Tahir Rasheed

List of Publications by Year
in descending order

159	8,446	41344	53230
papers	citations	49	85
		h-index	g-index

163	163	163	8474
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Environmentally-related contaminants of high concern: Potential sources and analytical modalities for detection, quantification, and treatment. Environment International, 2019, 122, 52-66.	10.0	503
2	Emerging contaminants of high concern and their enzyme-assisted biodegradation â€“ A review. Environment International, 2019, 124, 336-353.	10.0	338
3	Magnetic nanoparticles as versatile carriers for enzymes immobilization: A review. International Journal of Biological Macromolecules, 2018, 120, 2530-2544.	7.5	311
4	Biosorption: An Interplay between Marine Algae and Potentially Toxic Elementsâ€”A Review. Marine Drugs, 2018, 16, 65.	4.6	308
5	Fluorescent sensor based models for the detection of environmentally-related toxic heavy metals. Science of the Total Environment, 2018, 615, 476-485.	8.0	303
6	Green biosynthesis of silver nanoparticles using leaves extract of Artemisia vulgaris and their potential biomedical applications. Colloids and Surfaces B: Biointerfaces, 2017, 158, 408-415.	5.0	251
7	Hazardous contaminants in the environment and their laccase-assisted degradation â€“ A review. Journal of Environmental Management, 2019, 234, 253-264.	7.8	216
8	Endogenous and Exogenous Stimuli-Responsive Drug Delivery Systems for Programmed Site-Specific Release. Molecules, 2019, 24, 1117.	3.8	188
9	Antibiotics traces in the aquatic environment: persistence and adverse environmental impact. Current Opinion in Environmental Science and Health, 2020, 13, 68-74.	4.1	179
10	Luminescent metal-organic frameworks as potential sensory materials for various environmental toxic agents. Coordination Chemistry Reviews, 2019, 401, 213065.	18.8	173
11	Graphene and graphene oxide: Functionalization and nano-bio-catalytic system for enzyme immobilization and biotechnological perspective. International Journal of Biological Macromolecules, 2018, 120, 1430-1440.	7.5	151
12	â€œSmartâ€•chemistry and its application in peroxidase immobilization using different support materials. International Journal of Biological Macromolecules, 2018, 119, 278-290.	7.5	150
13	â€œSmartâ€•materials-based near-infrared light-responsive drug delivery systems for cancer treatment: A review. Journal of Materials Research and Technology, 2019, 8, 1497-1509.	5.8	149
14	Peroxidases-assisted removal of environmentally-related hazardous pollutants with reference to the reaction mechanisms of industrial dyes. Science of the Total Environment, 2018, 644, 1-13.	8.0	146
15	Environmental threatening concern and efficient removal of pharmaceutically active compounds using metal-organic frameworks as adsorbents. Environmental Research, 2020, 185, 109436.	7.5	137
16	Metal-organic frameworks based adsorbents: A review from removal perspective of various environmental contaminants from wastewater. Chemosphere, 2020, 259, 127369.	8.2	136
17	Agarose-chitosan hydrogel-immobilized horseradish peroxidase with sustainable bio-catalytic and dye degradation properties. International Journal of Biological Macromolecules, 2019, 124, 742-749.	7.5	130
18	Surfactants-based remediation as an effective approach for removal of environmental pollutantsâ€”A review. Journal of Molecular Liquids, 2020, 318, 113960.	4.9	127

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19	Catalytic potential of bio-synthesized silver nanoparticles using Convolvulus arvensis extract for the degradation of environmental pollutants. Journal of Photochemistry and Photobiology B: Biology, 2018, 181, 44-52.	3.8	124
20	Potentially toxic elements and environmentally-related pollutants recognition using colorimetric and ratiometric fluorescent probes. Science of the Total Environment, 2018, 640-641, 174-193.	8.0	115
21	Redox-responsive nano-carriers as tumor-targeted drug delivery systems. European Journal of Medicinal Chemistry, 2018, 157, 705-715.	5.5	114
