

Muhammad Zahid

List of Publications by Year in descending order

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130
papers

3,162
citations

136950

32
h-index

197818

49
g-index

135
all docs

135
docs citations

135
times ranked

2477
citing authors

#	ARTICLE	IF	CITATIONS
1	Possible applications of coal fly ash in wastewater treatment. <i>Journal of Environmental Management</i> , 2019, 240, 27-46.	7.8	184
2	Response surface methodology application in optimization of cadmium adsorption by shoe waste: A good option of waste mitigation by waste. <i>Ecological Engineering</i> , 2016, 88, 265-275.	3.6	158
3	A Comprehensive Review on Polymeric Nano-Composite Membranes for Water Treatment. <i>Journal of Membrane Science & Technology</i> , 2018, 08, .	0.5	158
4	Biogenic synthesis, characterization and investigation of photocatalytic and antimicrobial activity of manganese nanoparticles synthesized from <i>Cinnamomum verum</i> bark extract. <i>Journal of Molecular Structure</i> , 2019, 1179, 532-539.	3.6	146
5	Investigation of structural and optoelectronic properties of BaThO ₃ . <i>Optical Materials</i> , 2011, 33, 553-557.	3.6	124
6	Enhanced photodegradation of methylene blue with alkaline and transition metal ferrite nanophotocatalysts under direct sun light irradiation. <i>Journal of the Chinese Chemical Society</i> , 2019, 66, 402-408.	1.4	86
7	Graphene oxide decorated ZnWO ₄ architecture synthesis, characterization and photocatalytic activity evaluation. <i>Journal of Molecular Liquids</i> , 2019, 285, 778-789.	4.9	83
8	Theoretical investigation of supramolecular hydrogen-bonded choline chloride-based deep eutectic solvents using density functional theory. <i>Chemical Physics Letters</i> , 2021, 769, 138427.	2.6	79
9	Degradation of reactive dye using heterogeneous photo-Fenton catalysts: ZnFe ₂ O ₄ and GO-ZnFe ₂ O ₄ composite. <i>Materials Research Express</i> , 2020, 7, 015519.	1.6	64
10	Chromium adsorption using waste tire and conditions optimization by response surface methodology. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 2740-2751.	6.7	60
11	Subcritical and supercritical water oxidation for dye decomposition. <i>Journal of Environmental Management</i> , 2021, 290, 112605.	7.8	60
12	Recent developments for antimicrobial applications of graphene-based polymeric composites: A review. <i>Journal of Industrial and Engineering Chemistry</i> , 2021, 100, 40-58.	5.8	57
13	A comprehensive review of template-assisted porous carbons: Modern preparation methods and advanced applications. <i>Materials Science and Engineering Reports</i> , 2022, 149, 100682.	31.8	57
14	Deep eutectic solvents as alternative green solvents for the efficient desulfurization of liquid fuel: A comprehensive review. <i>Fuel</i> , 2021, 305, 121502.	6.4	53
15	Hydrothermal synthesis of molybdenum trioxide, characterization and photocatalytic activity. <i>Materials Research Bulletin</i> , 2018, 100, 120-130.	5.2	49
16	Morphological changes and antioxidative capacity of jute (<i>Corchorus capsularis</i> , Malvaceae) under different color light-emitting diodes. <i>Revista Brasileira De Botanica</i> , 2019, 42, 581-590.	1.3	47
17	Sunlight-driven photocatalytic degradation of rhodamine B dye by Ag/FeWO ₄ /g-C ₃ N ₄ composites. <i>International Journal of Environmental Science and Technology</i> , 2021, 18, 927-938.	3.5	47
18	Removal of Actacid Orange-RL Dye Using Biocomposites: Modeling Studies. <i>Polish Journal of Environmental Studies</i> , 2017, 26, 2125-2134.	1.2	45

