

# Aftab Aslam Parwaz Khan

## List of Publications by Year in descending order

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189  
papers

5,584  
citations

101543

36  
h-index

106344

65  
g-index

209  
all docs

209  
docs citations

209  
times ranked

4072  
citing authors

#	ARTICLE	IF	CITATIONS
1	Photocatalytic transition-metal-oxides-based p-n heterojunction materials: synthesis, sustainable energy and environmental applications, and perspectives. <i>Journal of Nanostructure in Chemistry</i> , 2023, 13, 129-166.	9.1	17
2	Statistical study on the impact of different meteorological changes on the spread of COVID-19 pandemic in Egypt and its latitude. <i>Modeling Earth Systems and Environment</i> , 2022, 8, 2225-2231.	3.4	3
3	Synthesis and characterization of 2D structure of graphene oxide by using <i>Phyllanthus Emblica</i> : its photocatalytic activity on cationic dyes. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2022, 30, 409-418.	2.1	1
4	Superior removal of methylene blue using green fabricated pomegranate peel/nano-hematite composite: reusability, isotherm and kinetics study. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 12413-12425.	3.5	2
5	Recent progress in emerging BiPO <sub>4</sub> -based photocatalysts: Synthesis, properties, modification strategies, and photocatalytic applications. <i>Journal of Materials Science and Technology</i> , 2022, 108, 208-225.	10.7	63
6	Strategies based review on near-infrared light-driven bismuth nanocomposites for environmental pollutants degradation. <i>Chemosphere</i> , 2022, 291, 132781.	8.2	27
7	Covalent organic frameworks promoted single metal atom catalysis: Strategies and applications. <i>Coordination Chemistry Reviews</i> , 2022, 452, 214298.	18.8	132
8	Current status on designing of dual Z-scheme photocatalysts for energy and environmental applications. <i>Journal of Industrial and Engineering Chemistry</i> , 2022, 106, 340-355.	5.8	39
9	Emerging architecture titanium carbide (Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> ) MXene based photocatalyst toward degradation of hazardous pollutants: Recent progress and perspectives. <i>Chemosphere</i> , 2022, 293, 133541.	8.2	34
10	Strategies and perspectives of tailored SnS <sub>2</sub> photocatalyst for solar driven energy applications. <i>Solar Energy</i> , 2022, 231, 546-565.	6.1	32
11	Emerging new-generation covalent organic frameworks composites as green catalysts: design, synthesis and solar to fuel production. <i>Chemical Engineering Journal</i> , 2022, 433, 134594.	12.7	16
12	Sol-Gel Synthesis and Characterization of Highly Selective Poly(N-methyl pyrrole) Stannous(II) Tungstate Nano Composite for Mercury (Hg(II)) Detection. <i>Crystals</i> , 2022, 12, 371.	2.2	3
13	Preparation of Styrene-Butadiene Rubber (SBR) Composite Incorporated with Collagen-Functionalized Graphene Oxide for Green Tire Application. <i>Gels</i> , 2022, 8, 161.	4.5	15
14	Review on nitride compounds and its polymer composites: a multifunctional material. <i>Journal of Materials Research and Technology</i> , 2022, 18, 2175-2193.	5.8	34
15	Preparation and characterization of lignin/nano graphene oxide/styrene butadiene rubber composite for automobile tyre application. <i>International Journal of Biological Macromolecules</i> , 2022, 206, 363-370.	7.5	9
16	Graphitic carbon nitride based immobilized and non-immobilized floating photocatalysts for environmental remediation. <i>Chemosphere</i> , 2022, 297, 134229.	8.2	35
17	Current status of hematite (α-Fe <sub>2</sub> O <sub>3</sub> ) based Z-scheme photocatalytic systems for environmental and energy applications. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107427.	6.7	21
18	CO <sub>2</sub> photoreduction into solar fuels via vacancy engineered bismuth-based photocatalysts: Selectivity and mechanistic insights. <i>Chemical Engineering Journal</i> , 2022, 439, 135563.	12.7	56

