farida; Sherazi, Sonia	Sonia Sheraz	INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY	JCR	Chemistry	1.431
89	Synthesis, crystal structure, spectral and electrochemical characterization, DNA binding and free radical scavenging studies of ferrocene-based thioureas	Lal, Bhajan; Kanwal, Ammarah; Altaf, Ataf Ali; Badshah, Amin; Asghar, Faiza; Akhter, Sadia; Ullah, Shafiq; Khan, Syed Ishtiaq; Tahir, Muhammad Nawaz	Ataf Ali Altaf	JOURNAL OF COORDINATION CHEMISTRY	JCR	Chemistry	1.41
90	Synthesis, computational studies, tyrosinase inhibitory kinetics and antimelanogenic activity of hydroxy substituted 2-[(4-acetylphenyl)amino]-2-oxoethyl derivatives	Rafiq, Muhammad; Nazir, Yasir; Ashraf, Zaman; Rafique, Hummera; Afzal, Samina; Mumtaz, Amara; Hassan, Mubashir; Ali, Anser; Afzal, Khurram; Yousuf, Muhammad Rizwan; Saleem, Muhammad; Kotwica-Mojzycz, Katarzyna; Mojzycz, Mariusz	Hummera Rafique	JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY	JCR	Chemistry	4.673
91	Nigella sativa L. seed and seed oil: potential sources of high-value components for development of functional foods and nutraceuticals/pharmaceuticals	Mukhtar, Hamid; Qureshi, Aminah Suhail; Anwar, Farooq; Mumtaz, Muhammad Waseem; Marcu, Monica	Muhammad Waseem Mumtaz	JOURNAL OF ESSENTIAL OIL RESEARCH	JCR	Chemistry	1.148
92	Calotropis procera: UHPLC-QTOF-MS/MS based profiling of bioactives, antioxidant and anti-diabetic potential of leaf extracts and an insight into molecular docking	Nadeem, Muhammad; Mumtaz, Muhammad Waseem; Danish, Muhammad; Rashid, Umer; Mukhtar, Hamid; Anwar, Farooq; Raza, Syed Ali	Muhammad Nadeem Zafar, Muhammad Waseem Mumtaz, Muhammad Danish	JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION	JCR	Chemistry	1.648
93	Synthesis and characterization of MgO supported Fe-Co-Mn nanoparticles with exceptionally high adsorption capacity for Rhodamine B dye	Rahdar, Somayeh; Rahdar, Abbas; Zafar, Muhammad Nadeem; Shafqat, Syed Salmon; Ahmadi, Shahin	Muhammad Nadeem Zafar	JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T	JCR	Chemistry	5.289
94	Development of amino-functionalized silica nanoparticles for efficient and rapid removal of COD from pre-treated palm oil effluent	Shafqat, Syed Salman; Khan, Amir Azam; Zafar, Muhammad Nadeem; Alhaji, Mohammed Haji; Sanaullah, Khairuddin; Shafqat, Syed Rizwan; Murtaza, Shahzad; Pang, Suh Cem	Syed Salman Shafaqat, m Nadeem Zafar, Shahzad Murtaza	JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T	JCR	Chemistry	5.289
95	Effective adsorptive removal of azo dyes over spherical ZnO nanoparticles	Zafar, Muhammad Nadeem; Dar, Qamar; Nawaz, Faisal; Zafar, Muhammad Naeed; Iqbal, Munawar; Nazar, Muhammad Faizan	M Nadeem Zafar, M Faizan Nazar	JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T	JCR	Chemistry	5.289
96	Soft-templated fabrication of antihypertensive nano-Irbesartan: Structural and dissolution evaluation	Saleem, Muhammad Atif; Nazar, Muhammad Faizan; Siddique, Muhammad Yasir; Khan, Asad Muhammad; Ashfaq, Muhammad; Hussain, Syed Zajif; Khalid, Muhammad Rizwan; Yameen, Basit	M Faizan Nazar, M Ashfaq	JOURNAL OF MOLECULAR LIQUIDS	JCR	Chemistry	5.065
97	Surface modification of colloidal silica particles using cationic surfactant and the resulting adsorption of dyes	Khan, Asad M.; Shafiq, Farishta; Khan, Safyan A.; Ali, Shahid; Ismail, Bushra; Hakeem, Abbas Saeed; Rahdar, Abbas; Nazar, M. Faizan; Sayed, Murtaza; Khan, Abdur Rahman	M Faizan Nazar	JOURNAL OF MOLECULAR LIQUIDS	JCR	Chemistry	5.065
98	Designing of diamino based esterases inhibitors; synthesis, characterization, density functional theory and molecular modeling	Raza, Muhammad Asam; Fatima, Kiran; Saqib, Zenab; Maurin, Jan K.; Budzianowski, Armand	M Asam Raza	JOURNAL OF MOLECULAR STRUCTURE	JCR	Chemistry	2.463
99	Sulfonamide hybrid schiff bases of anthranilic acid: Synthesis, characterization and their biological potential	Kausar, Naghmana; Muratza, Shahzad; Raza, Muhammad Asam; Rafique, Hummera; Arshad, Muhammad Nadeem; Altaf, Ataf Ali; Asiri, Abdullah M.; Shafqat, Syed Salman; Shafqat, Syed Rizwan	Naghmana Kausar, shahzad Murtaza, m Asam Raza, Humera Rafique	JOURNAL OF MOLECULAR STRUCTURE	JCR	Chemistry	2.463
100	Antiradical, antimicrobial and enzyme inhibition evaluation of sulfonamide derived esters; synthesis, X-Ray analysis and DFT studies	Danish, Muhammad; Bibi, Ayesha; Gilani, Khola; Raza, Muhammad Asam; Ashfaq, Muhammad; Arshad, Muhammad Nadeem; Asiri, Abdullah Mohamed; Ayub, Khurshid	M Danish, M Asam Raza, M Ashfaq	JOURNAL OF MOLECULAR STRUCTURE	JCR	Chemistry	2.463
101	pH-Dependent Antibiotic Gatifloxacin Interacting with Cationic Surfactant: Insights from Spectroscopic and Chromatographic Measurements	Nazar, Muhammad Faizan; Azeem, Waqar; Kayani, Alina; Zubair, Muhammad; John, Peter; Mahmood, Asif; Ashfaq, Muhammad; Zafar, Muhammad Nadeem; Sumrra, Sajjad Hussain; Zafar, Muhammad Naveed	M Faizan Nazar, M Ashfaq, M Nadeem Zafar, Sajjad hussain Sumrra	JOURNAL OF SOLUTION CHEMISTRY	JCR	Chemistry	1.273

102	Differential functional theory and molecular docking studies of newly synthesized carbamates	Danish, Muhammad; Raza, Muhammad A.; Anwar, Uzma; Rashid, Umer; Ahmed, Zaheer	M Danish, M Asam Raza,	JOURNAL OF THE CHINESE CHEMICAL SOCIETY	JCR	Chemistry	1.554
103	Total Synthesis and Antibacterial Screening of (+/-)-6,8-Dihydroxy-3-undecyl-3,4-dihydroisochromen-1-one: A Structural Analogue of Metabolites from <i>Orionis natrix</i>	Rafique, Hummera; Saeed, Aamer; Mughal, Ehsan Ullah; Zafar, Muhammad Naveed; Mumtaz, Amara; Kausar, Naghmana; Hina, Kiran	Hummera rafique, ehsan ullah Mughal, Naghmana Kausar,	LETTERS IN DRUG DESIGN & DISCOVERY	JCR	Chemistry	1.169
104	Synthesis and Evaluation of Chalcone and its Derivatives as Potential Anticholinergic Agents	Murtaza, Shahzad; Mir, Khoula Zubair; Tatheer, Adina; Ullah, Raja Summe	Shahzad Murtaza	LETTERS IN DRUG DESIGN & DISCOVERY	JCR	Chemistry	1.169
105	Occurrence, seasonal variation and risk evaluation of selected endocrine disrupting compounds and their transformation products in Jiulong river and estuary, China	Ashfaq, Muhammad; Sun, Qian; Ma, Cong; Rashid, Azhar; Li, Yan; Mulla, Sikandar, I; Yu, Chang-Ping	Muhammad ashfaq	MARINE POLLUTION BULLETIN	JCR	Chemistry	4.049
106	Cytotoxicity, Pro-apoptotic Activity and In Silico Studies of Dithiocarbamates and their Structure Based Design and SAR Studies	Hamdani, Syeda S.; Khan, Bilal A.; Hameed, Shahid; Rashid, Faisal; Zaib, Sumera; Ahmed, Khalil; Mughal, Ehsan U.; Iqbal, Jamshed	Ehsan Ullah Mughal	MEDICINAL CHEMISTRY	JCR	Chemistry	2.577
107	EPS bound flavins driven mediated electron transfer in thermophilic <i>Geobacillus</i> sp.	Gurumurthy, Dummi Mahadevan; Bharagava, Ram Naresh; Kumar, Ashok; Singh, Bhaskar; Ashfaq, Muhammad; Saratale, Ganesh Dattatraya; Mulla, Sikandar I.	Muhammad ashfaq	MICROBIOLOGICAL RESEARCH	JCR	chemistry	3.97
108	Role of Pyridine Nitrogen in Palladium-Catalyzed Imine Hydrolysis: A Case Study of (E)-1-(3-bromothiophen-2-yl)-N-(4-methylpyridin-2-yl)methanimine	Ahmad, Gulraiz; Rasool, Nasir; Rizwan, Komal; Altaf, Ataf Ali; Rashid, Umer; Hussein, Mohd Zobir; Mahmood, Tariq; Ayub, Khurshid	Ataf Ali Altaf	MOLECULES	JCR	chemistry	3.267
109	Heteroleptic copper(i) halides with triphenylphosphine and acetylthiourea: synthesis, characterization and biological studies (experimental and molecular docking)	Khan, Syed Ishtiaq; Ahmad, Sajjad; Altaf, Ataf Ali; Rauf, Muhammad Khawar; Badshah, Amin; Azam, Syed Sikander; Tahir, Muhammad Nawaz	Ataf Ali Altaf	NEW JOURNAL OF CHEMISTRY	JCR	Chemistry	3.288
110	Chemical pretreatments of <i>Trapa bispinosa</i> 's peel (TBP) biosorbent to enhance adsorption capacity for Pb(II)	Zafar, Muhammad Nadeem; Saeed, Muzna; Nadeem, Raziya; Sumrra, Sajjad Hussain; Shafqat, Syed Salman; Qayyum, Muhammad Abdul	M nAdeem Zafar, Sajjad Hussain Sumrra	OPEN CHEMISTRY	JCR	Chemistry	1.216
111	Metabolite profiling of <i>Cycas revoluta</i> leaf extract and docking studies on alpha-glucosidase inhibitory molecular targets by phytochemicals	Arshad, Muhammad; Mumtaz, Muhammad Waseem; Chaudhary, Ayoub Rashid; Rashid, Umer; Ali, Mukhtar; Mukhtar, Hamid; Adnan, Ahmad; Raza, Syed Ali	M waseem Mumtaz	PAKISTAN JOURNAL OF PHARMACEUTICAL SCIENCES	JCR	chemistry	0.562
112	Antioxidant activity, alpha-glucosidase inhibition and phytochemical profiling of <i>Hyophorbe lagenicaulis</i> leaf extracts	William, James; John, Peter; Mumtaz, Muhammad Waseem; Ch, Ayoub Rashid; Adnan, Ahmad; Mukhtar, Hamid; Sharif, Shahzad; Raza, Syed Ali; Akhtar, Muhammad Tayyab	M waseem Mumtaz	PEERJ	JCR	chemistry	3.091
113	Non-crosslinked fluorinated copolymer particles stabilized Pickering high internal phase emulsion for fabrication of porous polymer monoliths	Azhar, Umair; Huo, Zhiyuan; Yaqub, Rimsha; Xu, Anhou; Zhang, Shuxiang; Geng, Bing	Rimsha Yaqoob	POLYMER	JCR	Chemistry	4.231
114	Impact of cerium oxide and cerium composite oxide as nano additives on the gaseous exhaust emission profile of waste cooking oil based biodiesel at full engine load conditions	Akram, Sadia; Mumtaz, Muhammad Waseem; Danish, Muhammad; Mukhtar, Hamid; Irfan, Ahmad; Raza, Syed Ali; Wang, Zhen; Arshad, Muhammad	M waseem Mumtaz, M Danish	RENEWABLE ENERGY	JCR	Chemistry	6.247
115	Synthesis, Characterization and Biological Activities of a Schiff Base Derived from 2-[(1,3-benzothiazol-2-yl)sulfanyl]-N-[4-(hydrazinecarbonyl)phenyl]acetamide and its Complexes with Mn(II), Co(II), Ni(II), Cu(II) and Zn(II) Ions	Gulzar, Aqsa; Mahmud, Tariq; Mitu, Liviu; Munir, Rubina; Imran, Muhammad; Iftikhar, Kiran	Kiran iftikhar	REVISTA DE CHIMIE	JCR	chemistry	1.755