22	Multifunctional metalâ€“organic frameworks-based biocatalytic platforms: recent developments and future prospects. Journal of Materials Research and Technology, 2019, 8, 2359-2371.	5.8	97
23	Self-assembly of alternating copolymer vesicles for the highly selective, sensitive and visual detection and quantification of aqueous Hg2+. Chemical Engineering Journal, 2019, 358, 101-109.	12.7	97
24	Development of silver nanoparticles loaded chitosan-alginate constructs with biomedical potentialities. International Journal of Biological Macromolecules, 2017, 105, 393-400.	7.5	96
25	TiO2/SiO2 decorated carbon nanostructured materials as a multifunctional platform for emerging pollutants removal. Science of the Total Environment, 2019, 688, 299-311.	8.0	90
26	Biogenic synthesis and characterization of cobalt oxide nanoparticles for catalytic reduction of direct yellow-142 and methyl orange dyes. Biocatalysis and Agricultural Biotechnology, 2019, 19, 101154.	3.1	90
27	Novel characteristics of horseradish peroxidase immobilized onto the polyvinyl alcohol-alginate beads and its methyl orange degradation potential. International Journal of Biological Macromolecules, 2017, 105, 328-335.	7.5	88
28	Addressing thermodynamic Instability of Zn anode: classical and recent advancements. Energy Storage Materials, 2022, 44, 206-230.	18.0	88
29	Two dimensional MXenes as emerging paradigm for adsorptive removal of toxic metallic pollutants from wastewater. Chemosphere, 2022, 287, 132319.	8.2	84
30	Metal-organic frameworks based hybrid nanocomposites as state-ofâ€“the-art analytical tools for electrochemical sensing applications. Biosensors and Bioelectronics, 2022, 199, 113867.	10.1	77
31	Carbon nanotubes-based cues: A pathway to future sensing and detection of hazardous pollutants. Journal of Molecular Liquids, 2019, 292, 111425.	4.9	76
32	Horseradish peroxidase immobilization by copolymerization into cross-linked polyacrylamide gel and its dye degradation and detoxification potential. International Journal of Biological Macromolecules, 2018, 113, 983-990.	7.5	75
33	Metal-Organic Framework-Based Engineered Materialsâ€”Fundamentals and Applications. Molecules, 2020, 25, 1598.	3.8	75
34	Macromolecular agents with antimicrobial potentialities: A drive to combat antimicrobial resistance. International Journal of Biological Macromolecules, 2017, 103, 554-574.	7.5	74
35	Reaction Mechanism and Degradation Pathway of Rhodamine 6G by Photocatalytic Treatment. Water, Air, and Soil Pollution, 2017, 228, 1.	2.4	74
36	Design and feasibility study of novel paraboloid graphite based microbial fuel cell for bioelectrogenesis and pharmaceutical wastewater treatment. Journal of Environmental Chemical Engineering, 2021, 9, 104502.	6.7	73

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37	Carbon nanotubes assisted analytical detection â€“ Sensing/delivery cues for environmental and biomedical monitoring. TrAC - Trends in Analytical Chemistry, 2020, 132, 116066.	11.4	71
38	Valorisation and emerging perspective of biomass based waste-to-energy technologies and their socio-environmental impact: A review. Journal of Environmental Management, 2021, 287, 112257.	7.8	70
39	Silver Nanoparticles: Biosynthesis and Antimicrobial Potentialities. International Journal of Pharmacology, 2017, 13, 832-845.	0.3	69
40	Photocatalytic degradation, toxicological assessment and degradation pathway of C.I. Reactive Blue 19 dye. Chemical Engineering Research and Design, 2018, 129, 384-390.	5.6	68
41	Modification strategies for improving the solubility/dispersion of carbon nanotubes. Journal of Molecular Liquids, 2020, 297, 111919.	4.9	68
42	Mitigation of environmentally-related hazardous pollutants from water matrices using nanostructured materials â€“ A review. Chemosphere, 2020, 253, 126770.	8.2	62
43	Catalytic Activity of Pt Loaded Zeolites for Hydroisomerization of n-Hexane Using Supercritical CO₂. Industrial & Engineering Chemistry Research, 2020, 59, 22092-22106.	3.7	60
