

No.	Citation	Interdisciplinary dept	DOI
1	Maria Ashraf, Tahir Iqbal, Arslan Masood , Experimental and Theoretical Verification of WO <sub>3</sub> Based Nanocomposites for Their Application as Efficient Photo Catalyst for Treatment of Industrial Wastewater	physics, chemistry	10.1007/s10904-023-02705-w
2	Shahida Bashir, Nauman Riaz Chaudhry ,A novel approach to study ternary semihypergroups in terms of prime soft hyperideals	Mathematics, computer science	10.3934/math.20231033
3	Iqbal, T,Ghulam Nabi, Sumera Afsheen ,Theoretical and experimental analysis of La-doped CuO for their application an efficient photocatalyst	physics, zoology	10.1007/s13399-023-04056-5
4	Tahir Iqbal,Sumera Afsheen,Maria Zafar,Amina Iqbal,Aleena Shoukat,An overview of green synthesis of zinc oxide nanoparticle by using various natural entities	physics,zoology	10.1080/24701556.2023.2165681
5	Abrar U. Hassan,Sajjad H. Sumrra,Muddassar Zafar,Sadaf Noreen,DFT-guided structural modeling of end-group acceptors at Y123 core for sensitizers as high-performance organic solar dyes and NLO responses	Chemistry, Biochemistry and Biotechnology	10.1007/s00894-023-05668-4

6	Kanwal Zahra, Behzad Anwar, Patriarchy and Counter Discourses: A Critique of Female Subordination in Dangarembga's Nervous Conditions	Languages and Translation Studies, English	10.17576/gema-2023-2303-07
7	Kayani, A. I., Zahra, K., & Anwar, B. (2023). Patriarchy and Counter Discourses: A Critique of Female Subordination in Dangarembga's Nervous Conditions. <i>Gema Online Journal of Language Studies</i> , 23(3).	Languages and Translation Studies, English	10.17576/gema-2023-2303-07
8	Naseer, H., Iqbal, T., Afsheen, S., & Ali, A. M. (2023). Novel green synthesis of magnesium–titanium–zinc trimetal oxide nanocomposites as heterogeneous photocatalysts for antibacterial activities and shelf life applications. <i>The European Physical Journal Plus</i> , 138(8), 1-15.	Physics, Zoology	10.1140/epjp/s13360-023-04387-2
9	Ali, N., Shoaib, M., & Abdullah, F. (2023). Information literacy and research support services in academic libraries: A bibliometric analysis from 2001 to 2020. <i>Journal of Information Science</i> , 49 (6), 1593-1606.	Quaid-e-Azam Library , Sociology	10.1177/01655515211068169
10	Tehseen, A., Ehsan, T., Liaqat, H. B., Ali, A., & Al-Fuqaha, A. (2023). Neural POS tagging of shahmukhi by using contextualized word representations. <i>Journal of King Saud University-Computer and Information Sciences</i> , 35 (1), 335-356.	Information Technology, Computer Science	10.1016/j.jksuci.2022.12.004