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19	Pd/Mo ₂ N-TiO ₂ as efficient catalysts for promoted selective hydrogenation of 4-nitrophenol: A green bio-reducing preparation method. <i>Journal of Catalysis</i> , 2020, 391, 190-201.	6.2	44
20	Solar driven photocatalytic degradation potential of novel graphitic carbon nitride based nano zero-valent iron doped bismuth ferrite ternary composite. <i>Optical Materials</i> , 2021, 120, 111408.	3.6	44
21	UV-Accelerated Photocatalytic Degradation of Pesticide over Magnetite and Cobalt Ferrite Decorated Graphene Oxide Composite. <i>Plants</i> , 2021, 10, 6.	3.5	43
22	M-Type Barium Hexaferrite-Based Nanocomposites for EMI Shielding Application: a Review. <i>Journal of Superconductivity and Novel Magnetism</i> , 2021, 34, 1019-1045.	1.8	40
23	Coal fly ash-based copper ferrite nanocomposites as potential heterogeneous photocatalysts for wastewater remediation. <i>Applied Surface Science</i> , 2021, 565, 150542.	6.1	40
24	Fabrication of reduced graphene oxide (RGO) and nanocomposite with thermoplastic polyurethane (TPU) for EMI shielding application. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 967-974.	2.2	39
25	Degradation of acetamiprid using graphene-oxide-based metal (Mn and Ni) ferrites as Fenton-like photocatalysts. <i>Water Science and Technology</i> , 2020, 81, 178-189.	2.5	39
26	Theoretical investigation of X ₂ NiO ₆ (X= Pb,Sr) double perovskites for thermoelectric and optoelectronic applications. <i>Physica B: Condensed Matter</i> , 2022, 630, 413694.	2.7	39
27	First Principle Insight into the Structural, Optoelectronic, Half Metallic, and Mechanical Properties of Cubic Perovskite NdInO ₃ . <i>Arabian Journal for Science and Engineering</i> , 2020, 45, 4967-4974.	3.0	38
28	MnFe ₂ O ₄ /coal fly ash nanocomposite: a novel sunlight-active magnetic photocatalyst for dye degradation. <i>International Journal of Environmental Science and Technology</i> , 2020, 17, 4233-4248.	3.5	38
29	Coal fly ash supported CoFe ₂ O ₄ nanocomposites: Synergetic Fenton-like and photocatalytic degradation of methylene blue. <i>Environmental Research</i> , 2022, 206, 112280.	7.5	38
30	Cobalt-Iron nanoparticles encapsulated in mesoporous carbon nanosheets: A one-pot synthesis of highly stable electrocatalysts for overall water splitting. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 5234-5249.	7.1	35
31	Bimetallic NiCo-NiCoO ₂ nano-heterostructures embedded on copper foam as a self-supported bifunctional electrode for water oxidation and hydrogen production in alkaline media. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 18936-18948.	7.1	35
32	G-C ₃ N ₄ /Ag@CoWO ₄ : A novel sunlight active ternary nanocomposite for potential photocatalytic degradation of rhodamine B dye. <i>Journal of Physics and Chemistry of Solids</i> , 2022, 161, 110437.	4.0	34
33	Platinum and cobalt intermetallic nanoparticles confined within MIL-101(Cr) for enhanced selective hydrogenation of the carbonyl bond in 1,2-unsaturated aldehydes: synergistic effects of electronically modified Pt sites and Lewis acid sites. <i>Catalysis Science and Technology</i> , 2021, 11, 2433-2445.	4.1	32
34	A robust approach towards green synthesis of polyaniline-Scenedesmus biocomposite for wastewater treatment applications. <i>Materials Research Express</i> , 2019, 6, 055308.	1.6	31
35	Fe ₃ O ₄ -GO composite as efficient heterogeneous photo-Fenton's catalyst to degrade pesticides. <i>Materials Research Express</i> , 2019, 6, 015608.	1.6	31
36	Effect on the EMI Shielding Properties of Cobalt Ferrites and Coal-Fly-Ash Based Polymer Nanocomposites. <i>Journal of Superconductivity and Novel Magnetism</i> , 2020, 33, 3519-3524.	1.8	30