44	Smart chemistry of enzyme immobilization using various support matrices â€“ A review. International Journal of Biological Macromolecules, 2021, 190, 396-408.	7.5	59
45	Biogenic Nanoparticleâ€'Chitosan Conjugates with Antimicrobial, Antibiofilm, and Anticancer Potentialities: Development and Characterization. International Journal of Environmental Research and Public Health, 2019, 16, 598.	2.6	58
46	Rhodamine-based multianalyte colorimetric probe with potentialities as on-site assay kit and in biological systems. Sensors and Actuators B: Chemical, 2018, 258, 115-124.	7.8	54
47	Rhodamine-assisted fluorescent strategy for the sensitive and selective in-field mapping of environmental pollutant Hg(II) with potential bioimaging. Journal of Luminescence, 2019, 208, 519-526.	3.1	53
48	Nano and micro architectured cues as smart materials to mitigate recalcitrant pharmaceutical pollutants from wastewater. Chemosphere, 2021, 274, 129785.	8.2	53
49	TiO₂/UV-assisted rhodamine B degradation: putative pathway and identification of intermediates by UPLC/MS. Environmental Technology (United Kingdom), 2018, 39, 1533-1543.	2.2	52
50	b b High-value compounds from microalgae with industrial exploitability ndash A review b b. Frontiers in Bioscience - Scholar, 2017, 9, 319-342.	2.1	51
51	Synthesis, DFT, computational exploration of chemical reactivity, molecular docking studies of novel formazan metal complexes and their biological applications. Applied Organometallic Chemistry, 2020, 34, e5444.	3.5	50
52	Modalities for conversion of waste to energy â€" Challenges and perspectives. Science of the Total Environment, 2020, 727, 138610.	8.0	48
53	Toxicological Assessment and UV/TiO2-Based Induced Degradation Profile of Reactive Black 5 Dye. Environmental Management, 2018, 61, 171-180.	2.7	47
54	Microbial fuel cells a state-of-the-art technology for wastewater treatment and bioelectricity generation. Environmental Research, 2022, 204, 112387.	7.5	47

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55	â€œTurn-onâ€•fluorescent sensor-based probing of toxic Hg(II) and Cu(II) with potential intracellular monitoring. Biocatalysis and Agricultural Biotechnology, 2019, 17, 696-701.	3.1	45
56	Biomedical Potentialities of Taraxacum officinale-based Nanoparticles Biosynthesized Using Methanolic Leaf Extract. Current Pharmaceutical Biotechnology, 2018, 18, 1116-1123.	1.6	45
57	Characteristics of starch isolated from microwave heat treated lotus (Nelumbo nucifera) seed flour. International Journal of Biological Macromolecules, 2018, 113, 219-226.	7.5	44
58	Chromogenic vesicles for aqueous detection and quantification of Hg2+/Cu2+ in real water samples. Journal of Molecular Liquids, 2019, 282, 489-498.	4.9	44
59	Evaluation of current and future solvents for selective lignin dissolutionâ€“A review. Journal of Molecular Liquids, 2021, 321, 114577.	4.9	43
60	Bio-Catalysis and Biomedical Perspectives of Magnetic Nanoparticles as Versatile Carriers. Magnetochemistry, 2019, 5, 42.	2.4	42
61	Revisiting recent and traditional strategies for surface protection of Zn metal anode. Journal of Power Sources, 2022, 525, 231122.	7.8	41
62	Self-assembly and functionalization of alternating copolymer vesicles. Polymer Chemistry, 2017, 8, 4688-4695.	3.9	40
63	Covalent organic frameworks-based smart materials for mitigation of pharmaceutical pollutants from aqueous solution. Chemosphere, 2022, 286, 131710.	8.2	40
64	Effect of protic ionic liquid treatment on the pyrolysis products of lignin extracted from oil palm biomass. Fuel, 2021, 291, 120133.	6.4	39
65	Real-time probing of mercury using an efficient â€œturn-onâ€•strategy with potential as in-field mapping kit and in live cell imaging. New Journal of Chemistry, 2018, 42, 10940-10946.	2.8	37
66	Biomimetic nanostructures/cues as drug delivery systems: a review. Materials Today Chemistry, 2019, 13, 147-157.	3.5	37
67	Rhodol-conjugated polymersome sensor for visual and highly-sensitive detection of hydrazine in aqueous media. Journal of Hazardous Materials, 2020, 388, 121757.	12.4	37