11	Ahmad, F., Ahmad, I., & Guerrero-Sánchez, Y. (2023). Classification of schizophrenia-associated brain regions in resting-state fMRI. <i>The European Physical Journal Plus</i> , 138(1), 1-12.	Statistics, mathematics	10.1140/epjp/s13360-023-03687-x
12	Majeed, M., Lu, L., Anwar, M. M., Tariq, A., Qin, S., El-Hefnawy, M. E., ... & Alasmari, A. (2023). Prediction of flash flood susceptibility using integrating analytic hierarchy process (AHP) and frequency ratio (FR) algorithms. <i>Frontiers in Environmental Science</i> , 10, 1037547.	botany, Geography	10.3389/fenvs.2022.1037547
13	Razzaq, L., Abbas, M. M., Waseem, A., Jauhar, T. A., Fayaz, H., Kalam, M. A., ... & Ishtiaq, U. (2023). Influence of varying concentrations of TiO <sub>2</sub> nanoparticles and engine speed on the performance and emissions of diesel engine operated on waste cooking oil biodiesel blends using response surface methodology. <i>Heliyon</i> , 9(7).	Mechanical Engineering Technology, Chemical Engineering	10.1016/j.heliyon.2023.e17758
14	Masood, A., Iqbal, T., Ashraf, M., Nazir, A., Ali, F., Ranjha, Q. A., ... & Galal, A. M. (2023). Synthesis and characterization of cadmium doped zinc oxide nanoparticles for visible light driven catalytic removal of MB and RhB dye: experimental and computational analysis. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 33(7), 1841-1854.	Physics, Computer Science	<a href="https://doi.org/10.1007/s10904-023-02618-8">doi.org/10.1007/s10904-023-02618-8</a>
15	Ashfaq, M., Li, Y., Zubair, M., Ur Rehman, M. S., Sumrra, S. H., Nazar, M. F., ... & Sun, Q. (2023). Occurrence and risk evaluation of endocrine-disrupting chemicals in wastewater and surface water of Lahore, Pakistan. <i>Environmental Geochemistry and Health</i> , 45(7), 4837-4851.	chemistry,Geography	<a href="https://doi.org/10.1007/s10653-023-01527-6">doi.org/10.1007/s10653-023-01527-6</a>

16	Ahmad, F., Javed, M., Athar, M., & Shahzadi, S. (2023). Determination of affected brain regions at various stages of Alzheimer's disease. <i>Neuroscience Research</i> , 192, 77-82.	statsistics,Computer Science	<a href="https://doi.org/10.1016/j.neures.2023.01.010">doi.org/10.1016/j.neures.2023.01.010</a>
17	Abbas, Z., Ayub, K. S., Zaman, W. Q., Shan, A., Idrees, A., Abbas, M., ... & Yang, J. (2023). Enhanced toluene degradation using Co <sub>3</sub> O <sub>4</sub> nanorods in post plasma catalysis. <i>Research on Chemical Intermediates</i> , 49(7), 2843-2853.	Chemical Engineering,Environmental Sciences	<a href="https://doi.org/10.1007/s11164-023-05025-3">doi.org/10.1007/s11164-023-05025-3</a>
18	Awais, S., Munir, H., Najeeb, J., Anjum, F., Naseem, K., Kausar, N., ... & Najeeb, N. (2023). Green synthesis of iron oxide nanoparticles using Bombax malabaricum for antioxidant, antimicrobial and photocatalytic applications. <i>Journal of Cleaner Production</i> , 406, 136916.	Biochemistry,Chemistry	<a href="https://doi.org/10.1016/j.jclepro.2023.136916">doi.org/10.1016/j.jclepro.2023.136916</a>
19	Ayub, K. S., Abbas, Z., Zaman, W. Q., Rauf, S., Arshad, M., Ali, M., ... & Yang, J. (2023). Nonthermal plasma catalysis using ferrites as an efficient catalyst for toluene degradation. <i>Research on Chemical Intermediates</i> , 49(6), 2399-2415.	Chemical Engineering, Electrical Engineering	<a href="https://doi.org/10.1007/s11164-023-05010-w">doi.org/10.1007/s11164-023-05010-w</a>
20	Mehmood, S. Z., Arshad, M., Alharbi, F. M., Eldin, S. M., & Galal, A. M. (2023). Multiferroics Made via Chemical Co-Precipitation That Is Synthesized and Characterized as Bi (1-x) Cd <sub>x</sub> FeO <sub>3</sub> . <i>Inorganics</i> , 11(3), 134.	Physics,Mathematics	<a href="https://doi.org/10.3390/inorganics11030134">doi.org/10.3390/inorganics11030134</a>