116	Synthesis of new Pro-PYE ligands as co-catalysts toward Pd-catalyzed Heck-Mizoroki cross coupling reactions	Munir, Naima; Masood, Sara; Liaqat, Faroha; Tahir, Muhammad Nawaz; Yousuf, Sammer; Kalsoom, Saima; Mughal, Ehsan Ullah; Sumrra, Sajjad Hussain; Maalik, Aneela; Zafar, Muhammad Naveed	Ehsan Ullah Mughal, Sajjad Hussain sumrra	RSC ADVANCES	JCR	Chemistry	3.119
117	Tin(IV) Complexes with Salen Type Schiff Base: Synthesis, Spectroscopic Characterization, Crystal Structure, Antibacterial Screening and Cytotoxicity	Ali, S.; Ara, T.; Danish, M.; Shujah, S.; Slawin, A. M. Z.	M Danish	RUSSIAN JOURNAL OF COORDINATION CHEMISTRY	JCR	chemistry	0.973
118	Synthesis, Characterization, and Catalytic Activity of Heteroleptic Rhodium Complex for C-N Couplings	Zafar, M. N.; Perveen, Fouzia; Naz, A.; Mughal, Ehsan Ullah; Gul-e-Saba; Hina, K.	Ehsan Ullag Mughal	RUSSIAN JOURNAL OF COORDINATION CHEMISTRY	JCR	Chemistry	0.973
119	Zn(II) Complexes with Quinoline Supported Amidate Ligands: Synthesis, Fluorescence, and Catalytic Activity	Rehman, F.; Zafar, M. N.; Yousuf, S.; Nazar, M. F.; Mughal, E. U.; Malik, A.; Sumrra, S. H.; Zafar, M. N.; Rafique, H.	M Faizan Nazar, Ehsan Ullah Mughal, sajjad hussain sumrra, muhammad nadeem Zafar, humera Rafique	RUSSIAN JOURNAL OF GENERAL CHEMISTRY	JCR	chemistry	0.716
120	Occurrence, spatial variation and risk assessment of pharmaceuticals and personal care products in urban wastewater, canal surface water, and their sediments: A case study of Lahore, Pakistan	Ashfaq, Muhammad; Li, Yan; Rehman, Muhammad Saif Ur; Zubair, Muhammad; Mustafa, Ghulam; Nazar, Muhammad Faizan; Yu, Chang-Ping; Sun, Qian	M ashfaq, M Zubair, Ghulam Mustafa, M Faizan Nazar	SCIENCE OF THE TOTAL ENVIRONMENT	JCR	chemistry	6.551
121	Exploring the Effect of Electron Withdrawing Groups on Optoelectronic Properties of Pyrazole Derivatives as Efficient Donor and Acceptor Materials for Photovoltaic Devices	Irfan, Ahmad; Pannipara, Mehboobali; Al-sehemi, Abdullah G.; Mumtaz, Muhammad Waseem; Assiri, Mohammed A.; Chaudhry, Aijaz Rasool; Muhammad, Shabbir	M waseem mumtaz	ZEITSCHRIFT FUR PHYSIKALISCHE CHEMIE-INTERNATIONAL JOURNAL OF RESEARCH IN PHYSICAL CHEMISTRY & CHEMICAL PHYSICS	JCR	Chemistry	2.03
122	Ultrasonication-assisted extraction, antioxidant activity and $\alpha$ -amylase inhibition potential of vitexnegundo leaves	Muhammad Nadeem, Muhammad Waseem Mumtaz, Muhammad Danish	Muhammad Waseem Mumtaz, Muhammad Danish	Biologia	ESCI	Chemistry	N/A
123	Investigation of key contributors of CO2 emissions in extended STIRPAT model for newly industrialized countries: A dynamic common correlated estimator (DCCE) approach	Ghazali, Ahmad; Ali, Ghulam	Ghulam Ali	ENERGY REPORTS	JCR	Commerce	3.595
124	Factors influencing the community behavioral intention for adoption of Islamic banking Evidence from Pakistan	Maryam, Sayeda Zeenat; Mehmood, Mian Saqib; Khaliq, Chaudhry Abdul	Mian Saqib Mehmood	INTERNATIONAL JOURNAL OF ISLAMIC AND MIDDLE EASTERN FINANCE AND MANAGEMENT	JCR	Commerce	1.206
125	Flow-Performance relationship of Islamic Equity Funds of Pakistan	Muhammad Munir, Malik Muhammad Faisal, Mubashar Tanveer, Mohsin Altaf	Mubashar Tanveer	Al-Qalam	Y	Commerce	N/A
126	Relationship of Service Quality and Consumer Loyalty: Moderating Role of Consumer Perception of Public Relationship	Mohsin Altaf, Mubashar Tanveer, Faisal Mustafa, Naveed Mushtaq	Mubashar Tanveer	Paradigms	Y	Commerce	N/A
127	Social Profiling: A Review, Taxonomy, and Challenges	Bilal, Muhammad; Gani, Abdullah; Lali, Muhammad Ikram Ullah; Marjani, Mohsen; Malik, Nadia	Muhammad Ikram Ullah Lali	CYBERPSYCHOLOGY BEHAVIOR AND SOCIAL NETWORKING	JCR	Computer Science	2.258

128	Evaluating Indoor Positioning Systems in a Shopping Mall: The Lessons Learned From the IPIN 2018 Competition	Renaudin, Valerie; Ortiz, Miguel; Perul, Johan; Torres-Sospedra, Joaquin; Ramon Jimenez, Antonio; Perez-Navarro, Antoni; Martin Mendoza-Silva, German; Seco, Fernando; Landau, Yael; Marbel, Revital; Ben-Moshe, Boaz; Zheng, Xingyu; Ye, Feng; Kuang, Jian; Li, Yu; Niu, Xiaoji; Landa, Vlad; Hacothen, Shlomi; Shvalb, Nir; Lu, Chuanhua; Uchiyama, Hideaki; Thomas, Diego; Shimada, Atsushi; Taniguchi, Rin-ichiro; Ding, Zhenxing; Xu, Feng; Kronenwett, Nikolai; Vladimirov, Blagovest; Lee, Soyeon; Cho, Eunyoung; Jun, Sungwoo; Lee, Changeun; Park, Sangjoon; Lee, Yonghyun; Rew, Jehyeok; Park, Changjun; Jeong, Hyeongyo; Han, Jaeseung; Lee, Keumryeol; Zhang, Wenchao; Li, Xianghong; Wei, Dongyan; Zhang, Ying; Park, So Young; Park, Chan Gook; Knauth, Stefan; Pipelidis, Georgios; Tsiamitros, Nikolaos; Lungenstrass, Tomas; Pablo Morales, Juan; Trogh, Jens; Plets, David; Opiela, Miroslav; Fang, Shih-Hau; Tsao, Yu; Chien, Ying-Ren; Yang, Shi-Shen; Ye, Shih-Jyun; Ali, Muhammad Usman; Hur, Soojung; Park, Yongwan	MUHAMMAD USMAN ALI	IEEE ACCESS	JCR	Computer Science	3.745
129	An Optimized Method for Segmentation and Classification of Apple Diseases Based on Strong Correlation and Genetic Algorithm Based Feature Selection	Khan, Muhammad Attique; Lali, M. Ikram Ullah; Sharif, Muhammad; Javed, Kashif; Aurangzeb, Khursheed; Haider, Syed Irtaza; Altamrah, Abdulaziz Saud; Akram, Talha	Muhammad Ikram Ullah Lali	IEEE ACCESS	JCR	Computer Science	3.745
130	Quantification of Productivity of the Brands on Social Media With Respect to Their Responsiveness	Shahzad, Basit; Awan, Kinza Mehr; Abdullatif, Abdullatif M.; Lali, M. Ikramullah; Nawaz, M. Saqib; Ayesha, Ume; Khan, Muzafar	Muhammad Ikram Ullah Lali	IEEE ACCESS	JCR	Computer Science	3.745
131	Construction of saliency map and hybrid set of features for efficient segmentation and classification of skin lesion	Khan, Muhammad Attique; Akram, Talha; Sharif, Muhammad; Saba, Tanzila; Javed, Kashif; Lali, Ikram Ullah; Tanik, Urcun John; Rehman, Amjad	Ikram Ullah Lali	MICROSCOPY RESEARCH AND TECHNIQUE	JCR	Computer Science	2.117
132	Brain tumor detection and classification: A framework of marker-based watershed algorithm and multilevel priority features selection	Khan, Muhammad A.; Lali, Ikram U.; Rehman, Amjad; Ishaq, Mubashar; Sharif, Muhammad; Saba, Tanzila; Zahoor, Saliha; Akram, Talha	Ikram Ullah Lali, Saliha Zahor	MICROSCOPY RESEARCH AND TECHNIQUE	JCR	Computer Science	2.117
133	Ontology based E-learning framework: A personalized, adaptive and context aware model	Sarwar, Sohail; Ul Qayyum, Zia; Garcia-Castro, Raul; Safyan, Muhammad; Munir, Rana Faisal	Zia Ul Qayyum	MULTIMEDIA TOOLS AND APPLICATIONS	JCR	Computer Science	2.313
134	A 3D nodule candidate detection method supported by hybrid features to reduce false positives in lung nodule detection	Naqi, Syed Muhammad; Sharif, Muhammad; Lali, Ikram Ullah	Ikram Ullah Lali	MULTIMEDIA TOOLS AND APPLICATIONS	JCR	Computer Science	2.313
135	Multi-class Review Rating Classification using Deep Recurrent Neural Network	Hassan, Junaid; Shoaib, Umar	Umar Shoaib	NEURAL PROCESSING LETTERS	JCR	Computer Science	2.891
136	Graphs Resemblance based Software Birthmarks through Data Mining for Piracy Control	Sarwar, S.; Qayyum, Z. Ul; Safyan, M.; Iqbal, M.; Mahmood, Y.	Zia Ul Qayyum	PROGRAMMING AND COMPUTER SOFTWARE	JCR	Computer Science	0.637
137	Quality of service in IoT protocol as designs and its verification in PVS	Nawaz, Muhammad Saqib; Sun, Meng; Shahzad, Basit; Lali, M. Ikram Ullah; Umer, Tariq; Wan, Shaohua	Ikram ullah Lali	TRANSACTIONS ON EMERGING TELECOMMUNICATIONS TECHNOLOGIES	JCR	Computer Science	1.594
138	Context aware ontology-based hybrid intelligent framework for vehicle driver categorization	Sarwar, Sohail; Zia, Saad; ul Qayyum, Zia; Iqbal, Muddesar; Safyan, Muhammad; Mumtaz, Shahid; Garcia-Castro, Raul; Kostromitin, Konstantin	Sohail sarwar	TRANSACTIONS ON EMERGING TELECOMMUNICATIONS TECHNOLOGIES	JCR	Computer Science	1.594
139	HLA Run Time Infrastructure: A Comparative Study	Aamir Akram, Muhammad Shahzad Sarfraz, Umar Shoaib	Muhammad Shahzad Sarfraz, Umar Shoaib	Mehran University Research Journal of Engineering and Technology	Y	Computer Science	N/A

140	Optimization of Neural Network Using Improved Bat Algorithm for Data Classification	Bangyal, Waqas Haider; Ahmad, Jamil; Rauf, Hafiz Tayyab	Waqas Haider Bangyal	JOURNAL OF MEDICAL IMAGING AND HEALTH INFORMATICS	JCR	CS	0.659
141	Barriers to hydro-power resource utilization in Pakistan: A mixed approach	Ullah, Kafait; Raza, Muhammad Shabbar; Mirza, Faisal Mehmood	Faisal Mehmood Mirza	ENERGY POLICY	JCR	Economics	5.042
142	Impact of China-Pakistan economic corridor on Pakistan's future energy consumption and energy saving potential: Evidence from sectoral time series analysis	Mirza, Faisal Mehmood; Fatima, Nishat; Ullah, Kafait	Faisal Mehmood Mirza	ENERGY STRATEGY REVIEWS	JCR	Economics	3.895
143	The nexus of renewable and nonrenewable energy consumption, trade openness, and CO2 emissions in the framework of EKC: evidence from emerging economies	Muhammad Wasif Zafar, Faisal Mehmood Mirza, Syed Anees Haider Zaidi & Fujun Hou	Faisal Mehmood Mirza	Environmental Science and Pollution Research	JCR	Economics	3.056
144	The impact of natural resources, human capital, and foreign direct investment on the ecological footprint: The case of the United States	Zafar, Muhammad Wasif; Zaidi, Syed Anees Haider; Khan, Naveed R.; Mirza, Faisal Mehmood; Hou, Fujun; Kirmani, Syed Ali Ashiq	Faisal Mehmood Mirza	RESOURCES POLICY	JCR	Economics	3.986
145	Addressing the sustainable development through sustainable procurement: What factors resist the implementation of sustainable procurement in Pakistan?	Zaidi, Syed Anees Haider; Mirza, Faisal Mehmood; Hou, Fujun; Ashraf, Rana Umair	Faisal Mehmood Mirza	SOCIO-ECONOMIC PLANNING SCIENCES	JCR	Economics	4.149
146	Politico-Economic Barriers to Technical Efficiency in Restructured Electricity Distribution Utilities in Pakistan: A Discourse Analysis	Syed Badar-UI-Husnain Rizvi, Faisal Mehmood Mirza	Faisal Mehmood Mirza	Pakistan Journal of Social Sciences	Y	Economics	N/A
147	Effectiveness of Educational Managers in Higher Education Institutions	Zarfishan Shabbir, Ahmed Bilal, Mubeen UI Islam	Ahmed Bilal, Mubeen UI Islam	Pakistan Journal of Social Issues	Y	Education	N/A
148	Evaluation of Teaching Reading Strategies Used by Early Grade Teachers	Sher Zaman, Sumera Asghar	Sher Zaman	Journal of Early Childhood Care and Education	Y	Education	N/A
149	Technological Hazards in Classroom Instruction: Rebooting the School Education System in Pakistan	Khalid Saleem, Shahid Farid, Hira Atiq, Mobeen ul Islam	Mobeen ul Islam	Pakistan Journal of Social Sciences	Y	Education	N/A
150	Dynamic simulation of solar water heating system using supercritical CO2 as mediating fluid under sub-zero temperature conditions	Abas, Naeem; Kalair, Ali Raza; Seyedmahmoudian, Mehdi; Naqvi, Muhammad; Campana, Pietro Elia; Khan, Nasrullah	Naeem Abas Kalair	APPLIED THERMAL ENGINEERING	JCR	Electrical Engineering	4.725
151	A Novel Bidirectional DC-DC Converter with Low Stress and Low Magnitude Ripples for Stand-Alone Photovoltaic Power Systems	Hussain, Alamdar; Akhtar, Rizwan; Ali, Babar; Awan, Saeed Ehsan; Iqbal, Shahid	Shahid Iqbal	ENERGIES	JCR	Electrical Engineering	2.702
152	Energy transition from molecules to atoms and photons	Khan, N.; Kalair, E.; Abas, N.; Kalair, A. R.; Kalair, A.	Naeem Abas Kalair	ENGINEERING SCIENCE AND TECHNOLOGY-AN INTERNATIONAL JOURNAL-JESTECH	JCR	Electrical Engineering	3.219
153	Performance and working mechanism of a novel anaerobic self-flotation reactor for treating wastewater with high suspended solids	Zeng, Zhuo; Zheng, Ping; Zhang, Meng; Ghulam, Abbas	Ghulam Abbas	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	JCR	Electrical Engineering	3.056
154	Passive Source Localization Using Compressive Sensing	Zhao, Hangfang; Irshad, M. Jehanzeb; Shi, Huihong; Xu, Wen	M Jehanzeb Irshad	SENSORS	JCR	Electrical Engineering	3.275
155	From Acceptance to Contribution: The Role of ICNA in the Integration of Transnational Immigrants in Canada	Naseem, Farhat; Yasmin, Musarat	Musarat Yasmin	IEEE ACCESS	JCR	English	3.745
156	Collaborative Learning and Learner Autonomy: Beliefs, Practices and Prospects in Pakistani Engineering Universities	Yasmin, Musarat; Naseem, Farhat	Musarat Yasmin	IEEE ACCESS	JCR	English	3.745
157	Teacher-directed learning to self-directed learning transition barriers in Pakistan	Yasmin, Musarat; Naseem, Farhat; Masso, Isamar C.	Musarat Yasmin	STUDIES IN EDUCATIONAL EVALUATION	JCR	English	1.983