68	Covalent organic frameworks as promising adsorbent paradigm for environmental pollutants from aqueous matrices: Perspective and challenges. Science of the Total Environment, 2022, 833, 155279.	8.0	35
69	Physiochemical characteristics and bone/cartilage tissue engineering potentialities of protein-based macromolecules â€” A review. International Journal of Biological Macromolecules, 2019, 121, 13-22.	7.5	34
70	Photocatalytic and adsorptive remediation of hazardous environmental pollutants by hybrid nanocomposites. Case Studies in Chemical and Environmental Engineering, 2020, 2, 100037.	6.1	34
71	Conjugated supramolecular architectures as state-of-the-art materials in detection and remedial measures of nitro based compounds: A review. TrAC - Trends in Analytical Chemistry, 2020, 129, 115958.	11.4	33
72	MXenes as an emerging class of two-dimensional materials for advanced energy storage devices. Journal of Materials Chemistry A, 2022, 10, 4558-4584.	10.3	33

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73	Development and characterization of newly engineered chemosensor with intracellular monitoring potentialities and lowest detection of toxic elements. Journal of Molecular Liquids, 2018, 272, 440-449.	4.9	32
74	Rhodol assisted alternating copolymer based chromogenic vesicles for the aqueous detection and quantification of hydrazine via switch-on strategy. Journal of Molecular Liquids, 2019, 274, 461-469.	4.9	32
75	Evaluation and detoxification of aflatoxins in ground and tree nuts using food grade organic acids. Biocatalysis and Agricultural Biotechnology, 2020, 29, 101749.	3.1	32
76	An Experimental Investigation on Tribological Behaviour of Tire-Derived Pyrolysis Oil Blended with Biodiesel Fuel. Sustainability, 2020, 12, 9975.	3.2	32
77	Coupling of electrocoagulation and powder activated carbon for the treatment of sustainable wastewater. Environmental Science and Pollution Research, 2021, 28, 48505-48516.	5.3	31
78	Magnetic nanomaterials: Greener and sustainable alternatives for the adsorption of hazardous environmental contaminants. Journal of Cleaner Production, 2022, 362, 132338.	9.3	30
79	Hyperbranched Multiarm Copolymers with a UCST Phase Transition: Topological Effect and the Mechanism. Langmuir, 2018, 34, 3058-3067.	3.5	28
80	Solution Self-Assembly of an Alternating Copolymer toward Hollow Carbon Nanospheres with Uniform Micropores. ACS Macro Letters, 2019, 8, 331-336.	4.8	28
81	Novel strategies to reduce engine emissions and improve energy efficiency in hybrid vehicles. Cleaner Engineering and Technology, 2021, 2, 100074.	4.0	28
82	Hybrid Nanofluids as Renewable and Sustainable Colloidal Suspensions for Potential Photovoltaic/Thermal and Solar Energy Applications. Frontiers in Chemistry, 2021, 9, 737033.	3.6	27
83	Tension Distribution Algorithm for Planar Mobile Cable-Driven Parallel Robots. Mechanisms and Machine Science, 2018, , 268-279.	0.5	27
84	Recent advances in chemically and biologically synthesized nanostructures for colorimetric detection of heavy metal. Journal of King Saud University - Science, 2022, 34, 101745.	3.5	26
85	Hydrothermally engineered Niâ€“CuC hybrid nanocomposites: Structural and morphological investigations with potential fuel catalytic applications. Materials Chemistry and Physics, 2021, 270, 124837.	4.0	25
86	Advancements in biocatalysis: From computational to metabolic engineering. Chinese Journal of Catalysis, 2018, 39, 1861-1868.	14.0	24
87	Development, influencing parameters and interactions of bioplasticizers: An environmentally friendlier alternative to petro industry-based sources. Science of the Total Environment, 2019, 682, 394-404.	8.0	24
88	Photodynamic-based therapeutic modalities to fight against cancer â€“ A review from synergistic viewpoint. Journal of Drug Delivery Science and Technology, 2019, 51, 70-82.	3.0	23
89	Tailored functional materials as robust candidates to mitigate pesticides in aqueous matricesâ€”a review. Chemosphere, 2021, 282, 131056.	8.2	23