21	Abbas, Z., Ayub, K. S., Zaman, W. Q., Shan, A., Idrees, A., Khalid, H., ... & Yang, J. (2023). Efficient toluene oxidation by post plasma catalysis over hollow Co <sub>3</sub> O <sub>4</sub> nanospheres. <i>Research on Chemical Intermediates</i> , 49 (3), 1015-1028.	Chemical Engineering,Environmental Sciences	<a href="https://doi.org/10.1007/s11164-022-04930-3">doi.org/10.1007/s11164-022-04930-3</a>
22	Mansha, M. S., Iqbal, T., Farooq, M., Riaz, K. N., Afsheen, S., Sultan, M. S., ... & Masood, A. (2023). Facile hydrothermal synthesis of BiVO <sub>4</sub> nanomaterials for degradation of industrial waste. <i>Heliyon</i> , 9 (5).	Physics,zoology	<a href="https://doi.org/10.1016/j.heliyon.2023.e15978">doi.org/10.1016/j.heliyon.2023.e15978</a>
23	Naveed, A., Zubair, M., Baig, A., Farid, M., Ahmed, W., Rehman, R., ... & Cropotova, J. (2023). Effect of storage on the nutritional and antioxidant properties of brown Basmati rice. <i>Food Science &amp; Nutrition</i> , 11 (5), 2086-2098.	Chemistry,Environmental science	<a href="https://doi.org/10.1002/fsn3.2962">doi.org/10.1002/fsn3.2962</a>
24	Ahmad, S., Tahir, M. S., Kamal, G. M., Zhang, X., Nazir, S., Tahir, M. B., ... & Safdar, M. (2023). TiO <sub>2</sub> /activated carbon/2D selenides composite photocatalysts for industrial wastewater treatment. <i>Water</i> , 15 (9), 1788.	Chemical Engineering, Nawaz Sharif Medical College	<a href="https://doi.org/10.3390/w15091788">doi.org/10.3390/w15091788</a>
25	Tehseen, A., Ehsan, T., Liaqat, H. B., Kong, X., Ali, A., & Al-Fuqaha, A. (2023). Shahmukhi named entity recognition by using contextualized word embeddings. <i>Expert Systems with Applications</i> , 229, 120489.	Information Technology,Computer Science	<a href="https://doi.org/10.1016/j.eswa.2023.120489">doi.org/10.1016/j.eswa.2023.120489</a>

26	Hassan, A. U., Sumrra, S. H., Mustafa, G., Noreen, S., Ali, A., Sara, S., & Imran, M. (2023). Enhancing NLO performance by utilizing tyrian purple dye as donor moiety in organic DSSCs with end capped acceptors: a theoretical study. <i>Journal of Molecular Graphics and Modelling</i> , 124, 108538.	Chemical Engineering,Chemistry	10.1016/j.jmgm.2023.108538
27	Akhtar, R., Hamza, A., Razzaq, L., Hussain, F., Nawaz, S., Nawaz, U., ... & Saleel, C. A. (2023). Maximizing biodiesel yield of a non-edible chinaberry seed oil via microwave assisted transesterification process using response surface methodology and artificial neural network techniques. <i>Helijon</i> , 9(11).	Mechanical Engineering Technology,Chemistry	10.1016/j.heliyon.2023.e22031
28	Liaqat, M., Iqbal, T., Ashfaq, Z., Afsheen, S., Khan, M., Rashad, R., ... & Ali, A. M. (2023). Comparative photocatalytic study of visible light driven BiVO <sub>4</sub> , Cu <sub>2</sub> O, and Cu <sub>2</sub> O/BiVO <sub>4</sub> nanocomposite for degradation of antibiotic for wastewater treatment. <i>The Journal of Chemical Physics</i> , 159(20).	Physics,Zoology	10.1063/5.0176106
29	Rehman, A. U., Aziz, A., Anwar, M. M., Majeed, M., Albani, J. A., Almohamad, H., & Abdo, H. G. (2023). Quantifying the impacts of urbanization on urban green, evidences from Maga City, Lahore Pakistan. <i>Discover Sustainability</i> , 4(1), 48.	Botany,Geography	10.1007/s43621-023-00169-z
30	Hussain, M., & Mahmood, N. (2023). Do positive and negative shocks of institutional quality affect the ecological footprint in a developing economy?. <i>Social Responsibility Journal</i> , 19(8), 1365-1378.	Commerce,Management Sciences	10.1108/SRJ-02-2022-0100