158	Breadth of EFL Vocabulary Building at Secondary Level in Pakistan: A Corpus-based Perspective	Shamim Akhtar, Behzad Anwar, Abrar Hussain Qureshi	Behzad Anwar	Global Regional Review (GRR)	Y	English	N/A
159	Contextualizing Self (Re) Invention in Modern World: An Urban Sociological Perpective of Exit West	Shiraz Ahmed, Moazzam Ali Malik,m M ehtisham	Moazzam Ali Malik	Pakistan Social Sciences Review	Y	English	N/A
160	British or American English: Emerging Trends in Pakistani English Newspapers	Behzad Anwar, Abrar Hussain Qureshi	Behzad Anwar	The Online Journal of Communication and Media Technologies (OJCMT)	ESCI	English	N/A
161	Politics, Ideology and Print Media: A CDA of Newspapers' Headlines	Asma Iqbal Kayani, Behzad Anwar	Behzad Anwar	Khazar Journal of Humanities and Social Sciences	ESCI	English	N/A
162	Thespians in print: Gender portrayal in Pakistani English print media	Musarat Yasmin, Isamar Carrillo Masso, Nadeem Haider Bukhari & Muhammad Aoubakar	Musarat Yasmin	Cogent Arts & Humanities	ESCI	English	N/A
163	Integrating Information and Communication Technologies in English for Specific Purposes	Noooruddin, Musarat Yasmin	Musarat Yasmin	Journal of Language & Education	ESCI	English	N/A
164	Formulaic Language in Social Sciences: A Functional Anlysis of Lexical Bundeles in native and Non-Native Academic Discourse	Moazzam Ali Malik, Zeeshan Fazal, Hassan Moavia	Moazzam Ali Malik	Pakistan Social Sciences Review	Y	English	N/A
165	Investigating the Metropolitan Hegemon: A psotcolonial Sociological Reading of the Reluctant Fundamentalist	Shiraz Ahmed, Moazzam Ali Malik	Moazzam Ali Malik	Pakistan Social Sciences Review	Y	English	N/A
166	Modal Auxiliaries in Pakistani English Newspapers: Social and Pedagogical Perspectives	Behzad Anwar, Bisma Butt, Raja M Ishtiaq Khan	Behzad Anwar	Pakistan Social Sciences Review	Y	English	N/A
167	Modal Auxiliaries in Pakistani English Newspapers: Social and Pedagogical Perspectives	Behzad Anwar, Bisma Butt, Raja M Ishtiaq Khan	Behzad Anwar	Pakistan Social Sciences Review	Y	English	N/A
168	Morphology of Persian Loan Nouns In Punjabi	Mehvish Noor, Riaz Ahmed Mangrio, Behzad Anwar	Riaz Ahmed Mangrio, Behzad Anwar	The Pakistan Journal of Social Issues	Y	English	N/A
169	NDTs in Non-Native English: A Syntactic Analysis	Bisma Butt, Behzad Anwar	Behzad Anwar	Global Regional Review (GRR)	Y	English	N/A
170	Religious and Socio-cultural Influences on the Pakistani Wedding Invitation	Musrat Yasmin, Farhat Naseem, Ayesha Sohail	Musrat Yasmin	Open Linguistic	X	English	N/A
171	STRUCTURAL AND FUNCTIONAL ANALYSES OF DISCIPLINE-SPECIFIC LEXICAL BUNDLES	Mehvish Noor, Behzad Anwar	Behzad Anwar	Pakistan Journal of Languages and Translation Studies	Y	English	N/A
172	Voicing Sexism: Reflections from the Primary level English Textsbooks of Government Schools in Punjab	Shamshad Rasool, Saiqa Imtiaz Asif, Behzad Anwar	Shamshad Rasool, Behzad Anwar	Kashmir Journal of Language Research	Y	English	N/A
173	Investigation into arsenic retention in arid contaminated soils with biochar application	Hina, Kiran; Abbas, Maham; Hussain, Qaiser; Arshad, Muhammad; Ali, Shafaqat; Rizwan, Muhammad	Kiran Hina	ARABIAN JOURNAL OF GEOSCIENCES	JCR	Environmental Sciences	1.327
174	Effects of biochar and zeolite soil amendments with foliar proline spray on nickel immobilization, nutritional quality and nickel concentrations in wheat	Shahbaz, Ali Khan; Ramzani, Pia Muhammad Adnan; Saeed, Rashid; Turan, Veyssel; Iqbal, Muhammad; Lewinska, Karolina; Abbas, Farhat; Saqib, Muhammad; Tauqeer, Hafiz Muhammad; Iqbal, Mutahar; Fatima, Maryam; Rahman, Mahmood-ur	Rashid Saeed	ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY	JCR	Environmental Sciences	4.872
175	OCCUPATIONAL HEALTH AND SAFETY CONDITIONS IN SMALL MEDIUM SIZED ENTERPRISES OF IRON FURNITURE MANUFACTURING UNITS	Bharwana, Saima Aslam; Ali, Shafaqat; Farid, Mujahid; Zubair, Muhammad; Rizwan, Muhammad; Ahmad, Rehan	Mujahid Farid	ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL	JCR	Environmental Sciences	1.306
176	Potential of electronic waste recycling in Gulf Cooperation Council states: an environmental and economic analysis	Alghazo, Jaafar; Ouda, Omar; Alanezi, Faisal; Asam, Zaki-ul-Zaman; Rehan, Mohammad; Salameh, Muamar Hasan; Nizami, Abdul-Sattar	Zaki-ul-Zaman Asam	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	JCR	Environmental Sciences	3.056
177	Combined application of citric acid and 5-aminolevulinic acid improved biomass, photosynthesis and gas exchange attributes of sunflower (Helianthus annuus L.) grown on chromium contaminated soil	Farid, Mujahid; Ali, Shafaqat; Saeed, Rashid; Rizwan, Muhammad; Bukhari, Syed Asad Hussain; Abbasi, Ghulam Hassan; Hussain, Afzal; Ali, Basharat; Zamir, Muhammad Shahid Ibni; Ahmad, Irfan	Mujahid Farid, Rashid Saeed	INTERNATIONAL JOURNAL OF PHYTOREMEDIATION	JCR	Environmental Sciences	2.528

178	EDTA-assisted phytoextraction of lead and cadmium by Pelargonium cultivars grown on spiked soil	Gul, Ram; Manzoor, Maria; Silvestre, Jerome; Rizwan, Muhammad; Hina, Kiran; Kallerhoff, Jean; Arshad, Muhammad	Kiran Hina	INTERNATIONAL JOURNAL OF PHYTOREMEDIATION	JCR	Environmental Sciences	2.528
179	Untapped potential of zeolites in optimization of food waste composting	Waqas, M.; Nizami, A. S.; Aburiazaiza, A. S.; Barakat, M. A.; Asam, Z. Z.; Khattak, B.; Rashid, M., I	Zaki-ul-Zaman Asam	JOURNAL OF ENVIRONMENTAL MANAGEMENT	JCR	Environmental Sciences	1.157
180	Sorption of Cr(III) from aqueous media via naturally functionalized microporous biochar: Mechanistic study	Batool, Saima; Idrees, Muhammad; Al-Wabel, Mohammad I.; Ahmad, Mahtab; Hina, Kiran; Ullah, Hidayat; Cui, Liqiang; Hussain, Qaiser	Kiran Hina	MICROCHEMICAL JOURNAL	JCR	Environmental Sciences	3.594
181	EFFECT OF CADMIUM (CD) STRESS ON SPINACH (Spinacea oleracea) AND ITS RETENTION KINETICS IN SOIL IN RESPONSE TO ORGANIC AMENDMENTS	Hina, Kiran; Kanwal, Syeda Somia; Arshad, Muhammad; Gul, Iram	Kiran Hina	PAKISTAN JOURNAL OF AGRICULTURAL SCIENCES	JCR	Environmental Sciences	0.663
182	Hydrogen sulfide alleviates chromium stress on cauliflower by restricting its uptake and enhancing antioxidative system	Ahmad, Rehan; Ali, Shafaqat; Rizwan, Muhammad; Dawood, Muhammad; Farid, Mujahid; Hussain, Afzal; Wijaya, Leonard; Alyemeni, Mohammed Nasser; Ahmad, Parvaiz	Mujahid Farid	PHYSIOLOGIA PLANTARUM	JCR	Environmental Sciences	4.148
183	Exposure-Response of Wheat Cultivars to TiO2 Nanoparticles in Contrasted Soils	Zahra, Zahra; Ali, Muhammad Arif; Parveen, Amna; Kim, EunBi; Khokhar, Muhammad Fahim; Baig, Sofia; Hina, Kiran; Choi, Hyung-Kyoon; Arshad, Muhammad	Kiran Hina	SOIL & SEDIMENT CONTAMINATION	JCR	Environmental Sciences	1.25
184	Spatial analysis of landslide susceptibility using failure rate approach in the Hindu Kush region, Pakistan	Rahman, Ghani; Atta-ur Rahman; Ullah, Sami; Miandad, Muhammad; Collins, Andrew E.	Ghanni Rehman, Muhammad Miandad	JOURNAL OF EARTH SYSTEM SCIENCE	JCR	Geography	1.423
185	Impact of land use change on land values: A case of Jhangiwala, Bahawalpur City, Pakistan	M Mohsin, M Mushahid anwar, M Dawood, M Akbar Ali Shah, Farrukh Jamal, M Basit	M Mushahid anwar, M Dawood	Journal of Biodiversity and Environmental Sciences	Zoological Record	Geography	N/A
186	Assessment of risk factors associated with spread of tuberculosis in Gujrat city Pakistan	M Miandad, M Mushahid Anwar, Shawaz Ahmed, Ghani Rehman, Mehteab Ahmed Khan	M Miandad, M Mushahid Anwar, Ghani Rehman, Mehteab Ahmed Khan	COĞRAFYA DERGİSİ JOURNAL OF GEOGRAPHY	ESCI	Geography	N/A
187	Stochastic game-based dynamic information delivery system for wireless cooperative networks	Li Feng, Amjad Ali, Hannan Bin Liaqat, Muhammad Aksam Iftikhar, Ali Kashif Bashir, Sangheon Pack	Hannan Bin Liaqat	Future Generation Computer Systems	JCR	Information Technology	6.125
188	Socially-aware congestion control in ad-hoc networks: Current status and the way forward	Bin Liaqat, Hannan; Ali, Amjad; Qadir, Junaid; Bashir, Ali Kashif; Bilal, Muhammad; Majeed, Fiaz	Hannan Bin Liaqat	FUTURE GENERATION COMPUTER SYSTEMS-THE INTERNATIONAL JOURNAL OF ESCIENCE	JCR	Information Technology	6.125
189	Feature-based Compositing Memory Networks for Aspect-based Sentiment Classification in Social Internet of Things	Ma, Ruixin; Wang, Kai; Qiu, Tie; Sangaiah, Arun Kumar; Lin, Dan; Bin Liaqat, Hannan	Hannan Bin Liaqat	FUTURE GENERATION COMPUTER SYSTEMS-THE INTERNATIONAL JOURNAL OF ESCIENCE	JCR	Information Technology	6.125
190	Self-Citation Analysis on Google Scholar Dataset for H-Index Corrections	Majeed, Fiaz; Shafiq, Muhammad; Ali, Amjad; Hassan, Muhammad Awais; Abbas, Syed Ali; Alzahrani, Mohammad Eid; Saleem, Muhammad Qaiser; Bin Liaqat, Hannan; Gardezi, Akber; Irshad, Azeem	Fiaz Majeed, Hannan Bin Liaqat	IEEE ACCESS	JCR	Information Technology	3.745
191	Hybrid Fuzzy Logic Scheme for Efficient Channel Utilization in Cognitive Radio Networks	Ali, Amjad; Abbas, Laraib; Shafiq, Muhammad; Bashir, Ali Kashif; Afzal, Muhammad Khalil; Bin Liaqat, Hannan; Siddiqi, Muhammad Hameed; Kwak, Kyung Sup	Laraib Abbas, Hannan Bin Liaqat	IEEE ACCESS	JCR	Information Technology	3.745
192	An Analysis of the Perception of the Bride's In-Laws regarding Dowry Affairs: A study of Gujranwala and Gujrat Districts	Dr Muhammad Riaz Mahmood, Dr Arshad Munir	Dr Muhammad Riaz Mahmood, Dr Arshad Munir	Al-Qalam	Y	Islamic Studies	N/A
193	Aurangzeb Alamgir on Inter Faith Harmony: An Analysis of Objections	Dr Muhammad Riaz Mahmood, Muhammad Irfan Ahmad, Hafiz Adil Jahan	Dr Muhammad Riaz Mahmood	Journal of Islamic Thought and Civilization (JITC)	Y	Islamic Studies	N/A
194	Challenges to Inter-Faith Harmony In Pakistan :Strategies And Solutions in Accordance with The Basic Islamic Sources"	Dr Muhammad Riaz Mahmood, Dr Arshad Munir	Dr Muhammad Riaz Mahmood, Dr Arshad Munir	Al-Qalam	Y	Islamic Studies	N/A