90	Water matrices as potential source of SARS-CoV-2 transmission â€“ An overview from environmental perspective. Case Studies in Chemical and Environmental Engineering, 2020, 2, 100023.	6.1	21

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91	Development of nitrogen doped carbon dots modified CuCo alloy nanoparticles for potential electrocatalytic water splitting. Journal of Molecular Liquids, 2020, 309, 113111.	4.9	21
92	Diabetic Complications and Insight into Antidiabetic Potentialities of Ethno- Medicinal Plants: A Review. Recent Patents on Inflammation and Allergy Drug Discovery, 2018, 12, 7-23.	3.6	20
93	Synthesis, Self-assembly and Electrode Application of Mussel-inspired Alternating Copolymers. Chinese Journal of Polymer Science (English Edition), 2018, 36, 897-904.	3.8	20
94	Supramolecular membranes: A robust platform to develop separation strategies towards water-based applications. Separation and Purification Technology, 2019, 215, 441-453.	7.9	20
95	Fabrication of iron modified screen printed carbon electrode for sensing of amino acids. Polyhedron, 2020, 180, 114426.	2.2	20
96	Hyperbranched copolymer based photoluminescent vesicular probe conjugated with tetraphenylethene: Synthesis, aggregation-induced emission and explosive detection. Journal of Molecular Liquids, 2020, 308, 113034.	4.9	20
97	Microneedles in Smart Drug Delivery. Advances in Wound Care, 2021, 10, 204-219.	5.1	20
98	Recent applications of vinylethylene carbonates in Pd-catalyzed allylic substitution and annulation reactions: Synthesis of multifunctional allylic and cyclic structural motifs. Coordination Chemistry Reviews, 2022, 462, 214526.	18.8	20
99	FASTKIT: A Mobile Cable-Driven Parallel Robot for Logistics. Springer Tracts in Advanced Robotics, 2020, , 141-163.	0.4	19
100	Aqueous monitoring of toxic mercury through a rhodamine-based fluorescent sensor. Mathematical Biosciences and Engineering, 2019, 16, 1861-1873.	1.9	19
101	Block copolymer self-assembly mediated aggregation induced emission for selective recognition of picric acid. Journal of Molecular Liquids, 2019, 296, 111966.	4.9	18
102	Bio-Inspired Supramolecular Membranes: A Pathway to Separation and Purification of Emerging Pollutants. Separation and Purification Reviews, 2020, 49, 20-36.	5.5	18
103	The smart chemistry of stimuli-responsive polymeric carriers for target drug delivery applications. , 2018, , 61-99.		16
104	Facile synthesis of N- (4-bromophenyl)-1- (3-bromothiophen-2-yl)methanimine derivatives via Suzuki cross-coupling reaction: their characterization and DFT studies. Chemistry Central Journal, 2018, 12, 84.	2.6	16
105	Optimization based Trajectory Planning of Mobile Cable-Driven Parallel Robots. , 2019, , .		15
106	Nitrogen doped carbon quantum dots conjugated with AgNi alloy nanoparticles as potential electrocatalyst for efficient water splitting. Journal of Alloys and Compounds, 2020, 847, 156492.	5.5	15
107	A Comprehensive Review of the Ethnotraditional Uses and Biological and Pharmacological Potential of the Genus Mimosa. International Journal of Molecular Sciences, 2021, 22, 7463.	4.1	15
108	Phytochemistry and Diverse Pharmacology of Genus Mimosa: A Review. Biomolecules, 2022, 12, 83.	4.0	15

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109	MXenes as emerging two-dimensional analytical modalities for potential recognition of hazardous environmental contaminants. Materials Today Chemistry, 2022, 24, 100859.	3.5	15
110	Rapid kinetic evaluation of homogeneous single-site metallocene catalysts and cyclic diene: how do the catalytic activity, molecular weight, and diene incorporation rate of olefins affect each other?. RSC Advances, 2021, 11, 31817-31826.	3.6	14
111	Tailor made Functional Zeolite as Sustainable Potential Candidates for Catalytic Cracking of Heavy Hydrocarbons. Catalysis Letters, 2022, 152, 732-744.	2.6	14
112	Emergence of 2-Pyrone and Its Derivatives, from Synthesis to Biological Perspective: An Overview and Current Status. Topics in Current Chemistry, 2021, 379, 38.	5.8	14