31	Al-Zaqri, N., Dar, A. M., Iqbal, T., Afsheen, S., Zafar, M., Masood, A., ... & Warad, I. (2023). Photocatalytic degradation of rhodamine B and methylene blue using novel Spinacia oleracea-based Ag nanoparticles: experimental and theoretical analysis. <i>The European Physical Journal Plus</i> , 138(10), 1-12.	physics, zoology	10.1140/epjp/s13360-023-04601-1
32	Danish, M., Akram, S., Sandhu, Z. A., Akhtar, A., Altaf, A. A., Ullah, S., ... & Raza, M. A. (2023). Synthesis of triplumbic tetroxide ( $Pb_3O_4$ )/tricobalt tetroxide ( $Co_3O_4$ ) nanocomposites for electrochemical applications. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 33(9), 2803-2813.	chemistry, physics	10.1007/s10904-023-02719-4
33	Naseer, H., Al-Zaqri, N., Iqbal, T., Yousaf, M., Afsheen, S., Sultan, M. S., ... & Masood, A. (2023). Investigation of Mg doped ZnO nanoparticles decorated with Ag for efficient photocatalytic degradation. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 33(9), 2790-2802.	physics, zoology	10.1007/s10904-023-02722-9
34	Jahan, S., Ahmad, F., Rasul, F., Amir, R., & Shahzad, S. (2023). Physicochemical analysis of vermicompost-perlite based activated biochar and its influence on wheat ( <i>Triticum aestivum L.</i> ) growth under water stress. <i>Journal of Soil Science and Plant Nutrition</i> , 23(3), 3034-3050.	botany, statistics	10.1007/s42729-023-01258-8
35	Shahzadi, T., Ali, M. U., Majeed, F., Sana, M. U., Diaz, R. M., Samad, M. A., & Ashraf, I. (2023). Nerve root compression analysis to find lumbar spine stenosis on MRI using CNN. <i>Diagnostics</i> , 13(18), 2975.	Information Technology, Computer Science	10.3390/diagnostics13182975

36	Ehsan, T., Sana, M. U., Ali, M. U., Montero, E. C., Alvarado, E. S., Djuraev, S., & Ashraf, I. (2024). Securing Smart Contracts in Fog Computing: Machine Learning-Based Attack Detection for Registration and Resource Access Granting. <i>IEEE Access</i> , 12, 42802-42815.	software engineering,computer science	10.1109/ACCESS.2024.3378736
37	Javed, A., Iqbal, T., Naseer, H., Mumtaz, A. S., Younas, A., Afsheen, S., ... & Warad, I. (2024). Oxidative stress signatures and lipid accretion in <i>Desmodesmus subspicatus</i> under in vitro drought stress simulation. <i>Biomass Conversion and Biorefinery</i> , 1-12.	Physics,Zoology	10.1007/s13399-024-05624-z
38	Kausar, S., Munir, R. M., Iqbal, T., Afsheen, S., Mansha, M. S., Elgorban, A. M., & AL-Shwaiman, H. A. (2024). Improving photocatalytic, antimicrobial properties, and enzymatic activity via ag doping in BiVO4 Photocatalysts using a simple co-precipitation technique and verified by theoretical analysis. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 1-17.	Physics,Zoology	10.1007/s10904-024-03236-8
39	Ahsan, S., Iqbal, T., Afsheen, S., Khan, M. I., Nadeem Riaz, K., Yousaf, M., ... & Warad, I. (2024). Geometrical Optimization of 2D MoS2-Ag Rectangular and Triangular Grating for Enhanced Solar Cell Efficiency. <i>Plasmonics</i> , 1-17.	physics,zoology	10.1007/s11468-024-02276-7
40	Iqbal, T., Afzal, M., Al-Asbahi, B. A., Afsheen, S., Maryam, I., Mushtaq, A., ... & Ashraf, A. (2024). Enhancing apple shelf life: A comparative analysis of photocatalytic activity in pure and manganese-doped ZnO nanoparticles. <i>Materials Science in Semiconductor Processing</i> , 173, 108152.	Physics,Zoology	10.1016/j.mssp.2024.108152