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19	Green aspects of photocatalysts during corona pandemic: a promising role for the deactivation of COVID-19 virus. RSC Advances, 2022, 12, 13609-13627.	3.6	11
20	Insertion of metal cations into hybrid organometallic halide perovskite nanocrystals for enhanced stability: eco-friendly synthesis, lattice strain engineering, and defect chemistry studies. Nanoscale Advances, 2022, 4, 2729-2743.	4.6	5
21	Sustainable solutions for indoor pollution abatement during COVID phase: A critical study on current technologies & challenges. Journal of Hazardous Materials Advances, 2022, 7, 100097.	3.0	6
22	Effect of Process Parameters on the Fabrication of Hybrid Natural Fiber Composites Fabricated via Compression Moulding Process. Journal of Natural Fibers, 2022, 19, 14803-14812.	3.1	5
23	Magnetic molecularly imprinted polymer photocatalysts: synthesis, applications and future perspective. Journal of Industrial and Engineering Chemistry, 2022, 113, 1-14.	5.8	20
24	Recent progress on elemental sulfur based photocatalysts for energy and environmental applications. Chemosphere, 2022, 305, 135477.	8.2	8
25	Surveillance of omicron variants through wastewater epidemiology: Latest developments in environmental monitoring of pandemic. Science of the Total Environment, 2022, 843, 156724.	8.0	6
26	Copper sulfides based photocatalysts for degradation of environmental pollution hazards: A review on the recent catalyst design concepts and future perspectives. Surfaces and Interfaces, 2022, 33, 102182.	3.0	29
27	Photocatalytic degradation aspects of atrazine in water: Enhancement strategies and mechanistic insights. Journal of Cleaner Production, 2022, 367, 133087.	9.3	18
28	An overview on polymeric carbon nitride assisted photocatalytic CO <sub>2</sub> reduction: Strategically manoeuvring solar to fuel conversion efficiency. Chemical Engineering Science, 2021, 230, 116219.	3.8	72
29	Surface defect engineering of metal oxides photocatalyst for energy application and water treatment. Journal of Materiomics, 2021, 7, 388-418.	5.7	117
30	Natural aerogels for pollutant removal. , 2021, , 19-32.		1
31	Fabrication of a lead ion selective membrane based on a polycarbazole Sn(IV) arsenotungstate nanocomposite and its ion exchange membrane (IEM) kinetic studies. RSC Advances, 2021, 11, 4210-4220.	3.6	4
32	An overview of converting reductive photocatalyst into all solid-state and direct Z-scheme system for water splitting and CO <sub>2</sub> reduction. Journal of Industrial and Engineering Chemistry, 2021, 93, 1-27.	5.8	43
33	Adsorptive removals of pollutants using aerogels and its composites. , 2021, , 171-199.		0
34	Aerogel applications and future aspects. , 2021, , 357-367.		3
35	Solid-state hydrides for hydrogen storage. , 2021, , 249-264.		2
36	Bio-based aerogels and their environment applications: an overview. , 2021, , 347-356.		4