195	Distinctive Role of Amin al khuli in Modern Tafisiri Literature: Analytical Study	Jamil Akhtar, Mubasher Hussain	Jamil Akhtar,	Alazwa	Y	Islamic Studies	N/A
196	Domestic Issues of Women of Rural Areas	Dr Ubaid Ahmed, Abu Sufyan, Qazai Furqan Ahmad, Syed Oauj Kamal	Qazi Furqan Ahmad	Al-A-JAZ	Y	Islamic Studies	N/A
197	Islamic Calendar Anomalies Reshaping Investor Behavior: A Qualitative Study	Sajid Iqbal, Nadeem Iqbal, Arshad Munir	Dr Arshad Munir	Journal of Islamic Thought and Civilization (JITC)	Y	Islamic Studies	N/A
198	Nexus between Liquidity Risk and Islamic Banking Performance	Nadeem Iqbal, Dr Arshad Munir, M Mohsin	Dr Arshad Munir	Rahat-ul-Quloob, Quetta	Y	Islamic Studies	N/A
199	Radical Feminism and its Major Socio-Religious Impact (A Critical Analysis from Islamic Perspective)	Dr Riaz Ahmed Saeed, Dr Arshad Munir	Dr Arshad Munir	Al-Basirah	Y	Islamic Studies	N/A
200	Role of ibn e Aseer Al-Jazri regarding the evaluation of Hadith: Analytical Study	Dr Muhammad Riaz Mahmood, Dr Arshad Munir	Dr Muhammad Riaz Mahmood, Dr Arshad Munir	Al-Azwa	Y	Islamic Studies	N/A
201	The Impact of the Prophetic Sunnah on Character Building of an Individual Person	Dr M Sarwar Hijazi, Dr Jamil Akhtar	Jamil Akhtar,	IQAN	Y	Islamic Studies	N/A
202	The Methodologic Approach of the Bayaniya School to the Quranic Interpretation: Analytical Study	Mubasher Hussain, Jamil Akhtar	Jamil Akhtar,	Pakistan Journal of Islamic Research	Y	Islamic Studies	N/A
203	خواتین کی تعلیم و تربیت: اسلام اور مسیحیت کے مشترکات کا تجزیہ	Shaghufata Naveed, Dr Muhammad Riaz Mahmood	Dr Muhammad Riaz Mahmood	Tahzeeb ul Afkar	Y	Islamic Studies	N/A
204	مولانا ظفر علی خان کی شاعری میں قرآنی تلمیحات: "بہارستان کا خصوصی مطالعہ"	Dr Muhammad Riaz Mahmood, Hafiz Muhammad Adil	Dr Muhammad Riaz Mahmood	Fikro Nazar	X	Islamic Studies	N/A
205	How to bend down the environmental Kuznets curve: the significance of biomass energy	Mahmood, Nasir; Wang, Zhaohua; Yasmin, Nazia; Manzoor, Waqas; Rahman, Atteeq Ur	Atteeq ur Rahman	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	JCR	Management Sciences	3.056
206	Empowering Leadership and Proactive Behavior: Mediating Role of Psychological Empowerment and Moderating Role of Leader-Follower Distance	M Anwar Ul Haq, Mirza Ashfaq Ahmad, Shaista Khalid	M Anwar Ul Haq, Mirza Ashfaq Ahmad	Abasyn Journal of Social Sciences	X	Management Sciences	N/A
207	Interpersonal Relationship Marketing: A Dyadic Study of Firm's Customer Orientation and Customer Commitment	Muhammad Ahmad, Dr mirza Ashfaq	Dr mirza Ashfaq	Pakistan Journal of Social Issues	Y	Management Sciences	N/A
208	Job Autonomy and Work Engagement: The mediating role of job crafting and the moderating role of proactive personality	Usman Ahsan, M Anwar Ul Haq, Mirza Ashfaq Ahmad	M Anwar Ul Haq, Mirza Ashfaq Ahmad	local Management Journal for Academic & Corporate Studies	Y	Management Sciences	N/A
209	Linking Cronyism, Psychological Contract Breach, and Moral Disengagement: A Study of Public Sector University Teachers.	Saqlain Pervaiz, M Anwar Ul Haq, Mirza Ashfaq Ahmad, M Usman	M Anwar Ul Haq, Mirza Ashfaq Ahmad, M Usman	IBT Journal of Business Studies	Y	Management Sciences	N/A
210	A Critical Discourse analysis of the Coverage of Human Rights Violations in the Indian held Kashmir	Ayesha Saddiqa, Farish Ullah Yousafzai	Farish Ullah Yousafzai	Kashmir Journal of Language Research	Y	Mass Comm	N/A
211	Analysis of Civil-Military Relations in Pakistan: Evidence from Leading English Newspapers	Amna Zulfiqar, Zahid Yousaf	Zahid Yousaf	Global Social Sciences Review	X	Mass Comm	N/A
212	Analysis of Editorial Treatment of US Drone Attacks by the Prominent English Dailies in Pakistan	Arshad Ali, Sobia Abid, Muhammad Zahid Bilal	Arshad Ali, Sobia Abid	Global Social Sciences Review	X	Mass Comm	N/A
213	Cable Television Drama and Adoption of Urdu Language in Pakistan	Malik Adnan ,Zahid Yousaf, Dr Aftab Hussain Gilani	Zahid Yousaf	Journal of Research Urdu	Y	Mass Comm	N/A
214	Economic Issues and Ethical Journalism in Pakistan	Malik Adnan, Arshad Ali, Shahbaz Aslam	Arshad Ali	Global Social Sciences Review	X	Mass Comm	N/A
215	Educating the Youth in Norms and Values through TV Commercials: A Study of College Students	Shafayat Ali, Zahid Yousaf	Zahid Yousaf	Global Social Sciences Review	X	Mass Comm	N/A
216	Effects of Media Exposure on the Political Polarization Patterns of Students in Pakistan	Muhammad Zahid Bilal, Arshad Ali, Sami Ullah	Muhammad Zahid Bilal, Arshad Ali, Sami Ullah	Global Social Sciences Review	X	Mass Comm	N/A
217	Framing of Arab Spring In US And Pakistani Press	Muhammad Haseeb Sarwar, Zahid Yousaf	Zahid Yousaf	Journal of the Research Society of Pakistan	Y	Mass Comm	N/A
218	Gender and Media in Pakistan: Representation of Women in Print and Electronic Media	Malik Adnan, Zahid Yousaf, Muhammad Bilal Nawaz	Zahid Yousaf	Pakistan Journal of Social Sciences	Y	Mass Comm	N/A

219	Impact of YouTube Tutorials in Skill Development among University Students of Lahore	Moneeba Iftikhar, Sohail Riaz, Zahid Yousaf	Zahid Yousaf	Pakistan Journal of Distance & Online Learning	Y	Mass Comm	N/A
220	Islamic World and Media Globalization: Challenges for Muslims with Special Reference to Pakistan	Malik Adnan, Abdul Wajid Khan, ZahidYousaf	Zahid Yousaf	Pakistan Journal of Islamic Research	Y	Mass Comm	N/A
221	Media Imperialism and Cultural Dissatisfaction: A case Study of Undergraduate Students in Islamabad	Farrukh Nazir, Arshad Ali	Arshad Ali	Global Social Sciences Review	X	Mass Comm	N/A
222	Media Sociology: An Appraisal	Muhammad Atif Shahzad, Zahid Yousaf	Zahid Yousaf	Global Political Review	Y	Mass Comm	N/A
223	News Values on Social Media and Use of Twitter	Zahid Yousaf, Rooh ul Amin Khan, Malik Adnan	Zahid Yousaf	Global Political Review	Y	Mass Comm	N/A
224	Political News Exposure and Voting Behavior During 2013 General Election in Pakistan	Umair Nadeem, Zahid Yousaf	Zahid Yousaf	Pakistan Vision	Y	Mass Comm	N/A
225	Representation of Pakistan and India in Elite Press of US, UK & China	Arshad Ali, Waqar ul Haq, Shahbaz Aslam	Arshad Ali	Journal of the Research Society of Pakistan	X	Mass Comm	N/A
226	Sensationalizing the News Events by Pakistani Media	Zahid Yousaf, Ghazala Yasmeen, Ehtisham Ali	Zahid Yousaf	Journal of Media Studies	Y	Mass Comm	N/A
227	Social Taboos in Pakistani Prime Time Urdu Dramas	Farrukh Nazir, Arshad Ali, Muhammad Farooq	Arshad Ali	Journal of the Research Society of Pakistan	X	Mass Comm	N/A
228	Socio-Psychological Effects on Media Professional Standards during Military Operations in Pakistan	Roohul Amin Khan, Zahid Yousaf	Zahid Yousaf	Global Social Sciences Review	X	Mass Comm	N/A
229	The Roman Conquest of Urdu in Pakistani Movie Posters: A Study of the Cannibalistic Politics of Transliteration	Jamil Asghar, Zahid Yousaf, Arshid Ali	Zahid Yousaf, Arshid Ali	Pakistan Journal of Languages and Translation Studies	Y	Mass Comm	N/A
230	Usage Pattern of Western Televised content in Pakistan :A Use and Gratification Approach	Farrukh Nazir, Arshad Ali, Muhammad Farooq	Arshad Ali	Global Social Sciences Review	X	Mass Comm	N/A
231	Efficient Electrogenated Chemiluminescence of Tris(2,2'-bipyridine)ruthenium(II) with N-Hydroxysulfosuccinimide as a Coreactant for Selective and Sensitive Detection of L-Proline and Mercury(II)	Saqib, Muhammad; Bashir, Shahida; Li, Haijuan; Li, Chuanping; Wang, Shanshan; Jin, Yongdong	Shahida Bashir	ANALYTICAL CHEMISTRY	JCR	Mathematics	6.785
232	Lucigenin-Tris(2-carboxyethyl)phosphine Chemiluminescence for Selective and Sensitive Detection of TCEP, Superoxide Dismutase, Mercury(II), and Dopamine	Saqib, Muhammad; Bashir, Shahida; Li, Haijuan; Wang, ShanShan; Jin, Yongdong	Shahida Bashir	ANALYTICAL CHEMISTRY	JCR	Mathematics	6.785
233	Homotopy Perturbation Method for the nonlinear MHD Jeffery-Hamel blood flows problem	Ahmad, Iftikhar; Ilyas, Hira	Iftikhar Ahmad	APPLIED NUMERICAL MATHEMATICS	JCR	Mathematics	1.979
234	Influence of heat generation on magnetohydrodynamic (MHD) flow using a theory of kinetics for liquids	Hussain, Azad; Javed, Fouzia; Malik, M. Y.; Ameer, Sumaira	Azad Hussain	CANADIAN JOURNAL OF PHYSICS	JCR	Mathematics	1.032
235	Formulating the behavior of thermal radiation and magnetic dipole effects on Darcy-Forchheimer grasped ferrofluid flow	Hussain, Azad; Muneer, Zainia; Malik, M. Y.; Ali, Shoaib	Azad Hussain	CANADIAN JOURNAL OF PHYSICS	JCR	Mathematics	1.032
236	MHD flow, under the kinetic postulate, of fluids that are initially liquid under thermal radiation effects	Hussain, Azad; Muneer, Zainia; Malik, M. Y.; Ghafoor, Saadia	Azad Hussain	CANADIAN JOURNAL OF PHYSICS	JCR	Mathematics	1.032
237	Two physicochemical properties of benzenoid chains: solvent accessible molecular volume and molar refraction	Ali, Akbar; Iqbal, Zafar; Iqbal, Zaffar	Zafar Iqbal	CANADIAN JOURNAL OF PHYSICS	JCR	Mathematics	1.032
238	Regular and intra-regular semirings in terms of bipolar fuzzy ideals	Shabir, Muhammad; Liaquat, Saba; Bashir, Shahida	Shahida Bashir	COMPUTATIONAL & APPLIED MATHEMATICS	JCR	Mathematics	1.36
239	Magnetically driven flow of pseudoplastic fluid across a sensor surface	Hussain, Azad; Zetoon, Rabia; Ali, Shoaib; Nadeem, S.	Azad hussain	JOURNAL OF THE BRAZILIAN SOCIETY OF MECHANICAL SCIENCES AND ENGINEERING	JCR	Mathematics	1.755
240	Rheological analysis on non-Newtonian wire coating	Azad Hussain, Sumaira Ameer, Fouzia Javed & M. Y. Malik	Azad hussain	Journal of the Brazilian Society of Mechanical Sciences and Engineering	JCR	Mathematics	1.755