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37	Improved photocatalytic degradation of dye using coal fly ash-based zinc ferrite (CFA/ZnFe ₂ O ₄) composite. International Journal of Environmental Science and Technology, 2022, 19, 3045-3060.	3.5	30
38	Synthesis of CoCrFeO ₄ -chitosan beads sun-light-driven photocatalyst with well recycling for efficiently degrading high-concentration dyes. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 236, 118314.	3.9	29
39	Synthesis of Pt supported on mesoporous g-C ₃ N ₄ modified by ammonium chloride and its efficiently selective hydrogenation of furfural to furfuryl alcohol. Applied Surface Science, 2020, 528, 146983.	6.1	28
40	DFT Study for the Spectroscopic and Structural Analysis of p-Dimethylaminoazobenzene. Journal of Spectroscopy, 2018, 2018, 1-15.	1.3	25
41	Recent developments in textile based polymeric smart sensor for human health monitoring: A review. Arabian Journal of Chemistry, 2022, 15, 103480.	4.9	25
42	Metal Ferrites and Their Graphene-Based Nanocomposites: Synthesis, Characterization, and Applications in Wastewater Treatment. Nanotechnology in the Life Sciences, 2019, , 181-212.	0.6	24
43	Fabrication and characterization of PVC based flexible nanocomposites for the shielding against EMI, NIR, and thermal imaging signals. Results in Physics, 2021, 24, 104183.	4.1	24
44	Synthesis and photocatalytic degradation of rhodamine B using ternary zeolite/WO ₃ /Fe ₃ O ₄ composite. Nanotechnology, 2021, 32, 345705.	2.6	24
45	Photocatalytic degradation of methylene blue using polyaniline-based silver-doped zinc sulfide (PANI-Ag/ZnS) composites. Environmental Science and Pollution Research, 2022, 29, 9203-9217.	5.3	24
46	Physical characteristics of X ₂ NaMoBr ₆ (X= K, Rb): A DFT study. Materials Science in Semiconductor Processing, 2022, 147, 106760.	4.0	23
47	Investigating the Antibacterial Activity of Polymeric Membranes Fabricated with Aminated Graphene Oxide. Membranes, 2021, 11, 510.	3.0	22
48	Fabrication of visible light active Mn-doped Bi ₂ WO ₆ -GO/MoS ₂ heterostructure for enhanced photocatalytic degradation of methylene blue. Environmental Science and Pollution Research, 2022, 29, 6552-6567.	5.3	22
49	Environmentally Friendly Extraction of Bioactive Compounds from <i>Mentha arvensis</i> Using Deep Eutectic Solvent as Green Extraction Media. Polish Journal of Environmental Studies, 2020, 29, 3749-3757.	1.2	22
50	PVC based flexible nanocomposites with the incorporation of Polyaniline and Barium Hexa-Ferrite nanoparticles for the shielding against EMI, NIR, and thermal imaging cameras. Synthetic Metals, 2021, 277, 116773.	3.9	21
51	Polyaniline-based nanocomposites for electromagnetic interference shielding applications: A review. Journal of Thermoplastic Composite Materials, 2023, 36, 1717-1761.	4.2	20
52	Green extraction of ethnomedicinal compounds from <i>Cymbopogon citratus</i> Stapf using hydrogen-bonded supramolecular network. Separation Science and Technology, 2021, 56, 1520-1533.	2.5	19
53	Sonophotocatalytic degradation of organic pollutant under visible light over Pt decorated CeO ₂ : Role of ultrasonic waves for unprecedented degradation. Journal of Molecular Structure, 2022, 1247, 131397.	3.6	18
54	Composite of polypyrrole with sugarcane bagasse cellulosic biomass and adsorption efficiency for 2,4-dichlorophenoxy acetic acid in column mode. Journal of Materials Research and Technology, 2021, 15, 2016-2025.	5.8	17