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37	An overview on WO <sub>3</sub> based photocatalyst for environmental remediation. Journal of Environmental Chemical Engineering, 2021, 9, 105018.	6.7	138
38	Fabrication of tantalum oxyfluoride and oxynitride thin films via ammonolysis of sol-gel processed tetraethoxy (1,2-diketonato) tantalum (V) precursors for enhanced photocatalytic activity. Journal of Materials Science: Materials in Electronics, 2021, 32, 10564-10578.	2.2	0
39	Converting Ag <sub>3</sub> PO <sub>4</sub> /CdS/Fe doped C <sub>3</sub> N <sub>4</sub> based dual Z-scheme photocatalyst into photo-Fenton system for efficient photocatalytic phenol removal. Journal of Industrial and Engineering Chemistry, 2021, 98, 148-160.	5.8	47
40	Isolation and Production of Nanocrystalline Cellulose from Conocarpus Fiber. Polymers, 2021, 13, 1835.	4.5	18
41	Advanced activation of persulfate by polymeric g-C <sub>3</sub> N <sub>4</sub> based photocatalysts for environmental remediation: A review. Journal of Hazardous Materials, 2021, 413, 125324.	12.4	293
42	An overview on cellulose-supported semiconductor photocatalysts for water purification. Nanotechnology for Environmental Engineering, 2021, 6, 1.	3.3	32
43	Recent advances and emerging trends in (BiO) <sub>2</sub> CO <sub>3</sub> based photocatalysts for environmental remediation: A review. Surfaces and Interfaces, 2021, 25, 101273.	3.0	12
44	Progress on the photocatalytic reduction of hexavalent Cr (VI) using engineered graphitic carbon nitride. Chemical Engineering Research and Design, 2021, 152, 663-678.	5.6	57
45	Advances and recent trends in cobalt-based cocatalysts for solar-to-fuel conversion. Applied Materials Today, 2021, 24, 101074.	4.3	23
46	Nanocomposite Based on CNT embedded in Water Soluble Conjugated Polyelectrolyte for the Electrochemical Sensing Barium(II) ion. International Journal of Electrochemical Science, 2021, 16, 21092.	1.3	0
47	Novel Z-Scheme ZnIn <sub>2</sub> S <sub>4</sub> -based photocatalysts for solar-driven environmental and energy applications: Progress and perspectives. Journal of Materials Science and Technology, 2021, 87, 234-257.	10.7	104
48	Hydrothermal synthesis and mechanically activated zeolite material for utilizing the removal of Ca/Mg from aqueous and raw groundwater. Journal of Environmental Chemical Engineering, 2021, 9, 105834.	6.7	9
49	Stable functionalization of g-C <sub>3</sub> N <sub>4</sub> with poly(vinylidene fluoride) for enhanced photocatalytic activity towards organic pollutants. Environmental Technology and Innovation, 2021, 24, 101972.	6.1	12
50	Toward practical solar-driven photocatalytic water splitting on two-dimensional MoS <sub>2</sub> based solid-state Z-scheme and S-scheme heterostructure. Fuel, 2021, 303, 121302.	6.4	26
51	Phenolic compounds degradation: Insight into the role and evidence of oxygen vacancy defects engineering on nanomaterials. Science of the Total Environment, 2021, 800, 149410.	8.0	36
52	Efficient catalytic degradation of organic pollutants with cupric oxide nanomaterials in aqueous medium. Journal of Environmental Chemical Engineering, 2021, 9, 106305.	6.7	8
53	Nanocomposites for hydrolysis of NaBH <sub>4</sub> , nanomaterials for hydrogen storage applications. , 2021, , 187-196.		0
54	Aerogel and its composites: fabrication and properties. , 2021, , 1-17.		1

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55	Production of Mayenite Nanoparticles from the Toxic Cement Dust. <i>Journal of Oleo Science</i> , 2021, 70, 1335-1341.	1.4	0
56	Exploring Rapid Photocatalytic Degradation of Organic Pollutants with Porous CuO Nanosheets: Synthesis, Dye Removal, and Kinetic Studies at Room Temperature. <i>ACS Omega</i> , 2021, 6, 2601-2612.	3.5	117
57	Enhanced photoelectrochemical water splitting activity of carbon nanotubes@TiO <sub>2</sub> nanoribbons in different electrolytes. <i>Chemosphere</i> , 2020, 238, 124554.	8.2	64
58	Potentiometric titration studies of poly(aniline-co-pyrrole)-Sn(IV)tungstoarsenate composite cation exchange membrane and their application as a Ni(II) selective electrode. <i>Journal of Dispersion Science and Technology</i> , 2020, 41, 1192-1200.	2.4	1
59	Fabrication of Ag/AgI/WO <sub>3</sub> heterojunction anchored P and S co-doped graphitic carbon nitride as a dual Z scheme photocatalyst for efficient dye degradation. <i>Solid State Sciences</i> , 2020, 100, 106095.	3.2	87
60	Electrically conductive self-healing materials: preparation, properties, and applications. , 2020, , 1-13.		2
61	Self-healing of polymer materials and their composites. , 2020, , 103-121.		0
62	Graphene-based material for self-healing: mechanism, synthesis, characteristics, and applications. , 2020, , 163-175.		2
63	Synergistic photocatalytic mitigation of imidacloprid pesticide and antibacterial activity using carbon nanotube decorated phosphorus doped graphitic carbon nitride photocatalyst. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2020, 113, 142-154.	5.3	65
64	Nanocomposite cross-linked conjugated polyelectrolyte/MWCNT/poly(pyrrole) for enhanced Mg <sup>2+</sup> ion sensing and environmental remediation in real samples. <i>Journal of Materials Research and Technology</i> , 2020, 9, 9667-9674.	5.8	11
65	An overview of strategies for enhancement in photocatalytic oxidative ability of MoS <sub>2</sub> for water purification. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104307.	6.7	38
66	Novel and Green Reduction of Graphene Oxide by Capsicum Annuum: Its Photo Catalytic Activity. <i>Journal of Natural Fibers</i> , 2020, , 1-16.	3.1	3
67	Recent progress on bismuth-based Z-scheme semiconductor photocatalysts for energy and environmental applications. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104505.	6.7	75
68	Preparation and characterization of polyvinylchloride membrane embedded with Cu nanoparticles for electrochemical oxidation in direct methanol fuel cell. <i>Transactions of Nonferrous Metals Society of China</i> , 2020, 30, 2207-2216.	4.2	5
69	Preparation and characterization of MCM-48/nickel oxide composite as an efficient and reusable catalyst for the assessment of photocatalytic activity. <i>Environmental Science and Pollution Research</i> , 2020, 27, 32670-32682.	5.3	16
70	Synthesis of magnetically separable Bi <sub>2</sub> O <sub>2</sub> CO <sub>3</sub> /carbon nanotube/ZnFe <sub>2</sub> O <sub>4</sub> as Z-scheme heterojunction with enhanced photocatalytic activity for water purification. <i>Journal of Sol-Gel Science and Technology</i> , 2020, 95, 408-422.	2.4	16
71	Hexagonal diameter in cadmium sulfide/anodic alumina nanoporous bi-layer membrane by a sol-gel spin coating and their sensing application. <i>Applied Physics A: Materials Science and Processing</i> , 2020, 126, 1.	2.3	3
72	Performance improvement strategies of CuWO <sub>4</sub> photocatalyst for hydrogen generation and pollutant degradation. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104230.	6.7	48