241	Numerical investigation of squeezing flow of Walters' B fluid through parallel plates	Azad Hussain, Sobia Akbar, Lubna Sarwar & M. Y. Malik	Azad hussain	Journal of the Brazilian Society of Mechanical Sciences and Engineering	JCR	Mathematics	1.755
242	Hosoya polynomial and topological indices of n-linear benzene	Abdul Rauf Nizami , Muhammad Idrees, Numan Amin, Zaffar Iqba	Zafar Iqbal	Journal of the National Science Foundation of Sri Lanka	JCR	Mathematics	0.378
243	Regular Ordered Ternary Semigroups in Terms of Bipolar Fuzzy Ideals	Bashir, Shahida; Fatima, Medhit; Shabir, Muhammad	Shahida Bashir	MATHEMATICS	JCR	Mathematics	1.747
244	Novel applications of intelligent computing paradigms for the analysis of nonlinear reactive transport model of the fluid in soft tissues and microvessels	Ahmad, Iftikhar; Ilyas, Hira; Urooj, Aysha; Aslam, Muhammad Saeed; Shoaib, Muhammad; Raja, Muhammad Asif Zahoor	Iftikhar Ahmad	NEURAL COMPUTING & APPLICATIONS	JCR	Mathematics	4.774
245	MHD oblique stagnation point flow of copper-water nanofluid with variable properties	Rizwana; Hussain, Azad; Nadeem, S.	Azad hussain	PHYSICA SCRIPTA	JCR	Mathematics	1.985
246	Mathematical model for blood flow through the stenosed channel	Azad Hussain, Lubna Sarwar, Sobia Akbar and Sohail Nadeem	Azad hussain	Physica Scripta	JCR	mathematics	1.985
247	Numerical Solution of a Casson Nanofluid flow and heat transfer analysis between Concentric Cylinders.	Azad Hussain, Fouzia Javed, Sohail Nadeem	Azad Hussain	Journal Of Power Technologies	ESCI	Mathematics	N/A
248	Effect of time dependent viscosity and radiation efficacy on a non-Newtonian fluid flow	Azad Hussain,Sobia Akbar,Lubna Sarwar,Sohail Nadeem,Zaffar Iqbal	Azad Hussain, Zaffar Iqbal	Heliyon	ESCI	Mathematics	N/A
249	Numerical investigation of viscoelastic nanofluid flow with radiation effects.	Azad Hussain,Sobia Akbar,Lubna Sarwar, Sohail Nadeem,Sarmad Jamal	Azad Hussain	Journal of Nanomaterials, Nanoengin	ESCI	Mathematics	N/A
250	Design of computational intelligent procedure for thermal analysis of porous fin model	Ahmad, Iftikhar; Zahid, Hina; Ahmad, Fayyaz; Raja, Muhammad Asif Zahoor; Baleanu, Dumitru	Iftikhar Ahmad, Fayyaz Ahmad	CHINESE JOURNAL OF PHYSICS	JCR	Mathematics, Statistics	2.638
251	Heuristic computational intelligence approach to solve nonlinear multiple singularity problem of sixth Painlev'e equation	Ahmad, Iftikhar; Rehman, Abdul; Ahmad, Fayyaz; Raja, Muhammad Asif Zahoor	Iftikhar Ahmad, Fayyaz Ahmad	NEURAL COMPUTING & APPLICATIONS	JCR	Mathematics, Statistics	4.774
252	EVALUATION OF ANTI-INFLAMMATORY AND ANALGESIC ACTIVITY OF THE AQUEOUS METHANOLIC EXTRACT OF ASPRARAGUS RACEMOSUS IN EXPERIMENTAL MODELS	Ahsan, Haseeb; Haider, Ihtisham; Mushtaq, Muhammad Naveed; Anjum, Irfan	Ihtisham Haider	FARMACIA	JCR	NSMC	1.607
253	Pancreatic beta-cell replacement: advances in protocols used for differentiation of pancreatic progenitors to beta-like cells	Ghani, Muhammad Waseem; Ye, Li; Yi, Zhao; Ghani, Hammad; Birmani, Muhammad Waseem; Nawab, Aamir; Cun, Lang Guan; Bin, Liu; Mei, Xiao	Hammad Ghani	FOLIA HISTOCHEMICA ET CYTOBIOLOGICA	JCR	NSMC	0.854
254	Genetic Characterization of Peste des Petits Ruminants Virus Circulating in Different Regions of Pakistan based on Nucleocapsid Gene Sequence	Usman, Muhammad; Ahsan, Aitezaz; Rasheed, Tahir; Farooq, Umer; Ameen, Muhammad Kamran; Bin Zahur, Aamer; Khan, Saeed ul Hassan	Tahir Rasheed	JAPANESE JOURNAL OF VETERINARY RESEARCH	JCR	ORIC	0.323
255	Inorganic and Layered Perovskites for Optoelectronic Devices	Fakharuddin, Azhar; Shabbir, Umair; Qiu, Weiming; Iqbal, Tahir; Sultan, Muhammad; Heremans, Paul; Schmidt-Mende, Lukas	Tahir Iqbal	ADVANCED MATERIALS	JCR	Physics	0.445
256	Laser nature dependence on enhancement of optical and thermal properties of copper oxide nanofluids	Rafique, Muhammad; Rafique, Muhammad Shahid; Butt, Shariqa Hassan; Afzal, Amina; Kalsoom, Umber	Muhammad Rafique	APPLIED SURFACE SCIENCE	JCR	Physics	6.182
257	Facile synthesis and antimicrobial activity of CdS-Ag2S nanocomposites	Iqbal, Tahir; Ali, Faisal; Khalid, N. R.; Tahir, M. Bilal; Ijaz, Mohsin	TahirIqbal, Khalid Nadeem Riaz, Muhammad Bilal Tahir	BIOORGANIC CHEMISTRY	JCR	Physics	4.831
258	BAND GAP ENGINEERING FOR IMPROVED PHOTOCATALYTIC PERFORMANCE OF CUS/TIO2 COMPOSITES UNDER SOLAR LIGHT IRRADIATION	Farooq, M. Hassan; Aslam, I; Shuaib, Ahmad; Anam, H. Sadia; Rizwan, M.; Kanwal, Qudsia	Muhammad Rizwan	BULLETIN OF THE CHEMICAL SOCIETY OF ETHIOPIA	JCR	Physics	0.837
259	DEFECT ENGINEERING FOR IMPROVED PHOTOCATALYTIC PERFORMANCE OF REDUCED LEAD TITANATE (PbTiO3) UNDER SOLAR LIGHT IRRADIATION	Farooq, M. Hassan; Aslam, I; Anam, H. Sadia; Tanveer, M.; Rizwan, M.	Muhammad Rizwan	BULLETIN OF THE CHEMICAL SOCIETY OF ETHIOPIA	JCR	Physics	0.837



260	Enhanced photocatalytic activity of Al and Fe co-doped ZnO nanorods for methylene blue degradation	Khalid, N. R.; Hammad, A.; Tahir, M. B.; Rafique, M.; Iqbal, T.; Nabi, G.; Hussain, M. K.	Khalid Nadeem Riaz, Muhammad Bilal Tahir, Muhammad Rafique, Tahir Iqbal, Ghulam Nabi	CERAMICS INTERNATIONAL	JCR	Physics	3.83
261	Effect of growth temperature on catalyst free hydrothermal synthesis of crystalline SnO <sub>2</sub> micro-sheets	Hussain, Sajad; Jacob, Jolly; Riaz, Nadia; Mahmood, Khalid; Ali, Adnan; Amin, Nasir; Nabi, Ghulam; Isa, M.; Mahmood, Mian H. R.	Ghulam Nabi	CERAMICS INTERNATIONAL	JCR	Physics	3.83
262	First Principles Study of Dendritic Carbazole Photosensitizer Dyes Modified with Different Conjugation Structures	Majid, Abdul; Bibi, Maryam; Khan, Salah Ud-Din; Haider, Sajjad	Abdul Majid	CHEMISTRYSELECT	JCR	Physics	1.811
263	Implementation of magnesium doping in SrTiO <sub>3</sub> for correlating electronic, structural and optical properties: A DFT study	Rizwan, Muhammad; Anwar, Maida; Usman, Zahid; Shakil, Muhammad; Gillani, S. S. A.; Jin, H. B.; Cao, C. B.; Mushtaq, Uzma	Muhammad Rizwan, Muhammad Shakil	CHINESE JOURNAL OF PHYSICS	JCR	Physics	2.638
264	Advances in photo-catalysis approach for the removal of toxic personal care product in aqueous environment	Tahir, Muhammad Bilal; Ahmad, Anam; Iqbal, Tahir; Ijaz, Mohsin; Muhammad, Shabbir; Siddeeq, Saifeldin M.	Muhammad Bilal Tahir, Tahir Iqbal	ENVIRONMENT DEVELOPMENT AND SUSTAINABILITY	JCR	Physics	2.191
265	The detoxification of heavy metals from aqueous environment using nano-photocatalysis approach: a review	Tahir, Muhammad Bilal; Kiran, Habiba; Iqbal, Tahir	Muhammad Bilal Tahir, Tahir Iqbal	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	JCR	Physics	3.056
266	Idiosyncratic cellulose acetate nanocomposite membranes: synthesis and performance control study for desalination	Afzal, Amina; Rafique, Muhammad Shahid; Iqbal, Sadia Sagar; Butt, Shariqa Hassan; Kalsoom, Umber; Rafique, Muhammad	Muhammad Rafique	ENVIRONMENTAL TECHNOLOGY	JCR	Physics	2.213
267	Band gap modulation effect on electronic and optical properties in PbTiO <sub>3</sub> under stress: a DFT study	Rizwan, Muhammad; Bibi, Rabia; Mahmood, Tariq; Aslam, Imran; Gillani, Syed Sajid Ali; Jin, Hai Boa; Cao, Chuan Bao; Usman, Zahid; Maqsood, Ahmad	Muhammad Rizwan	EUROPEAN PHYSICAL JOURNAL-APPLIED PHYSICS	JCR	Physics	2.614
268	Boosting the performance of visible light-driven WO <sub>3</sub> /g-C <sub>3</sub> N <sub>4</sub> anchored with BiVO <sub>4</sub> nanoparticles for photocatalytic hydrogen evolution	Tahir, Muhammad Bilal; Riaz, Khalid Nadeem; Asiri, Abdullah M.	Muhammad Bilal Tahir, Khalid Nadeem Riaz	INTERNATIONAL JOURNAL OF ENERGY RESEARCH	JCR	Physics	3.741
269	Material and method selection for efficient solid oxide fuel cell anode: Recent advancements and reviews	Rafique, Muhammad; Nawaz, Huma; Rafique, M. Shahid; Tahir, M. Bilal; Nabi, G.; Khalid, N. R.	Muhammad Rafique, Muhammad Bilal Tahir, Khalid Nadeem Riaz	INTERNATIONAL JOURNAL OF ENERGY RESEARCH	JCR	Physics	3.741
270	Fabrication of novel hybrid composite La <sub>2-x</sub> CoxCuO <sub>4</sub> electrode for high performance supercapacitors	Rafique, Muhammad; Sadaf, Iqra; Nabi, Ghulam; Tahir, Muhammad Bilal; Khan, Muhammad Isa	Muhammad Rafique, Muhammad Bilal Tahir, Muhammad Isa Khan	INTERNATIONAL JOURNAL OF ENERGY RESEARCH	JCR	Physics	3.741
271	Insighting role of reduced graphene oxide in BiVO <sub>4</sub> nanoparticles for improved photocatalytic hydrogen evolution and dyes degradation	Tahir, M. B.; Iqbal, Tahir; Kiran, Habiba; Hasan, Ali	Muhammad Bilal Tahir, Tahir Iqbal	INTERNATIONAL JOURNAL OF ENERGY RESEARCH	JCR	Physics	3.741
272	All ambient environment-based perovskite film fabrication for photovoltaic applications	Iqbal, Tahir; Shabbir, Umair; Sultan, Muhammad; Tahir, Muhammad Bilal; Farooq, Muhammad; Mansha, Muhammad Salim; Ijaz, Mohsin; Maraj, Mudassar	Tahir Iqbal, Muhammad Bilal Tahir, Mudassar Maraj	INTERNATIONAL JOURNAL OF ENERGY RESEARCH	JCR	Physics	3.741
273	A review on copper vanadate-based nanostructures for photocatalysis energy production	Hassan, A.; Iqbal, T.; Tahir, M. B.; Afsheen, S.	Tahir Iqbal, Muhammad Bilal Tahir, Summera Afsheen	INTERNATIONAL JOURNAL OF ENERGY RESEARCH	JCR	Physics	3.741
274	Facile hydrothermal synthesis of 3D flower-like La-MoS <sub>2</sub> nanostructure for photocatalytic hydrogen energy production	Riaz, Khalid Nadeem; Yousaf, Nadeem; Tahir, Muhammad Bilal; Israr, Zainab; Iqbal, Tahir	Khalid Nadeem Riaz, Muhammad Bilal Tahir, Tahir Iqbal	INTERNATIONAL JOURNAL OF ENERGY RESEARCH	JCR	Physics	3.741
275	Semiconductor nanomaterials for the detoxification of dyes in real wastewater under visible-light photocatalysis	Tahir, Muhammad Bilal; Tufail, Sunaina; Ahmad, Adeel; Rafique, M.; Iqbal, Tahir; Abrar, Muhammad; Nawaz, Tasmia; Khan, Muhammad Yaqoob; Ijaz, Mohsin	Tahir Iqbal, Muhammad Rafique, Muhammad Bilal Tahir	INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY	JCR	Physics	1.431