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55	Development of Hydrogels with the Incorporation of Raphanus sativus L. Seed Extract in Sodium Alginate for Wound-Healing Application. Gels, 2021, 7, 107.	4.5	16
56	Synthesis and photophysical properties of 2,6-dicyano-p-phenylenediamine. Journal of Photochemistry and Photobiology A: Chemistry, 2011, 220, 54-63.	3.9	15
57	Hybrid nanomaterials for water purification. , 2020, , 155-188.		15
58	Facile fabrication of TiO ₂ with 3D hierarchical structure and its supported Pd catalysts for high catalytic hydrogenation performance of 4-Nitrophenol to 4-Aminophenol. Applied Surface Science, 2021, 566, 150615.	6.1	15
59	Theoretical Study of the Reverse Roll Coating of Non-Isothermal Magnetohydrodynamics Viscoplastic Fluid. Coatings, 2020, 10, 940.	2.6	14
60	Mathematical Analysis of Pseudoplastic Polymers during Reverse Roll-Coating. Polymers, 2020, 12, 2285.	4.5	14
61	Sustainable Development of Chitosan/Calotropis procera-Based Hydrogels to Stimulate Formation of Granulation Tissue and Angiogenesis in Wound Healing Applications. Molecules, 2021, 26, 3284.	3.8	14
62	First principle insight on physical characteristics of Mn doped BeS compound. Materials Science in Semiconductor Processing, 2021, 127, 105697.	4.0	14
63	Structural, morphological, dielectric and magnetic properties of Ba _{1-x} Cr _x Fe ₁₂ O ₁₉ M type hexaferrites. Physica Scripta, 2021, 96, 125405.	2.5	14
64	Tuning the Nanoporous Structure of Carbons Derived from the Composite of Cross-Linked Polymers for Charge Storage Applications. ACS Applied Energy Materials, 2021, 4, 1763-1773.	5.1	13
65	Preparation of Polyvinylidene Fluoride Nano-Filtration Membranes Modified with Functionalized Graphene Oxide for Textile Dye Removal. Membranes, 2022, 12, 224.	3.0	13
66	Antioxidants: Natural Antibiotics. , 0, , .		12
67	Ultrasound-assisted deep eutectic solvent-based extraction of phytochemicals from Mentha arvensis: optimization using Box-Behnken design. Biomass Conversion and Biorefinery, 2022, 12, 35-45.	4.6	12
68	Investigation of role of urea in morphologically controlled synthesis of calcium-bismuth bimetallic nanoparticles from chicken egg shells and its catalytic and fuel additive applications. Journal of the Chinese Chemical Society, 2019, 66, 1628-1640.	1.4	11
69	Use of hydrogen-bonded supramolecular eutectic solvents for eco-friendly extraction of bioactive molecules from Cymbopogon citratus using Box-Behnken design. Journal of Food Measurement and Characterization, 2021, 15, 1487-1498.	3.2	11
70	Fabrication and Characterization of Sulfonated Graphene Oxide-Doped Polymeric Membranes with Improved Anti-Biofouling Behavior. Membranes, 2021, 11, 563.	3.0	11
71	Physical characteristics of barium based cubic perovskites. Chemical Physics Letters, 2021, 779, 138835.	2.6	11
72	Investigation of Fe-Doped Graphitic Carbon Nitride-Silver Tungstate as a Ternary Visible Light Active Photocatalyst. Journal of Chemistry, 2021, 2021, 1-18.	1.9	11

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73	Preparation and Evaluation of Polymer-Based Ultrasound Gel and Its Application in Ultrasonography. <i>Gels</i> , 2022, 8, 42.	4.5	11
74	Enhanced photo-Fenton degradation of Rhodamine B using iodine-doped iron tungstate nanocomposite under sunlight. <i>International Journal of Environmental Science and Technology</i> , 2023, 20, 3645-3660.	3.5	11
75	Potent mutagenicity in the Ames test of 2,4-dicyano-4-nitroaniline and 2,6-dicyano-4-nitroaniline, components of disperse dyes. <i>Environmental and Molecular Mutagenesis</i> , 2016, 57, 10-16.	2.2	10
76	Fabrication and Characterization of Sulfonated Graphene Oxide (SGO) Doped PVDF Nanocomposite Membranes with Improved Anti-Biofouling Performance. <i>Membranes</i> , 2021, 11, 749.	3.0	10
77	Ion-Imprinted Polymer-Based Receptors for Sensitive and Selective Detection of Mercury Ions in Aqueous Environment. <i>Journal of Sensors</i> , 2018, 2018, 1-6.	1.1	9
78	Thermodynamic and kinetic approach of biodiesel production from waste cooking oil using nano-catalysts. <i>Zeitschrift Fur Physikalische Chemie</i> , 2021, 235, 1673-1688.	2.8	9
79	Variations in the Physicochemical Profile of Khushab Coal under Various Environmental Conditions. <i>Polish Journal of Environmental Studies</i> , 2018, 27, 987-992.	1.2	9
80	Nanostructured Molecularly Imprinted Photonic Polymers for Sensing Applications. <i>Current Nanoscience</i> , 2020, 16, 495-503.	1.2	9
81	Eco-friendly elimination of organic pollutants from water using graphene oxide assimilated magnetic nanoparticles adsorbent. <i>Inorganic Chemistry Communication</i> , 2022, 139, 109422.	3.9	9
82	Physical properties of KTaO ₃ compound for optoelectronic and thermoelectric applications: A DFT study. <i>Materials Science in Semiconductor Processing</i> , 2022, 148, 106811.	4.0	9
83	Investigation of Ba ₂ LnRuO ₆ (Ln=Nd, Er) for spin-optoelectronic and thermoelectric devices. <i>Journal of Magnetism and Magnetic Materials</i> , 2022, 560, 169657.	2.3	9
84	Mixed metal ferrite (Mn _{0.6} Zn _{0.4} Fe ₂ O ₄) intercalated g-C ₃ N ₄ nanocomposite: efficient sunlight driven photocatalyst for methylene blue degradation. <i>Nanotechnology</i> , 2021, 32, 505714.	2.6	8
85	Investigation of Ce doped BaTiO ₃ compound for optoelectronic devices. <i>Physica B: Condensed Matter</i> , 2022, 631, 413714.	2.7	8
86	Applications of graphene-based tungsten oxide nanocomposites: a review. <i>Journal of Nanostructure in Chemistry</i> , 2023, 13, 167-196.	9.1	8
87	Absorption and Fluorescence Emission Attributes of a Fluorescent dye: 2,3,5,6-Tetracyano-p-Hydroquinone. <i>Journal of Fluorescence</i> , 2013, 23, 829-837.	2.5	7
88	Assessment of the metal contamination index in groundwater of the quaternary of the Middle Kert Basin, north-eastern Morocco. <i>Environmental Quality Management</i> , 2022, 32, 53-62.	1.9	7
89	Physical characteristics of vanadium-doped SrTiO ₃ compound. <i>European Physical Journal Plus</i> , 2022, 137, 1.	2.6	7
90	Grass-derived carbon nanodots as a fluorescent-sensing platform for label-free detection of Cu (II) ions. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 5626-5634.	2.2	7