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73	Engineering nanostructures of CuO-based photocatalysts for water treatment: Current progress and future challenges. <i>Arabian Journal of Chemistry</i> , 2020, 13, 8424-8457.	4.9	177
74	Tunable photocatalytic activity of SrTiO <sub>3</sub> for water splitting: Strategies and future scenario. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 103791.	6.7	105
75	Exploring recent advances in silver halides and graphitic carbon nitride-based photocatalyst for energy and environmental applications. <i>Arabian Journal of Chemistry</i> , 2020, 13, 8271-8300.	4.9	33
76	Construction of carbon nanotube mediated Fe doped graphitic carbon nitride and Ag <sub>3</sub> VO <sub>4</sub> based Z-scheme heterojunction for H <sub>2</sub> O <sub>2</sub> assisted 2,4 dimethyl phenol photodegradation. <i>Separation and Purification Technology</i> , 2020, 247, 116957.	7.9	48
77	Electrocatalytic Behavior and Determination of Amitriptyline Drug with MWCNT@Cellulose Composite Modified Glassy Carbon Electrode. <i>Materials</i> , 2020, 13, 1708.	2.9	8
78	Graphene Decorated Zinc Oxide and Curcumin to Disinfect the Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Nanomaterials</i> , 2020, 10, 1004.	4.1	25
79	Preparation of new and novel wave like poly(2-anisidine) zirconium tungstate nanocomposite: Thermal, electrical and ion-selective studies. <i>Chinese Journal of Chemical Engineering</i> , 2019, 27, 459-466.	3.5	11
80	Transport and surface charge density of univalent ion of polyvinyl chloride-based barium tungstate ion-exchange composite membrane for industrial separation of waste water. <i>Journal of Industrial Textiles</i> , 2019, 49, 584-596.	2.4	4
81	Antibacterial Silver Nanomaterial Synthesis From <i>Mesoflavibacter zeaxanthinifaciens</i> and Targeting Biofilm Formation. <i>Frontiers in Pharmacology</i> , 2019, 10, 801.	3.5	50
82	Functionalized Graphene Aerogel. , 2019, , 157-176.		2
83	Surfactant-assisted graphene oxide/methylaniline nanocomposites for lead ionic sensor development for the environmental remediation in real sample matrices. <i>International Journal of Environmental Science and Technology</i> , 2019, 16, 8461-8470.	3.5	22
84	Facial synthesis of highly active polymer vanadium molybdate nanocomposite: Improved thermoelectric and antimicrobial studies. <i>Journal of Physics and Chemistry of Solids</i> , 2019, 131, 148-155.	4.0	14
85	A glucose biosensor based on a glassy carbon electrode modified with orthotolidine-methyl anthranilate@MWCNT composites. <i>Materials Research Express</i> , 2019, 6, 065407.	1.6	3
86	A green-nanocomposite film based on poly(vinyl alcohol)/ <i>Eleusine coracana</i> : structural, thermal, and morphological properties. <i>International Journal of Polymer Analysis and Characterization</i> , 2019, 24, 257-265.	1.9	19
87	Nanocarbon and its composites for water purification. , 2019, , 711-731.		11
88	Hexagonal arrays of Pt nanocylinders on the top surface of PAA membranes using low vacuum sputter coating technique. <i>Vacuum</i> , 2019, 161, 259-267.	3.5	4
89	A comprehensive review of techniques for natural fibers as reinforcement in composites: Preparation, processing and characterization. <i>Carbohydrate Polymers</i> , 2019, 207, 108-121.	10.2	584
90	Characterization of raw and alkali treated new natural cellulosic fibers from <i>Tridax procumbens</i> . <i>International Journal of Biological Macromolecules</i> , 2019, 125, 99-108.	7.5	299