41	Kausar, N., Mumtaz, S., & Shoaib, M. (2024). Lived experiences of individuals with gender dysphoria: A qualitative analysis. <i>Sexuality &amp; Culture</i> , 28 (2), 692-709.	Psychology, Sociology	10.1007/s12119-023-10140-9
42	Iqbal, T., Qureshi, M. T., Shahzad, R., Afsheen, S., Kausar, S., Yunus, G., ... & Al-Maswari, B. M. (2024). Synergistic impacts of novel tantalum doping in BiVO <sub>4</sub> for effective photocatalytic applications, antimicrobial activity, and antioxidant aspect. <i>Inorganic Chemistry Communications</i> , 170, 113365.	Physics, Zoology	10.1016/j.inoche.2024.113365
43	Basit, A., Iqbal, T., Jamil, M. A., Afsheen, S., Mansha, M. S., Munir, R. M., ... & El-marghany, A. (2024). Targeting pharmaceutical phenol; a thorough analysis of manganese doped molybdenum disulfide (MoS <sub>2</sub> ) catalyst, augment by MB dye assesment. <i>Journal of Physics and Chemistry of Solids</i> , 195, 112259.	Physics, Zoology	10.1016/j.jpcs.2024.112259
44	Mehmood, A., Bibi, K., Ali, F., Nazir, A., Sandhu, Z. A., Raza, M. A., ... & Al-Sehemi, A. G. (2024). Innovative approach to synthesize Mo-Doped CuO Nanostructures: Uncovering structural and photocatalytic insights. <i>Journal of Molecular Liquids</i> , 395, 123768.	Chemistry, physics	10.1016/j.molliq.2023.123768
45	Hussain, M. K., Khalid, N. R., Tanveer, M., Abbas, A., Ali, F., Hassan, W., ... & Aslam, M. (2024). Facile fabrication of Z-scheme ZnO/MoO <sub>3</sub> heterojunction as an excellent visible-light responsive photocatalyst for the degradation of rhodamine B and alizarin yellow dyes. <i>Optical Materials</i> , 148, 114794.	Physics, mathematics, chemistry	10.1016/j.optmat.2023.114794

46	Iqbal, T., Jameel, M. A., Farooq, M., Mansha, M. S., Afsheen, S., Al-Zaqri, N., ... & Khan, H. (2024). Facile hydrothermal synthesis of Cu-doped MoS <sub>2</sub> nanomaterial: a potential photocatalyst for degradation of MB dye. <i>Optical and Quantum Electronics</i> , 56 (2), 156.	Physics, zoology	10.1007/s11082-023-05759-9
47	Liaqat, M., Iqbal, T., Maryam, I., Riaz, K. N., Afsheen, S., Sohaib, M., ... & Al-Fatesh, A. S. (2024). Enhancing photocatalytic activity: investigating the synthesis and characterization of BiVO <sub>4</sub> /Cu <sub>2</sub> O/graphene ternary nanocomposites. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 446, 115122.	Physics, zoology	10.1016/j.jphotochem.2023.115122
48	Hussain, M., Mehmood, A., Ali, F., Sandhu, Z. A., Raza, M. A., Sajid, S., ... & Al-Sehemi, A. G. (2024). Tuning the magnetic behavior of zinc ferrite via cobalt substitution: a structural analysis. <i>ACS omega</i> , 9 (2), 2536-2546.	Chemistry, physics	10.1021/acsomega.3c07251
49	Liaqat, M., Basit, A., Iqbal, T., Afsheen, S., Maryam, I., Younas, A., ... & Warad, I. (2024). Investigate the effect of ZnO/Bi <sub>2</sub> O <sub>3</sub> nanocomposite: a synergistic versatile approach for biomedical and environmental applications. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 681, 132773.	Physics, Zoology	10.1016/j.colsurfa.2023.132773
50	Liaqat, M., Munir, R. M., Maryam, I., Iqbal, T., Afsheen, S., Nabi, A. G., ... & Basit, A. (2024). Synthesis and characterization of WO <sub>3</sub> /BiVO <sub>4</sub> /graphene ternary nanocomposites for the photodegradation of methlyene blue and tetracycline. <i>Materials Chemistry and Physics</i> , 320, 129465.	Physics, Zoology	10.1016/j.matchemphys.2024.129465