276	Photocatalytic performance of hybrid WO <sub>3</sub> /TiO <sub>2</sub> nanomaterials for the degradation of methylene blue under visible light irradiation	Tahir, Muhammad Bilal; Farman, Sohail; Rafique, Muhammad; Shakil, Muhammad; Khan, Muhammad Isa; Ijaz, Mohsin; Mubeen, Iqra; Ashraf, Maria; Riaz, Khalid Nadeem	Muhammad Bilal Tahir, Muhammad Rafique, Muhammad Shakil, Muhammad Isa Khan, Khalid Nadeem Riaz	INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY	JCR	Physics	1.431
277	A review on remediation of harmful dyes through visible light-driven WO <sub>3</sub> photocatalytic nanomaterials	Tahir, M. B.; Ali, S.; Rizwan, M.	Muhammad Bilal Tahir	INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY	JCR	Physics	2.54
278	Facile synthesis of IrO <sub>2</sub> nanoparticles decorated @ WO <sub>3</sub> as mixed oxide composite for outperformed oxygen evolution reaction	Tariq, Muhammad; Zaman, Waqas Qamar; Wu, Yiyi; Nabi, Azeem; Abbas, Zain; Iqbal, Waheed; Sun, Wei; Hao, Zhang; Zhou, Zhen Hua; Cao, Limei; Yang, Ji	Azeem Nabi	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	JCR	Physics	4.939
279	Engineering the performance of heterogeneous WO <sub>3</sub> /fullerene@Ni <sub>3</sub> B/Ni(OH) <sub>2</sub> Photocatalysts for Hydrogen Generation	Shahzad, Khurram; Tahir, Muhammad Bilal; Sagir, M.	Muhammad Bilal Tahir, Muhammad Sagir	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	JCR	Physics	4.939
280	Microbial photoelectrochemical cell for improved hydrogen evolution using nickel ferrite incorporated WO <sub>3</sub> under visible light irradiation	Tahir, Muhammad Bilal	Muhammad Bilal Tahir	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	JCR	Physics	4.939
281	First-principles study of vibrational properties of TiSiO <sub>4</sub> clusters	Majid, Abdul; Batool, Amber; Khan, Salah Ud-Din; Haider, Sajjad	Abdul Majid	INTERNATIONAL JOURNAL OF QUANTUM CHEMISTRY	JCR	Physics	1.747
282	Optical Properties of Titania-Zirconia Clusters: a TD-DFT Study	Majid, Abdul; Jabeeni, Alia; Khan, Salah Ud-Din; Haider, Sajjad	Abdul Majid	JOURNAL OF CLUSTER SCIENCE	JCR	Physics	1.731
283	Hybrid Nanocomposites of Multi-walled Carbon Nanotubes (MWCNTs) and CuO as Electrode Materials for Energy Storage Devices	Niaz, Niaz Ahmad; Hussain, Fayyaz; Khalil, Rana M. Arif; Imran, Muhammad; Shakoor, A.; Khalid, N. R.; Choudhry, Bushra; Khan, Muhammad Abdullah; Kim, Sungjun	Khalid Nadeem Riaz	JOURNAL OF ELECTRONIC MATERIALS	JCR	Physics	1.774
284	A Novel Ag <sub>2</sub> O/Fe-TiO <sub>2</sub> Photocatalyst for CO <sub>2</sub> Conversion into Methane Under Visible Light	Khalid, N. R.; Hussain, M. Khalid; Murtaza, G.; Ikram, M.; Ahmad, M.; Hammad, A.	Khalid nadeem Riaz	JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS	JCR	physics	1.941
285	Synergistic Effect Between WO <sub>3</sub> /Activated Carbon and BiVO <sub>4</sub> Nanoparticles for Improved Photocatalytic Hydrogen Evolution	Kiran, Habiba; Tahir, M. B.; Iobel, T.; Hassan, A.	M Bilal tahir, Tahir Iqbal	JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS	JCR	physics	1.941
286	Removal of Organic Colorants Using Nano Copper Antimony Oxychloride Synthesized by Non-solvated System	Rabbani, Faiz; Shaikh, Ahson J.; Khan, Jamil; Ajaz, Humayun; Rafique, Muhammad; Khan, Zia Ul Haq; Ail, Zulfiqar; Hussain, Habib; Gillani, M. Mazhar; Aslam, Khurshid; Shah, G. M.	Muhammad Rafique	JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS	JCR	physics	1.941
287	Voltage dependent physical, dielectric and magnetic properties of electrodeposited Co <sub>1-x</sub> Mn <sub>x</sub> alloy nanowires	Awais, Muhammad; Ahmad, Naeem; Khan, Suleman; Safeer, Affan; Javed, Khalid; Murtaza, Imran; Majid, Abdul	Abdul Majid	JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS	JCR	physics	2.717
288	Effects of thermal annealing on structural and magnetic properties of Mn ions implanted AlInN/GaN films	Majid, Abdul; Khan, Salah Ud-Din; Haider, Sajjad; Zhu, J. J.	Abdul Majid	JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS	JCR	physics	2.717
289	Spectroscopic and Structural Dynamics of MoS <sub>2</sub> Thin Films	Usman, Arslan; Karamat, Shumaila; Sattar, Abdul; Ashfaq, Afshan; Rafique, Muhammad; Dawes, Judith	Muhammad Rafique	JOURNAL OF NANO RESEARCH	JCR	Physics	1.238
290	First principles investigations of vibrational properties of titania and zirconia clusters	Majid, Abdul; Jabeen, Alia; Khan, Salah Ud-Din; Haider, Sajjad	Abdul Majid	JOURNAL OF NANOPARTICLE RESEARCH	JCR	Physics	2.132
291	Laser Surface Hardening of Gun Metal Alloys	Naeem, Samia; Mehmood, Tahir; Wu, K. M.; Khan, Babar Shahzad; Majid, Abdul; Siraj, Khurrum; Mukhtar, Aiman; Saeed, Adnan; Riaz, Saira	Abdul Majid	MATERIALS	JCR	physics	3.057
292	A review on perovskite lanthanum aluminate (LaAlO <sub>3</sub> ), its properties and applications	Rizwan, Muhammad; Gul, Samina; Iqbal, Tahir; Mushtaq, Uzma; Farooq, M. Hassan; Farman, Muhammad; Bibi, Rabia; Ijaz, Mohsin	Muhammad Rizwan, Tahir Iqbal	MATERIALS RESEARCH EXPRESS	JCR	Physics	1.929

293	Visible light sensitive Ag/TiO <sub>2</sub> /graphene composite as a potential coating material for control of Campylobacter jejuni	Noreen, Zobia; Khalid, N. R.; Abbasi, Rashda; Javed, Sundus; Ahmad, Imran; Bokhari, Habib	Khalid Nadeem Riaz	MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS	JCR	Physics	5.88
294	Theoretical study of structural, electronic and magnetic properties of equiatomic quaternary CoPdCrZ (Z = Si, Ge, P) Heusler alloys	Arshad, Hafsa; Zafar, M.; Ahmad, S.; Rizwan, M.; Khan, M., I; Gillani, S. S. A.; Cao, Chuan Bao; Shakil, M.	Muhammad Rizwan, Muhammad Isa Khan, Muhammad Shakil	MODERN PHYSICS LETTERS B	JCR	physics	1.224
295	Laser ablation synthesis of silver nanoparticles in water and dependence on laser nature	Rafique, Muhammad; Rafique, Muhammad Shahid; Kalsoom, Umber; Afzal, Amina; Butt, Shariqa Hassan; Usman, Arslan	Muhammad Rafique	OPTICAL AND QUANTUM ELECTRONICS	JCR	Physics	1.842
296	Effect of magnesium doping on band gap and optical properties of SrZrO <sub>3</sub> perovskite: A first-principles study	Gillani, S. S. A.; Ahmad, Riaz; Rizwan, Muhammad; Rafique, Muhammad; Ullah, Ghulam; Cao, C. B.; Jin, H. B.	M Rizwan, M rafique	OPTIK	JCR	physics	2.187
297	Theoretical study of structural, electronic, optical and elastic properties of Al <sub>x</sub> Ga <sub>1-x</sub> P	Zafar, M.; Masood, M. Kashif; Rizwan, M.; Zia, Anam; Ahmad, Shabbir; Akram, Arfan; Bao, Cao Chuan; Shakil, M.	M Rizwan, M Shakil	OPTIK	JCR	physics	2.187
298	Structural stability of SrZrO <sub>3</sub> perovskite and improvement in electronic and optical properties by Ca and Ba doping for optoelectronic applications: a DFT approach	Gillani, S. S. A.; Ahmad, Riaz; Zeba, I; Islah-u-din; Rizwan, Muhammad; Rafique, Muhammad; Shakil, M.; Jabbar, Saqib; Siddique, M.	M Rizwan, M rafique, M Shakil	PHILOSOPHICAL MAGAZINE	JCR	physics	1.778
299	Theoretical investigation of structural, magnetic and elastic properties of half Heusler LiCrZ (Z = P, As, Bi, Sb) alloys	Shakil, M.; Hassan, Sharjeel; Arshad, Hafsa; Rizwan, M.; Gillani, S. S. A.; Rafique, M.; Zafar, M.; Ahmed, Shabbir	M Shakil, M rizwan, M Rafique	PHYSICA B-CONDENSED MATTER	JCR	physics	1.902
300	Effect of magnesium on structural and optical properties of CaTiO <sub>3</sub> : A DFT study	Rizwan, Muhammad; Shahid, Azeem; Mahmood, Tariq; Zafar, Abrar Ahmad; Aslam, Imran; Adnan, N.; Hussain, Talab; Jin, H. B.; Cao, C. B.	M Rizwan	PHYSICA B-CONDENSED MATTER	JCR	physics	1.902
301	Structural, electronic and optical properties of copper-doped SrTiO <sub>3</sub> perovskite: A DFT study	Rizwan, Muhammad; Ali, Adnan; Usman, Zahid; Khalid, N. R.; Jin, H. B.; Cao, C. B.	M Rizwan, Khalid Nadeem Riaz	PHYSICA B-CONDENSED MATTER	JCR	Physics	1.902
302	Tailoring magnetic characteristics of phosphorene by the doping of Ce and Ti: A DFT study	Hussain, Fayyaz; Imran, Muhammad; Rana, Anwar Manzoor; Ismail, Muhammad; Khalil, R. M. Arif; Sattar, M. Atif; Javid, M. Arshad; Majid, Abdul; Cai, Yongqing	Abdul Majid	PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES	JCR	physics	3.57
303	Structural and Electronic Properties of PPy-DBSA/Zirconium Oxide Composites	Irfan, Muhammad; Shakoor, Abdul; Majid, Abdul; Hassam, Najamal; Ahmed, Niaz	Abdul majid	POLYMER SCIENCE SERIES A	JCR	physics	0.968
304	Irradiation effects of Cu ions on the electrical and morphological properties of polypropylene	Irfan, M.; Ali, S.; Tahir, M. B.; Rafique, M. S.	M Bilal tahir, M Rafique	POLYMERS & POLYMER COMPOSITES	JCR	physics	1.023
305	Study of Structural, Thermal and Dielectric Modulus of PPy-DBSA-Zirconium Oxide Composites	Irfan, M.; Shakoor, A.; Majid, A.; Hassam, N.; Ahmed, Niaz	Abdul Majid	RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY B	JCR	Physics	0.544
306	First principles study of transition metals doped SiC for application as counter electrode in DSSC	Majid, Abdul; Ullah, Irfan; Kubra, Khadija Tul; Khan, Salah Ud-Din; Haider, Sajjad	Abdul Majid	SURFACE SCIENCE	JCR	Physics	1.466
307	A Review of Recent Progress In Efficiency-Power Correlations of Silicon Hetero-Junction Solar Cells	Tahir Iqbal, Amna Azam, Aqsa Tehseen , Almas Bashir	Tahir Iqbal, Amna Azam, Aqsa Tehseen , Almas Bashir	Pakistan Journal of Scientific & Industrial Research (Pakistan)	X	Physics	N/A
308	Selection og Gamma Analysis acceptance Criteria In IMRT QA Using Gafchromic EBT3 film Dosimetry	M Isa Khan, M shakil, M bilal Tahir, M Rafique, Tahir Iqbal, Aliza Zahoor, Jalil ur Rehman, Khalid Iqbal and James C.L.Chow	M Isa Khan, M shakil, M bilal Tahir, M Rafique, Tahir Iqbal,	Journal of Radiotherapy in Practice	ESCI	Physics	N/A
309	Commissioning and Evaluation of the Radiochromic EBT3 Film Dosimetry System.	M Isa Khan, M bilal Tahir, M Rafique, Tahir Iqbal, Sabiha zulfiquar, Aliza Zahoor, Jalil ur Rehman, Khalid Iqbal and James C.L.Chow	M Isa Khan, M bilal Tahir, M Rafique, Tahir Iqbal	Journal of Radiotherapy in Practice	ESCI	Physics	N/A
310	In Vivo Study of Gold-Nanoparticles Usining Different Extracts for Kidney, Liver Function and Photocatalytic Application	M Isa Khan, Seemab Dildar, Tahir Iqbal, M shakil, M bilal Tahir, M Rafique , Farooq Aziz, Sardar Bibi, Mohsin Ijaz	M Isa Khan, M shakil, M bilal Tahir, M Rafique, Tahir Iqbal,	Chemical Reports.	ESCI	Physics	N/A