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91	Electrical conductivity and ion-exchange kinetic studies of polythiophene Sn(VI)phosphate nano composite cation-exchanger. <i>Arabian Journal of Chemistry</i> , 2019, 12, 1652-1659.	4.9	10
92	Molecular and enzoinformatics perspectives of targeting Polo-like kinase 1 in cancer therapy. <i>Seminars in Cancer Biology</i> , 2019, 56, 47-55.	9.6	25
93	SDBS-functionalized MWCNT/poly(o-toluidine) nanowires modified glassy carbon electrode as a selective sensing platform for Ce <sup>3+</sup> in real samples. <i>Journal of Molecular Liquids</i> , 2019, 279, 392-399.	4.9	27
94	Complexation and oxidation of Flutamide with Fe <sup>3+</sup> and 1,10-phenanthroline: Few analytical applications. <i>Arabian Journal of Chemistry</i> , 2018, 11, 240-246.	4.9	7
95	Toward Facile Preparation and Design of Mulberry-Shaped Poly(2-methylaniline)-Ce <sub>2</sub> (WO <sub>4</sub> ) <sub>3</sub> @CNT Nanocomposite and Its Application for Electrochemical Cd <sup>2+</sup> Ion Detection for Environment Remediation. <i>Polymer-Plastics Technology and Engineering</i> , 2018, 57, 335-345.	1.9	20
96	Chemical Sensor Development and Antibacterial Activities Based on Polyaniline/Gemini Surfactants for Environmental Safety. <i>Journal of Polymers and the Environment</i> , 2018, 26, 1673-1684.	5.0	20
97	Preparation and characterization of PANI@C/CWO nanocomposite for enhanced 2-nitrophenol sensing. <i>Applied Surface Science</i> , 2018, 433, 696-704.	6.1	59
98	Removal of Congo red, methylene blue and Cr(VI) ions from water using natural serpentine. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018, 82, 102-116.	5.3	122
99	The conducting polymer electrolyte based on polypyrrole-polyvinyl alcohol and its application in low-cost quasi-solid-state dye-sensitized solar cells. <i>Journal of Solid State Electrochemistry</i> , 2018, 22, 3785-3797.	2.5	17
100	Resonance Light-Scattering Enhancement Effect of the Y(III)â€“PUFXâ€“Eosin System and its Fluorescence Study. <i>Pharmaceutical Chemistry Journal</i> , 2018, 52, 182-190.	0.8	1
101	Exosomes: A Paradigm in Drug Development against Cancer and Infectious Diseases. <i>Journal of Nanomaterials</i> , 2018, 2018, 1-17.	2.7	12
102	Chemical sensing platform for the Zn <sup>2+</sup> ions based on poly(o-anisidine-co-methyl anthranilate) copolymer composites and their environmental remediation in real samples. <i>Environmental Science and Pollution Research</i> , 2018, 25, 27899-27911.	5.3	17
103	Spectral and Mechanistic Investigation of Oxidation of Rizatriptan by Silver Third Periodate Complex in Aqueous Alkaline Medium. <i>Russian Journal of Physical Chemistry B</i> , 2018, 12, 412-421.	1.3	3
104	Impact of alkali treatment on physico-chemical, thermal, structural and tensile properties of <i>Carica papaya</i> bark fibers. <i>International Journal of Polymer Analysis and Characterization</i> , 2018, 23, 529-536.	1.9	68
105	Graphene Oxide Based Metallic Nanoparticles and their Some Biological and Environmental Application. <i>Current Drug Metabolism</i> , 2018, 18, 1020-1029.	1.2	13
106	Toward design and measurement of electrical conductivity and thermal properties of silver nanoparticle embedded poly(o-anisidine) molybdophosphate nanocomposite and its application as microbiosensor. <i>Polymer Composites</i> , 2017, 38, E237.	4.6	6
107	Sensor development of 1,2 Dichlorobenzene based on polypyrrole/Cu-doped ZnO (PPY/CZO) nanocomposite embedded silver electrode and their antimicrobial studies. <i>International Journal of Biological Macromolecules</i> , 2017, 98, 256-267.	7.5	47
108	Preparation of poly(2-methylaniline)V(III) tungstate nanofiber and its application as indicator electrode by diffusion phenomenon. <i>Solid State Ionics</i> , 2017, 301, 28-34.	2.7	3