51	Tanveer, M., Ali, A. R., Qadeer, M. A., Alam, M., Cheema, H. H., Hussain, M. K., ... & Nabi, G. (2024). A novel composite (Bi <sub>2</sub> WO <sub>6</sub> /TiS <sub>2</sub> ) presenting an excellent Z-scheme photocatalytic degradation for methylene blue dye under the visible light irradiation. <i>Optical Materials</i> , 153, 115555.	Physics, Mathematics	10.1016/j.optmat.2024.115555
52	Liaqat, M., Kausar, S., Iqbal, T., Afsheen, S., Younas, A., Zubair, M., ... & Wong, L. S. (2024). Synergistic photocatalytic activity of TiO <sub>2</sub> /BiVO <sub>4</sub> nanocomposites: optimization, characterization, and recyclability for dye and antibiotic degradation. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 34(7), 3246-3257.	Physics, Zoology	10.1007/s10904-024-03102-7
53	Tehseen, A., Liaqat, M., Iqbal, T., Maryam, I., Afsheen, S., Sultan, M. S., ... & Wong, L. S. (2024). Design, fabrication, and analysis of Bi <sub>2</sub> O <sub>3</sub> /MnO <sub>2</sub> hybrid nanomaterials for advanced photocatalytic applications. <i>Journal of Physics and Chemistry of Solids</i> , 190, 112014.	Physics, Zoology	10.1016/j.jpcs.2024.112014
54	Iqbal, T., Munir, R. M., Younas, A., Afsheen, S., Mansha, M. S., Ahsan, S., ... & Al-Zaqri, N. (2024). Facile Green Synthesis of La-Doped WO <sub>3</sub> Nanomaterials for Their Photocatalytic Activity against Hazardous Pharmaceutical Compounds: Experimental and COMSOL Simulation. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 34(7), 3300-3313.	Physics, Zoology	10.1007/s10904-024-03153-w
55	Ashfaq, Z., Iqbal, T., Eldin, S. M., Alam, M. M., Al-Essa, L. A., & Galal, A. M. (2024). Simulation-based design of 1-D copper nanograting device for sensing application by studying electromagnetic properties on Cu/Air interface. <i>Journal of King Saud University-Science</i> , 36(6), 103232.	Physics, Zoology	10.1016/j.jksus.2024.103232

56	Rizvi, H. I., Munir, R. M., Iqbal, T., Younas, A., Afsheen, S., Qureshi, M. T., ... & Yousaf, M. (2024). Novel existence of Mn and Cu in WO <sub>3</sub> nanostructures for promising photocatalytic activity against MB dye and Levofloxacin antibiotic. <i>Journal of Alloys and Compounds</i> , 993, 174549.	Physics, Zoology	10.1016/j.jallcom.2024.174549
57	Sandhu, Z. A., Imtiaz, K., Raza, M. A., Ashraf, A., Tubassum, A., Khan, S., ... & Al-Sehemi, A. G. (2024). Beyond graphene: exploring the potential of MXene anodes for enhanced lithium–sulfur battery performance. <i>RSC advances</i> , 14(28), 20032-20047.	Chemistry, Physics	10.1039/d4ra02704c
58	Basit, A., Iqbal, T., Afsheen, S., Azam, A., Maryam, I., Farooq, M., & Tehseen, A. (2024). Photocatalytic activity modulation review: Cobalt vs. manganese doping in MoS <sub>2</sub> . <i>Inorganic Chemistry Communications</i> , 112380.	Zoology, Physics	10.1016/j.inoche.2024.112380
59	Afsheen, S., Shahzadi, K., Iqbal, T., Zafar, M., Saleem, R., Sayed, M. A., ... & Ali, A. M. (2024). A chrysanthes aspera-based biosynthesis of silver nanoparticles to investigate the efficacy against mosquito larvae. <i>Biomass Conversion and Biorefinery</i> , 14(12), 13323-13332.	Zoology, Physics	10.1007/s13399-022-03485-y
60	Yousaf, M., Iqbal, T., Mansha, M. S., Saeed, A., Abrar, M., Afsheen, S., ... & Yasir, M. (2024). Improved corrosion resistance and cytotoxicity of nickel-based alloy using novel plasma processing technique. <i>Plasma Processes and Polymers</i> , 21(6), 2300151.	Physics, Zoology	10.1002/ppap.202300151