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91	The salinity origin and hydrogeochemical evolution of groundwater in the Oued Kert basin, north-eastern of Morocco. <i>Scientific African</i> , 2022, 16, e01226.	1.5	7
92	Modification of cotton fabric for textile dyeing: industrial mercerization versus gamma irradiation. <i>Journal of the Textile Institute</i> , 0, , 1-7.	1.9	6
93	Tailoring electrical and thermal properties of polymethyl methacrylate-carbon nanotubes composites through polyaniline and dodecyl benzene sulphonic acid impregnation. <i>Polymer Composites</i> , 2018, 39, E1052.	4.6	6
94	Reporting effective extraction methodology and chemical characterization of bioactive components of under explored <i>Platyclus orientalis</i> (L.) Franco from semi-arid climate. <i>Natural Product Research</i> , 2019, 33, 1237-1242.	1.8	6
95	Inter-annual variability and distribution of aerosols during winters and aerosol optical thickness over Northeastern Pakistan. <i>International Journal of Environmental Science and Technology</i> , 2022, 19, 875-888.	3.5	6
96	Biosorption of Drimarine Blue HF-RL using raw, pretreated, and immobilized peanut hulls. <i>Desalination and Water Treatment</i> , 2014, 52, 7339-7353.	1.0	5
97	CFD Modeling and Experimental Validation of a Solar Still. <i>MATEC Web of Conferences</i> , 2017, 131, 02010.	0.2	5
98	Analysis of the lubrication approximation theory in the calendering/sheeting process of upper convected Jeffery's material. <i>Journal of Plastic Film and Sheeting</i> , 2021, 37, 128-159.	2.2	5
99	Influence of magnetohydrodynamics and heat transfer on the reverse roll coating of a Jeffrey fluid: A theoretical study. <i>Journal of Plastic Film and Sheeting</i> , 2022, 38, 72-104.	2.2	5
100	Spectral and thermodynamic properties for the exciplexes of N-alkyl carbazoles with dicyanobenzenes in THF. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 118, 138-145.	3.9	4
101	Role of polymeric nanocomposite membranes for the removal of textile dyes from wastewater. , 2021, , 91-103.		4
102	Photocatalytic polymeric composites for wastewater treatment. , 2021, , 467-490.		4
103	Experimental and statistical analysis of dielectric barrier discharge plasma effect on sonochemically TiO ₂ coated cotton fabric using complete composite design. <i>Current Applied Physics</i> , 2021, 31, 158-170.	2.4	4
104	Applications of coagulation-flocculation and nanotechnology in water treatment. , 2021, , 533-558.		4
105	Production and Evaluation of Fractionated Tamarind Seed Oil Methyl Esters as a New Source of Biodiesel. <i>Energies</i> , 2021, 14, 7148.	3.1	4
106	Assessment of the physico-chemical and bacteriological quality of groundwater in the Kert Plain, northeastern Morocco. <i>International Journal of Energy and Water Resources</i> , 0, , 1.	2.2	4
107	Role of silver nanoparticles in fluorimetric determination of urea in urine samples. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 271, 120889.	3.9	4
108	First principle insight on Mn doped BeTe compound for optoelectronic and spintronic applications. <i>Physica Scripta</i> , 2022, 97, 045702.	2.5	4