113	Revisiting photo and electro-catalytic modalities for sustainable conversion of CO2. Applied Catalysis A: General, 2021, 623, 118248.	4.3	13
114	Bio-mass derived ultrahigh-energy storage porous graphitic carbon for advanced anode material in lithium battery. Materials Chemistry and Physics, 2020, 242, 122543.	4.0	12
115	Solution Combustion Synthesis of Transparent Conducting Thin Films for Sustainable Photovoltaic Applications. Sustainability, 2020, 12, 10423.	3.2	12
116	Risk management strategies and therapeutic modalities to tackle COVID-19/SARS-CoV-2. Journal of Infection and Public Health, 2021, 14, 331-346.	4.1	12
117	Thrombolytic and cytotoxic activity of different bioactive extracts of E.Âcoli. Case Studies in Chemical and Environmental Engineering, 2021, 3, 100080.	6.1	12
118	Self-assembly of artificial peroxidase mimics from alternating copolymers with chromogenic and biocatalyst potentialities. Journal of Industrial and Engineering Chemistry, 2019, 78, 315-323.	5.8	11
119	Sustainable Conversion of Carbon Dioxide into Diverse Hydrocarbon Fuels via Molten Salt Electrolysis. ACS Sustainable Chemistry and Engineering, 2020, 8, 19178-19188.	6.7	11
120	Tailored functional polymeric vesicles as smart nanostructured materials for aqueous monitoring of transition metal cations. Journal of Molecular Liquids, 2021, 327, 114791.	4.9	11
121	Self-sacrificing template based hollow carbon spheres/molybdenum dioxide nanocomposite for high-performance Lithium-ion batteries. Materials Today Communications, 2019, 21, 100694.	1.9	10
122	Fully solar powered Doncaster Sheffield Airport: Energy evaluation, glare analysis and CO2 mitigation. Sustainable Energy Technologies and Assessments, 2021, 45, 101122.	2.7	10
123	Chitosanâ€Based Smart Polymeric Hydrogels and Their Prospective Applications in Biomedicine. Starch/Staerke, 2024, 76, 2100150.	2.1	10
124	Covalent Organic Frameworksâ€Based Membranes as Promising Modalities from Preparation to Separation Applications: An Overview. Chemical Record, 2022, 22, .	5.8	10
125	Gums-based engineered bio-nanostructures for greening the 21st-century biotechnological settings. Critical Reviews in Food Science and Nutrition, 2022, 62, 3913-3929.	10.3	9
126	In-house fabrication of macro-porous biopolymeric hydrogel and its deployment for adsorptive remediation of lead and cadmium from water matrices. Environmental Research, 2022, 214, 113790.	7.5	9

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127	Lithium Salt Doped Poly(Vinylidene Fluoride)/Cellulose Acetate Composite Gel Electrolyte Membrane for Lithium Ion Battery. IOP Conference Series: Materials Science and Engineering, 2019, 654, 012017.	0.6	8
128	One pot facile synthesis of carbonaceous gel via thiol-epoxy click reaction as potential electrode material for supercapacitor. Synthetic Metals, 2019, 248, 81-87.	3.9	8
129	Current perspective on diagnosis, epidemiological assessment, prevention strategies, and potential therapeutic interventions for severe acute respiratory infections caused by 2019 novel coronavirus (SARS-CoV-2). Human Vaccines and Immunotherapeutics, 2020, 16, 3001-3010.	3.3	8
130	Bionanocomposites from Biofibers and Biopolymers. , 2020, , 135-157.		8
131	Hydrothermally engineered enhanced hydrate formation for potential CO2 capture applications. Journal of Environmental Chemical Engineering, 2021, 9, 106515.	6.7	8
132	3D MXenes as promising alternatives for potential electrocatalysis applications: opportunities and challenges. Journal of Materials Chemistry C, 2022, 10, 9669-9690.	5.5	8
133	An Updated Coverage on the Synthesis of Benzo[b]thiophenes via Transition-metalcatalyzed Reactions: A Review. Current Organic Chemistry, 2021, 25, 40-67.	1.6	7
134	Ultrasonic-assisted extraction as a green route for hydrolysis of bound phenolics in selected wild fruits: Detection and systematic characterization using GCâ€“MSâ€“TIC method. Process Biochemistry, 2021, 111, 79-85.	3.7	7