61	Younas, A., Munir, R. M., Rizvi, H. I., Iqbal, T., Afsheen, S., Riaz, K. N., ... & Wong, L. S. (2024). Novel S–N/WO <sub>3</sub> : optimization of photocatalytic performance of WO <sub>3</sub> by simultaneous existence of S and N in WO <sub>3</sub> against MB dye. <i>The Journal of Chemical Physics</i> , 160(24).	Physics, Zoology	10.1063/5.0213551
62	Maryam, I., Iqbal, T., Syed, A., Bahkali, A. H., Tehseen, A., Afsheen, S., & Sultan, M. S. (2024). Facile green synthesis of novel tantalum doped tungsten trioxide for photocatalytic degradation: Correlation with COMSOL simulation. <i>Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy</i> , 314, 124191.	Physics, Zoology	10.1016/j.saa.2024.124191
63	Liaqat, M., Younas, A., Iqbal, T., Afsheen, S., Zubair, M., Kamran, S. K. S., ... & Wong, L. S. (2024). Synthesis and characterization of ZnO/BiVO <sub>4</sub> nanocomposites as heterogeneous photocatalysts for antimicrobial activities and waste water treatment. <i>Materials Chemistry and Physics</i> , 315, 128923.	Physics, Zoology, Directorate of Advanced Studies and Research Board	10.1016/j.matchemphys.2024.128923
64	Sonadia, Iqbal, Z., Miran, W., Ul-Hamid, A., Ayub, K. S., & Azad, F. (2024). Enhanced electrocatalytic performance of erbium-incorporated nickel-based metal–organic frameworks for water splitting. <i>Energy &amp; Fuels</i> , 38(6), 5397–5406.	Chemical, Engineering	10.1021/acs.energyfuels.3c04609
65	Anwar, A., Leng, H., Ashraf, H., & Haider, A. (2024). Measuring the Transit-Oriented Development (TOD) levels of Pakistani megacities for TOD application: A case study of Lahore. <i>Sustainability</i> , 16(5), 2209.	Architecture, Geography	10.3390/su16052209

66	Aftab, R., Akbar, F., Afroz, A., Asif, A., Khan, M. R., Rehman, N., & Zeeshan, N. (2024). Mentha piperita silver nanoparticle-loaded hydrocolloid film for enhanced diabetic wound healing in rats. <i>Journal of Wound Care</i> , 33(Sup3a), xlviii-lx.	Biochemistry and Biotechnology, Nawaz Sharif Medical College	10.12968/jowc.2024.33.Sup3a.xlviii
67	Liaqat, M., Ahsan, S., Iqbal, T., Afsheen, S., Khan, R. R. M., Al-Zaqri, N., ... & Warad, I. (2023). Efficient synthesis and characterization of novel BiVO <sub>4</sub> /ZnO/graphene composites to study enhanced photocatalytic activity for organic pollutant degradation. <i>Journal of Physics D: Applied Physics</i> , 57(12), 125301.	Physics, Zoology	10.1088/1361-6463/ad14bc