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109	Electronic, optical and magnetic characteristics of V doped BeS. <i>Physica Scripta</i> , 2022, 97, 065807.	2.5	4
110	Metal oxide-based ternary nanocomposites for wastewater treatment. , 2021, , 135-158.		3
111	Applications of nanomaterials in water remediation: A note from the Editors. , 2021, , 1-10.		3
112	A Theoretical Study of Reverse Roll Coating for a Non-Isothermal Third-Grade Fluid under Lubrication Approximation Theory. <i>Mathematical Problems in Engineering</i> , 2022, 2022, 1-18.	1.1	3
113	Degradation of persistent organic pollutant using Ag-doped ZnO-ZnS polyaniline composite as photocatalyst. <i>International Journal of Environmental Science and Technology</i> , 2023, 20, 4811-4826.	3.5	3
114	Mechanistic Study of Photoinduced Electron Transfer from Triplet Erythrosin to Various Quinones Using Time Resolved Absorption and ESR-CIDEP Measurements. <i>Zeitschrift Fur Physikalische Chemie</i> , 2014, 228, 301-324.	2.8	2
115	Effect of solvent polarity and temperature on the spectral and thermodynamic properties of exciplexes of 1-cyanonaphthalene with hexamethylbenzene in organic solvents. <i>Journal of Luminescence</i> , 2014, 153, 12-20.	3.1	2
116	Spectroscopic studies of interactions of 2-(2-Oxo-2-Phenylethyl)-1, 2-benzisothiazol-3(2H)-one-1, 1-dioxide with human DNA. <i>Journal of Molecular Structure</i> , 2019, 1196, 403-408.	3.6	2
117	Prospects of nanocomposite membranes for water treatment by pressure-driven membrane processes. , 2020, , 237-256.		2
118	Silver-doped ternary compounds for wastewater remediation. , 2021, , 623-653.		2
119	Electromagnetic interference shielding study in microwave and NIR regions by highly efficient Ag/ZnS and polyaniline-Ag/ZnS particles. <i>Journal of Thermoplastic Composite Materials</i> , 2023, 36, 1489-1503.	4.2	2
120	The Design of Ternary Composite Polyurethane Membranes with an Enhanced Photocatalytic Degradation Potential for the Removal of Anionic Dyes. <i>Membranes</i> , 2022, 12, 630.	3.0	2
121	Physico-chemical and Geochemical Correlation Study of Aliphatic Hydrocarbons for Sindh Basin (Pakistan) Condensate Samples. <i>Asian Journal of Chemistry</i> , 2013, 25, 9813-9816.	0.3	1
122	Silver-doped metal ferrites for wastewater treatment. , 2021, , 599-622.		1
123	Wastewater remediation using coal fly ash nanocomposites. , 2021, , 159-184.		1
124	Enzymatic glycosylation of menthol: optimization of synthesis and extraction processes using response surface methodology and biological evaluation of synthesized product. <i>Chemical Papers</i> , 0, , 1.	2.2	1
125	Quantum mechanical modeling unveils the effect of substitutions on the activation barriers of the Diels-Alder reactions of an antiviral compound 7H-benzo[a]phenalene. <i>Structural Chemistry</i> , 2022, 33, 1907-1920.	2.0	1
126	Curcumin-based bionanocomposites. , 2020, , 233-257.		0

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127	Nanotechnology: A smart translation of ingredients in the agriculture industry. , 2021, , 47-65.		0
128	Applications of Carbon Based Materials in Developing Advanced Energy Storage Devices. , 0, , .		0
129	Prospects of nanocomposite membranes in commercial scale. , 2020, , 457-473.		0
130	Synthesis and application of molecular imprinted polymers for online monitoring of textile dyes in wastewater. , 0, 241, 35-39.		0