311	Novel and facile synthesis of silver nanoparticles using Albizia procera leaf extract for dye degradation and antibacterial applications	Rafique, Muhammad; Sadaf, Iqra; Tahira, M. Bilal; Rafique, M. Shahid; Nabi, Ghulam; Iqbal, Tahir; Sughra, Kalsoom	M Rafique, M bilal Tahir, Ghulam Nabi, Tahir iqbal, Kalsoom Sughra	MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS	JCR	Physics, Biochemistry & Biotechnology	5.88
312	Role of CuCo2S4 in Z-scheme MoSe2/BiVO4 composite for efficient photocatalytic reduction of heavy metals	Shahzad, Khurram; Tahir, Muhammad Bilal; Sagir, M.; Kabli, Mohammad Reda	Muhammad Bilal Tahir, Muhammad Sagir	CERAMICS INTERNATIONAL	JCR	Physics, Chemical Engineering	3.83
313	Fabrication of heterogeneous photocatalysts for insight role of carbon heck nanofibre in hierarchical WO3/ MoSe2 composite for enhanced photocatalytic hydrogen generation	Tahir, M. B.; Asiri, Abdullah M.; Nabi, Ghulam; Rafique, M.; Sagir, M.	Muhammad Bilal Tahir, Ghulam Nabi, Muhammad Rafique, Muhammad Sagir	CERAMICS INTERNATIONAL	JCR	Physics, Chemical Engineering	3.83
314	Removal of acetylsalicylate and methyl-theobromine from aqueous environment using nano-photocatalyst WO3-TiO2 @g-C3N4 composite	Tahir, M. B.; Sagir, M.; Shahzad, K.	Muhammad Bilal Tahir, Muhammad Sagir	JOURNAL OF HAZARDOUS MATERIALS	JCR	Physics, Chemical Engineering	9.038
315	Investigation of Photocatalytic and Seed Germination Effects of TiO2 Nanoparticles Synthesized by Melia azedarach L. Leaf Extract	Rafique, Muhammad; Jahangir, Javeria; Amin, Bilal Ahmad Zafar; Tahir, M. Bilal; Nabi, Ghulam; Isa Khan, M.; Khalid, N. R.; Gillani, S. S. A.; Sadaf, Iqra	M. Bilal Tahir, Ghulam Nabi, M Isa Khan, Khalid Nadeem Riaz	JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS	JCR	Physics, Chemical Engineering	1.941
316	Carbon nanodots and rare metals (RM = La, Gd, Er) doped tungsten oxide nanostructures for photocatalytic dyes degradation and hydrogen production	Tahir, M. Bilal; Sagir, M.	M bilal tahir, M Sagir	SEPARATION AND PURIFICATION TECHNOLOGY	JCR	Physics, Chemical Engineering	5.774
317	Enhanced photocatalytic performance of CdO-WO3 composite for hydrogen production	Tahir, Muhammad Bilal; Sagir, Muhammad; Abas, Naeem	Muhammad Bilal Tahir, Muhammad Sagir, Naeem Abas	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	JCR	Physics, Electrical Engineering	4.939
318	A review on transition metal doped silicon carbide	Majid, Abdul; Rani, Naema; Malik, Muhammad Faheem; Ahmad, Naeem; Najam-al-Hassan; Hussain, Fayyaz; Shakoora, Abdul	Abdul Majid, Muhammad Faheem Malik	CERAMICS INTERNATIONAL	JCR	Physics, Zoology	3.83
319	Preparation and characterization of polyvinylidene fluoride/1-butyl-3-methylimidazolium bromide-based ionogel membranes for desalination applications	Iqbal, T.; Sahrash, R.; Siddiq, A.; Afsheen, S.; Tahir, M. B.; Khan, M. I.; Riaz, K. N.; Nabi, G.; Fahad, M.; Sharif, M.; Abrar, M.	Tahir Iqbal, Sumera Afsheen, Muhammad Bilal Tahir, Muhammad Isa Khan, Khalid Nadeem Riaz, Ghulam Nabi	INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY	JCR	Physics, Zoology	2.54
320	Cold plasma treatment and laser irradiation of Triticum spp. seeds for sterilization and germination	Iqbal, T.; Farooq, M.; Afsheen, S.; Abrar, M.; Yousaf, M.; Ijaz, M.	Tahir Iqbal, Sumera Afsheen	JOURNAL OF LASER APPLICATIONS	JCR	Physics, Zoology	1.41
321	Qualitative and quantitative analysis of nanoparticles using laser-induced breakdown spectroscopy (LIBS) and energy dispersive x-ray spectroscopy (EDS)	Iqbal, T.; Ejaz, A.; Abrar, M.; Afsheen, S.; Batool, S. S.; Fahad, M.; Tahir, M. B.	Tahir Iqbal, Sumera Afsheen, M Bilal Tahir	LASER PHYSICS	JCR	Physics, Zoology	1.333
322	Optimization of 1D Silver Grating Devices for Extraordinary Optical Transmission	Iqbal, Tahir; Farooq, Muhammad Umar; Ijaz, Mohsin; Afsheen, Sumera; Rizwan, Muhammad; Tahir, Muhammad Bilal	Tahir Iqbal, Sumera Afsheen, M rizwan, M Bilal Tahir	PLASMONICS	JCR	Physics, Zoology	2.335
323	Optimization of 1D Plasmonic Grating of Nanostructured Devices for the Investigation of Plasmonic Bandgap	Iqbal, Tahir; Khalil, Saba; Ijaz, Mohsin; Riaz, Khalid Nadeem; Khan, Muhammad Isa; Shakil, Muhammad; Nabi, Azeem Ghulam; Javaid, Muhammad; Abrar, Muhammad; Afsheen, Sumera	Tahir Iqbal, khalid Nadeem Riaz, M Isa Khan, M shakil, Azeem Ghulam Nabi, Sumera Afsheen	PLASMONICS	JCR	Physics, Zoology	2.335
324	Investigation of Plasmonic Bandgap for 1D Exposed and Buried Metallic Gratings	Iqbal, Tahir; Bashir, Almas; Shakil, Muhammad; Afsheen, Sumera; Tehseen, Aqsa; Ijaz, Mohsin; Riaz, Khalid Nadeem	Tahir Iqbal, M shakil, sumera afsheen, khalid nadeem riaz	PLASMONICS	JCR	Physics, Zoology	2.335

325	An Optimal Au Grating Structure for Light Absorption in Amorphous Silicon Thin Film Solar Cell	Iqbal, Tahir; Ijaz, Mohsin; Javaid, Muhammad; Rafique, Muhammad; Riaz, Khalid Nadeem; Tahir, Muhammad Bilal; Nabi, Ghulam; Abrar, Muhammad; Afsheen, Sumera	Tahir Iqbal, M Rafique, Khalid Nadeem Riaz, M Bilal Tahir, Ghulam Nabi, Sumera Afsheen	PLASMONICS	JCR	Physics, Zoology	2.335
326	Emerging Network Centric Warfare Capabilities of Indian Military: Challenges for Pakistan's Security" Margalla Papers, Vol. XXIII, Issue-II, 2019	Muhammad Jawad Hashmi and Sultan Mubariz Khan	Muhammad Jawad Hashmi and Sultan Mubariz Khan	Margalla Papers	Y	Political Science and International Relations	N/A
327	Horizontal Inequalities and Identity Conflicts: A Study of Pakistan	Sultan Mubariz Khan, Misbah Shaheen, Manzoor Ahmad	Sultan Mubariz Khan	Journal of the Research Society of Pakistan	Y	Political Science and International Relations	N/A
328	Pakistan's Quest for Security of Nuclear Weapons: An Analysis	Muhammad Jawad Hashmi, Ashfaq Ahmed, Muhammad Owais	Muhammad Jawad Hashmi	Pakistan Social Sciences Review	X	Political Science and International Relations	N/A
329	Pakistan-China Military and Security Ties: A Qualitative Analysis	Muhammad Jawad Hashmi, Sobia Jamil, Dr. Ashfaq Ahmed	Muhammad Jawad Hashmi	Pakistan Social Sciences Review	X	Political Science and International Relations	N/A
330	Women In Parliament: Investigating The Role Of Women Parliamentarians In Pakistan (2008-2013)	Qurat ul Ain, Muhammad Mushtaq	Muhammad Mushtaq	The Government - Annual Research Journal of Political Science	Y	Political Science and International Relations	N/A
331	The Psychological Motives Of Safe Motherhood Practices: A Case Of Married Females In Gujrat	Ummel Baneen, Fauzia Maqsood, Sidra Maqsood	Ummel Baneen, Fauzia Maqsood	Pakistan Journal of Gender Studies	Y	Political Science and International Relations & Sociology	N/A
332	Psychological well-being of substance use patient: Role of religious therapy as the treatment	Bano, Zaqia; Naz, Iram; Leghari, Naeem; Ahmed, Ishtiaq	Zaqia Bano, Iram Naz	PAKISTAN JOURNAL OF MEDICAL SCIENCES	JCR	psychology	0.754
333	A Biological, psychological and environmental factors of suicidal ideation among the patients with presbycusis	Bushra Akram, Mehak Batool, Asma Bibi	Bushra Akram	Isra Medical Journal	Y	Psychology	N/A
334	Bullying Behavior in Rural Area Schools of Gujrat, Pakistan: Prevalence and Gender Differences	Namra Shahzadi, Bushra Akram, Saima Dawood, Bushra Bibi	Namra Shahzadi, Bushra Akram, Bushra Bibi	Pakistan Journal of Social and Clinical Psychology	Y	Psychology	N/A
335	Xylophagia: a meta-synthesis of the literature	Fahad Riaz Choudhry, Khadeeja Munawar, Bushra Akram, Yaser Mohammed Al-Worafi, Faizah Safina Bakrin, Li Ying Tey, Sabrina Anne Jacob, Goh Bey Hing, Tahir Mehmood Khan, Lee Learn Han, Anila Kamal	Bushra Akram	Mental Health Review Journal	ESCI	Psychology	N/A
336	Burden of care and Suicidal Ideation among Mothers of Children with Autism Spectrum Disorder: Perceived Social Support as a Moderator	Bushra Akram, Mehak Batool, Asma Bibi	Bushra Akram	Journal of the Pakistan Medical Association	JCR	Psychology	0.573
337	Moral disengagement and relational aggression: the mediating role of machiavellianism, narcissism and psychopathy	Saima Riaz, Zaqia Bano, Istiaq Ahmed	Saima Riaz, Zaqia Bano	Rawal Medical Journal	Y	Psychology	N/A
338	Social anxiety in adolescents: prevalence and morbidity	Zaqia Bano, Riaz Ahmed, Saima Riaz	Zaqia Bano, Saima Riaz	Pakistan Armed Forces Medical Journal	Y	Psychology	N/A
339	Development and Psychometric Properties of Adult Temperament Scale: A reliable measure for adjustment and psychopathology	Razia Anjum, Zaqia Bano	Zaqia Bano	Rawal Medical Journal	Y	Psychology	N/A
340	Development and psychometric properties of Conflict Management Scale for Adolescents	Zakia Bano, Saima Rani	Zaqia Bano	Rawal Medical Journal	Y	Psychology	N/A
341	Parenting styles as Determinants of Conflict Mnagement and anxiety among adolescents	Zakia Bano, Saima Rani, Naeem Ullah Leghari	Zaqia Bano	Isra Medical Journal	Y	Psychology	N/A

342	Socioeconomic Status, Dependent Personality and NailBiting behavior among Adults: Evaluation of Strutral Relationship	Zakia Bano, Imtiaz Ahmad Warraich, Iram Naz, Aqsa Shahzadi	Zakia Bano, Iram Naz	Review of Economics and Development Studies	Y	Psychology	N/A
343	Stigma as a Predictor of Psychological issues among orphans resides in orphanages	Zaqia Bano, Sabeen Fatima, Iram Naz	Zakia Bano, Iram Naz	Pakistan Armed Forces Medical Journal	Y	Psychology	N/A
344	Relationship Between Socio-economic Factors and Adjustment of Women Burn Survivors: An Emperical Evidence from Primary Data Analysis	Iram Naz, Zakia Bano, Raheel Abbas, Muhammad Rizwan	Zakia Bano, Iram Naz	Pakistan Journal of Social Sciences	Y	Psychology	N/A
345	Sucidity Scale: Suicidal ideation, ention and attempt is risk factor in adolescents	Zaqia Bano, Hajrah Aslam, Iram Naz	Zaqia Bano, Iram Naz	Isra Medical Journal	Y	Psychology	N/A
346	Learned helplessness and Suicidality: Role of cognitive behavior therapy	Hajrah Aslam, Zaqia Bano	Zaqia Bano	Rawal Medical Journal	Y	Psychology	N/A
347	Development of an Indigenous Parental Perceived Stress Scale (PPSS) for Children with Autism Spectrum Disorders (ASD)	Noreena Kausar, Bushra Akram, Saima Dawood, Fayyaz Ahmad	Noreena Kausar, Bushra Akram, Fayyaz Ahmad	Pakistan Journal of Psychological Research	X	Psychology & Statistics	N/A
348	Socio-demographic Variables and Parental Stress of Children with Autism Spectrum Disorder	Noreena Kausar, Bushra Akram, Saima Dawood, Fayyaz Ahmad	Noreena Kausar, Bushra Akram, Fayyaz Ahmad	Pakistan Journal of Social Issues	Y	Psychology & Statistics	N/A
349	Translation, Validation and Factor Structure of the Handling Bullying Questionnaire in Pakistan	Namra Shahzadi, Bushra Akram, Saima Dawood, Fayyaz Ahmad	Namra Shahzadi, Bushra Akram, Fayyaz Ahmad	Pakistan Journal of Psychological Research	X	Psychology & Statistics	N/A
350	The Role of Information Communication Technology (ICT) Learning Avenues, Facilities and Barriers in Evaluation of ICT Skills	Saeed Ahmad, Fauzia Maqsood, Ahsan Ullah , Mudasir Mustafa	Saeed Ahmad, Fauzia Maqsood	Pakistan journal of Social Issues	Y	Sociology	N/A
351	Social Media News Classification in Healthcare Communication	Majeed, Fiaz; Asif, Muhammad Waqes; Hassan, Muhammad Awais; Abbas, Syed Ali; Lali, M. Ikramullah	Fiaz Majeed	JOURNAL OF MEDICAL IMAGING AND HEALTH INFORMATICS	JCR	Software Engineering	0.659
352	Investigating the Practices of Project Governance in Public Sector Infrastructure Program in Pakistan	Khan, Asadullah; Waris, Muhammad; Ismail, Ishak; Sajid, Mirza Rizwan; Ali, Zaigham; Ullah, Mahfooz; Hussain, Ammar	Mirza Rizwan Sajid	ADVANCES IN CIVIL ENGINEERING	JCR	Statistics	1.176
353	THE INTERRELATIONSHIPS OF CHILD UNDER-NUTRITION, ECOLOGICAL AND MATERNAL FACTORS: A CASE STUDY OF PAKISTAN BY USING COMPOSITE INDEX OF ANTHROPOMETRIC FAILURE	Asif, M. A.; Akbar, M.; Noor, F.; Sherwani, R. A. K.; Farooq, M.	Muhammad Farooq	APPLIED ECOLOGY AND ENVIRONMENTAL RESEARCH	JCR	Statistics	0.712
354	Classification of Alzheimer disease among susceptible brain regions	Fayyaz Ahmad, Hifza Zulifqar, Tamoor Malik	Fayyaz Ahmad	International Journal of Imaging Systems and Technology	JCR	Statistics	1.925
355	Learning rates for kernel-based expectile regression	Farooq, Muhammad; Steinwart, Ingo	Muhammad Farooq	MACHINE LEARNING	JCR	Statistics	2.672
356	Evolution of efficacious pangenotypic hepatitis C virus therapies	Ashraf, Muhammad Usman; Iman, Kanzal; Khalid, Muhammad Farhan; Salman, Hafiz Muhammad; Shafi, Talha; Rafi, Momal; Javaid, Nida; Hussain, Rashid; Ahmad, Fayyaz; Shahzad-Ul-Hussan, Syed; Mirza, Shaper; Shafiq, Muhammad; Afzal, Samia; Hamera, Sadia; Anwar, Saima; Qazi, Romena; Idrees, Muhammad; Qureshi, Sohail A.; Chaudhary, Safee Ullah	Fayyaz Ahmad	MEDICINAL RESEARCH REVIEWS	JCR	Statistics	9.3
357	SPECTRUM - A MATLAB Toolbox for Proteoform Identification from Top-Down Proteomics Data	Basharat, Abdul Rehman; Iman, Kanzal; Khalid, Muhammad Farhan; Anwar, Zohra; Hussain, Rashid; Kabir, Humnah Gohar; Tahreem, Maria; Shahid, Anam; Humayun, Maheen; Hayat, Hira Azmat; Mustafa, Muhammad; Shoaib, Muhammad Ali; Ullah, Zakir; Zarina, Shamshad; Ahmed, Sameer; Uddin, Emad; Hamera, Sadia; Ahmad, Fayyaz; Chaudhary, Safee Ullah	Fayyaz Ahmad	SCIENTIFIC REPORTS	JCR	statistics	3.998