135	Path Planning of a Mobile Cable-Driven Parallel Robot in a Constrained Environment. Mechanisms and Machine Science, 2019, , 257-268.	0.5	7
136	Revisiting the role of polymers as renewable and flexible materials for advanced batteries. Energy Storage Materials, 2022, 45, 1012-1039.	18.0	7
137	Nanomaterials for removal of heavy metals from wastewater. , 2022, , 135-161.		7
138	One-step real-time loop-mediated isothermal amplification (RT-LAMP): evaluation and its application for the detection of foot-and-mouth-disease virus and its serotypes. Turkish Journal of Veterinary and Animal Sciences, 2017, 41, 435-443.	0.5	6
139	Polyvinylpropyllidone decorated manganese ferrite based cues for the efficient removal of heavy metals ions from waste water. Physica B: Condensed Matter, 2020, 599, 412559.	2.7	6
140	Supercritical CO2 drying of pure silica aerogels: effect of drying time on textural properties of nanoporous silica aerogels. Journal of Sol-Gel Science and Technology, 2021, 98, 478-486.	2.4	6
141	Methods for Predicting Ethylene/Cyclic Olefin Copolymerization Rates Promoted by Single-Site Metallocene: Kinetics Is the Key. Polymers, 2022, 14, 459.	4.5	6
142	Polymerization kinetics of bicyclic olefins and mechanism with symmetrical ansa-metallocene catalysts associated with active center count: relationship between their activities and structure and activation path. RSC Advances, 2022, 12, 15284-15295.	3.6	6
143	Development of 2,4-dinitrophenylhydrazine-modified carbon paste electrode for highly sensitive electrochemical sensing of amino acids. Monatshefte FÃ¼r Chemie, 2020, 151, 505-510.	1.8	5
144	Nanobiodegradation of pharmaceutical pollutants. , 2022, , 635-653.		5

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145	Influence of Machining Parameters on Machinability of Inconel 718â€"A Review. Advanced Engineering Materials, 2022, 24, .	3.5	5
146	Luminol immobilized graphite electrode as sensitive electrochemiluminescent sensor for the detection of hydrogen peroxide. Sensors International, 2020, 1, 100027.	8.4	4
147	Development of molecularly imprinted magnetic iron oxide nanoparticles for doxorubicin drug delivery. Monatshefte FÃ¼r Chemie, 2020, 151, 1049-1057.	1.8	4
148	Formulation, characterization, and pharmacokinetic evaluation of Ivabradine-Nebivolol co-encapsulated lipospheres. Journal of Molecular Liquids, 2021, 344, 117704.	4.9	4
149	Biodegradation of micropollutants. , 2022, , 477-507.		4
150	Thermoplastic polyurethane conjugated antimony doped tin oxide nanocomposite for enhanced electrical and thermal conductivity. Synthetic Metals, 2020, 269, 116570.	3.9	3
151	Octylamine as environment friendlier colorimetric detection probe for hazardous 2,4,6-Trinitrophenol from wastewater samples. Chemosphere, 2022, 293, 133537.	8.2	3
152	Thermoplastic polyurethane/rutile titanium dioxide composites tuned for hydrophobicity with effective reinforcement. Journal of Polymer Research, 2022, 29, 1.	2.4	3
153	A Case Report of Pregnant Lady having COVID-19 Delivered via Cesarean Section in Tertiary Care Hospital in Pakistan. Journal of Pure and Applied Microbiology, 2020, 14, 1121-1123.	0.9	2
154	Selective arylation of phenol proteted propygyl bromide via pd-catalysed Suzuki coupling reaction: synthesis, mechanistic studies by DFT calculations and Their Pharmacological Aspects". Acta Poloniae Pharmaceutica, 2018, 75, 911-919.	0.1	2
155	Biomass-derived nitrogen-rich porous carbon composite for supercapacitor application. Journal of Materials Science: Materials in Electronics, 2022, 33, 14793-14804.	2.2	2
156	Waterborne polyurethane-basedâ€‰electrodeâ€‰nanomaterials. , 2021, , 615-639.		1
157	Metal-organic frameworks for removal of heavy metals. , 2022, , 455-476.		1
158	Toxicological impact and adsorptive removal of triclosan from water bodies using chitosan and carbon-based nano-architectures. , 2022, , 437-452.		1
159	PHYTOCHEMICAL SCREENING OF DIFFERENT ROOT EXTRACTS OF Ageratum conyzoides AND THEIR POTENTIAL BIOACTIVE PROPERTIES. Journal of Experimental Biology and Agricultural Sciences, 2021, 9, 639-646.	0.4	0