358	Beta Exponentiated Modified Weibull Distribution: Properties and Application	Shahzad, Mirza Naveed; Ullah, Ehsan; Hussanan, Abid	Mirza Naveed shahzad	SYMMETRY-BASEL	JCR	Statistics	2.645
359	Nurses in double trouble: Antecedents of job burnout in nursing profession	Shahzad, Mirza Naveed; Ahmed, Mirza Ashfaq; Akram, Bushra	Mirza Naveed shahzad, Mirza ashfaq Ahmad, Dr Bushra Akram	PAKISTAN JOURNAL OF MEDICAL SCIENCES	JCR	Statistics, Management sciences, Psychology	0.754
360	CHANGES IN IRISIN RELEASE IN RESPONSE TO PERIPHERAL KISSPEPTIN-10 ADMINISTRATION IN HEALTHY AND OBESE ADULT MEN	Shamas, S.; Rani, S.; Afsheen, S.; Shahab, M.; Ejaz, R.; Sadia, H.; Khan, L.; Rehman, T. U.; Roshan, S.; Mayo, A.	Shazia Shamas, Summera Afsheen, Sadia Roshan	ACTA ENDOCRINOLOGICA-BUCHAREST	JCR	Zoology	0.55
361	Effect of dietary oxidized oil and vitamin E on growth performance, lipid peroxidation and fatty acid profile of Labeo rohita fingerlings	Fatima, Mahroze; Afzal, Muhammad; Shah, Syed Zakir Hussain	Syed Zakir Hussain Shah	AQUACULTURE NUTRITION	JCR	Zoology	2.231
362	Modifying bio-catalytic properties of enzymes for efficient biocatalysis: a review from immobilization strategies viewpoint	Bilal, Muhammad; Zhao, Yuping; Noreen, Sadia; Shah, Syed Zakir Hussain; Bharagava, Ram Naresh; Iqbal, Hafiz M. N.	Syed Zakir Hussain Shah	BIOCATALYSIS AND BIOTRANSFORMATION	JCR	Zoology	1.863
363	Visual features based automated identification of fish species using deep convolutional neural networks	Rauf, Hafiz Tayyab; Lali, M. Ikram Ullah; Zahoor, Saliha; Shah, Syed Zakir Hussain; Rehman, Abd Ur; Bukhari, Syed Ahmad Chan	Syed Zakir Hussain Shah	COMPUTERS AND ELECTRONICS IN AGRICULTURE	JCR	Zoology	3.858
364	Engineering enzyme-coupled hybrid nanoflowers: The quest for optimum performance to meet biocatalytic challenges and opportunities	Bilal, Muhammad; Asgher, Muhammad; Shah, Syed Zakir Hussain; Iqbal, Hafiz M. N.	Syed Zakir Hussain Shah	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	JCR	Zoology	5.162
365	SOME NEW REMAINS OF TRAGULIDAE (MAMMALIA: RUMINANTIA) FROM THE MIDDLE SIWALIKS OF PAKISTAN	Asim, M.; Babar, M. A.; Aftab, K.; Khan, M. A.; Abbas, S. G.; Shahid, R.; Nawaz, M. K.; Akhtar, M.	Kiran Aftab	JOURNAL OF ANIMAL AND PLANT SCIENCES	JCR	Zoology	0.481
366	NEW REMAINS OF MICROSTONYX (SUIDAE, ARTIODACTYLS) FROM THE MIOCENE OF PAKISTAN	Ahmad, Z.; Aftab, K.; Azad, S.; Khan, M. A.	Kiran Aftab	JOURNAL OF ANIMAL AND PLANT SCIENCES	JCR	Zoology	0.481
367	NEW FOSSILS OF SUIDAE (MAMMALIA) FROM DHOK PATHAN FORMATION OF SIWALIKS, PUNJAB, PAKISTAN	Dar, F. Y.; Aftab, K.; Babar, M. A.; Khan, M. A.; Abbas, S. G.; Shahid, R.; Asim, M.	Kiran Aftab	JOURNAL OF ANIMAL AND PLANT SCIENCES	JCR	Zoology	0.481
368	NEW RECORDS OF GENUS PTECTICUS LOEW, 1855 (DIPTERA: STRATIOMYIDAE) FROM PAKISTAN	Hassan, M. A.; Bodlah, I; Malik, M. F.; Gull-E-Fareen, A.	Muhammad Faheem Malik	JOURNAL OF ANIMAL AND PLANT SCIENCES	JCR	Zoology	0.481
369	Dietary zinc requirement of Labeo rohita juveniles fed practical diets	Akram, Zainab; Fatima, Mahroze; Sha, Syed Zakir Hussain; Afzal, Muhammad; Hussain, Syed Makhdoom; Hussai, Majid; Khan, Zafar Iqbal; Akram, Khadija	Syed Zakir Hussain Shah	JOURNAL OF APPLIED ANIMAL RESEARCH	JCR	Zoology	1.248
370	Hepcidin: A key regulator of iron	Saneela, Syeda; Iqbal, Razia; Raza, Ali; Qamar, Muhammad Fiaz	Razia Iqbal	JOURNAL OF THE PAKISTAN MEDICAL ASSOCIATION	JCR	Zoology	0.573
371	Dietary Formic Acid and Vitamin D3 as Growth Effective Supplement for Grass Carp Fingerlings	Shafique, Laiba; Afzal, Muhammad; Shah, Syed Zakir Hussain; Fatima, Mahroze; Naz, Huma; Rehman, Saif Ur; Wei, Youchuan; Liu, Qingyou	Syed Zakir Hussain Shah	PAKISTAN JOURNAL OF ZOOLOGY	JCR	zoology	0.79
372	Effectiveness of Acidification and Phytase Pretreatment on Growth Performance, Muscle Proximate Composition and Nutrient Digestibility of Rohu (Labeo rohita, Hamilton 1822) Juveniles Fed Soybean Meal Based Diet	Afzal, Muhammad; Sultana, Nighat; Hassan, Ali; Shah, Syed Zakir Hussain; Fatima, Mahroze; Hussain, Syed Makhdoom; Bilal, Muhammad; Hussain, Majid	Syed Zakir Hussain Shah	PAKISTAN JOURNAL OF ZOOLOGY	JCR	zoology	0.79
373	New Giraffokeryx and Giraffa (Ruminantia, Giraffidae) Dental Material from Lower Siwaliks of Northern Pakistan	Aftab, Kiran; Asim, Muhammad; Nawaz, Muhammad Khalil; Babar, M. Adeeb; Khan, Muhammad Akbar; Ahmed, Zaheer	Dr Kiran Aftab	PAKISTAN JOURNAL OF ZOOLOGY	JCR	Zoology	0.79
374	Poverty-associated emerging infection of Cystic Echinococcosis in population of Northern Pakistan: A hospital based study	Khan, A.; Ahmed, H.; Simsek, S.; Gondal, M. A.; Afzal, M. S.; Irum, S.; Muhammad, I; Mansur, H.; Fatima, A.; Ali, M. S.; Riaz, N.; Akbar, A.; Weiping, W.; Yayi, G.	Shumaila Iram	TROPICAL BIOMEDICINE	JCR	Zoology	0.509

375	Protease Production from <i>Cheatomium globusum</i> Through Central Composite Design Using Agricultural Wastes and Its Immobilization for Industrial Exploitation	Nadeem, Fareeha; Mehmood, Tahir; Naveed, Muhammad; Shamas, Shazia; Saman, Tasmia; Anwar, Zahid	Shazia Shamas	WASTE AND BIOMASS VALORIZATION	JCR	Zoology	2.851
376	An overview of mechanism of egress of RBC from bone marrow	Fatima Zafar, Razia Iqbal, Muhammad Faheem Malik, Muhammad Irfan, Mubashar Hussain	Razia Iqbal, Muhammad Faheem Malik, Mubashar Hussain	Electronic Journal of Biology	Zoological Record	Zoology	N/A
377	Comparative effect of methionine and cysteine supplementation on growth performance and blood profile of Desi chicks	Mehtab Haseena, Razia Iqbal, Muhammad Faheem Malik, Syed Usman Haider, Abid Hussain, Tahir Aziz, Naveed Iftikhar	Razia Iqbal, Muhammad Faheem Malik	Pure and Applied Biology	Y	Zoology	N/A
378	Fish-Pak: Fish Species Dataset from Pakistan for Visual Features Based Classification	Syed Zakir Hussain Shah, Hafiz Tayyab Rauf, Muhammad Ikram Ullah, Malik Shahzaib Khalid, Muhammad Farooq, Mahroze Fatima, Syed Ahmad Chan Bukhari	Syed Zakir Hussain Shah	Data in Brief	ESCI	Zoology	N/A
379	Effect of glyphosate on hematological and biochemical parameters of Rabbit ( <i>Oryctolagus cuniculus</i> )	Sanam Naz, Razia Iqbal, Aftab Ahmad, Muhammad Faheem Malik, Muhammad Jabbar, Rashid Yaqoob, Muhammad Saeed, Abid Hussain, Tahir Aziz, Syed Usman Haider and Abdul Razaq	Razia Iqbal, Muhammad Faheem Malik	Pure and Applied Biology	Y	Zoology	N/A
380	Histopathological effects of galanin on reproductive hormones and reproductive organs of rabbit ( <i>Oryctolagus cuniculus</i> )	Suleman Hussain Shah, Razia Iqbal, Mubashar Hussain, Muhammad Faheem Malik, Bilal Mukhtar and Muhammad Saqib Sajid	Razia Iqbal, Mubashar Hussain, Muhammad Faheem Malik	Pure and Applied Biology	Y	Zoology	N/A
381	Potential of plant oils against <i>Callosobruchus maculatus</i> (Coleoptera; Bruchidae) on stored mung bean ( <i>Vigna radiata</i> )	Anam Sarwar, Sumera Afsheen, Syed Shakeel Shah, Sabila Afzal	Sumera Afsheen	Asian Journal of Agriculture and Biology	Y	Zoology	N/A
382	Teratogenic effects of cypermethrin and carbaryl on swiss albino mice ( <i>Mus musculus</i> )	Muhammad Saqib Sajid, Razia Iqbal, Mubashar Hussain, Muhammad Faheem Malik and Suleman Hussain Shah	Razia Iqbal, Mubashar Hussain, Muhammad Faheem Malik	Pure and Applied Biology	Y	Zoology	N/A
383	Plant-extract mediated green approach for the synthesis of ZnONPs: Characterization and evaluation of cytotoxic, antimicrobial and antioxidant potentials	Iqbal, Javed; Abbasi, Banzeer Ahsan; Mahmood, Tariq; Kanwal, Sobia; Ahmad, Riaz; Ashraf, Muhammad	Sobia Kanwal	JOURNAL OF MOLECULAR STRUCTURE	JCR	Zoology Rawalpindi Campus	2.463
384	Modeling of 1D Au plasmonic grating as efficient gas sensor	Afsheen, Sumera; Iqbal, Tahir; Aftab, Muhammad; Bashir, Almas; Tehseen, Aqsa; Khan, Muhammad Yaqoob; Ijaz, Mohsin	Sumera Afsheen, Tahir Iqbal	MATERIALS RESEARCH EXPRESS	JCR	Zoology, Physics	1.929
385	Influence of cold plasma treatment on insecticidal properties of wheat seeds against red flour beetles	Afsheen, S.; Fatima, U.; Iqbal, T.; Abrar, M.; Muhammad, S.; Saeed, A.; Isa, M.; Malik, M. F.; Shamas, S.	Sumera Afsheen, Tahir Iqbal	PLASMA SCIENCE & TECHNOLOGY	JCR	Zoology, Physics	1.358
386	Small-scale fisheries: Overview, importance, vulnerabilities and management	Noman, Muhammad; Mohsin, Muhammad; Bukhari, Gulzar Ali Shah; Hamid, Zainab; Mehak, Ana		INDIAN JOURNAL OF GEO-MARINE SCIENCES	JCR		0.328