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109	Facial synthesis, characterization of graphene oxide-zirconium tungstate (GO-Zr(WO <sub>4</sub> ) <sub>2</sub> ) nanocomposite and its application as modified microsensor for dopamine. <i>Journal of Alloys and Compounds</i> , 2017, 723, 811-819.	5.5	9
110	Mechanistic study of oxidation of d -arabinose by N-bromophthalimide in presence of micro-amount of chloro-complex of Ru(III) as a homogeneous catalyst. <i>Arabian Journal of Chemistry</i> , 2017, 10, 965-974.	4.9	2
111	Upgraded modified forms of bituminous coal for the removal of safranin-T dye from aqueous solution. <i>Environmental Science and Pollution Research</i> , 2017, 24, 18135-18151.	5.3	57
112	Room temperature preparation, electrical conductivity, and thermal behavior evaluation on silver nanoparticle embedded polyaniline tungstophosphate nanocomposite. <i>Polymer Composites</i> , 2016, 37, 2460-2466.	4.6	13
113	Deamination and decarboxylation of L-thyroxine by Chloroamine-T (CAT) in acidic medium: A mechanistic and kinetic study. <i>Russian Journal of Physical Chemistry B</i> , 2016, 10, 922-928.	1.3	1
114	Lead sensors development and antimicrobial activities based on graphene oxide/carbon nanotube/poly(O-toluidine) nanocomposite. <i>International Journal of Biological Macromolecules</i> , 2016, 89, 198-205.	7.5	67
115	A Mechanistic Approach to the Influence of Surfactants on the Oxidation of Ethyl Mercaptan and its Dimer Ethyl Mercaptan Disulfide by Hexacyanoferrate(III) Ions in Aqueous Medium. <i>Tenside, Surfactants, Detergents</i> , 2016, 53, 87-93.	1.2	2
116	Mechanistic Investigation of Osmium(VIII) Catalyzed Oxidation of Glutamic Acid With Sodium Salt of N-Chloro 4-Methylbenzenesulfonamide in Aqueous Media: A Practical Approach. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2016, 46, 10-18.	0.6	4
117	High performance polyaniline/vanadyl phosphate (PANI-VOPO <sub>4</sub> ) nano composite sheets prepared by exfoliation/intercalation method for sensing applications. <i>European Polymer Journal</i> , 2016, 75, 388-398.	5.4	43
118	Preparation, properties and applications of organic-inorganic hybrid nanocomposite poly(aniline-co-o-toluidine) tungstomolybdate. <i>Journal of Molecular Liquids</i> , 2016, 216, 646-653.	4.9	11
119	Kinetics and adsorption studies on the removal of levofloxacin using coconut coir charcoal impregnated with Al <sub>2</sub> O <sub>3</sub> nanoparticles. <i>Desalination and Water Treatment</i> , 2016, 57, 23918-23926.	1.0	15
120	A Mechanistic Studies of Mn(II) Catalyzed Oxidation of a Gabapentin by Peroxomonosulphate in Aqueous Alkaline Medium. <i>Zeitschrift Fur Physikalische Chemie</i> , 2016, 230, 51-65.	2.8	3
121	Studies on the oxidation of levofloxacin by N-bromosuccinimide in acidic medium and their mechanistic pathway. <i>Journal of Molecular Liquids</i> , 2016, 218, 604-610.	4.9	17
122	Conventional surfactant-doped poly (o-anisidine)/GO nanocomposites for benzaldehyde chemical sensor development. <i>Journal of Sol-Gel Science and Technology</i> , 2016, 77, 361-370.	2.4	37
123	Green synthesis of thermally stable Ag-rGO-CNT nano composite with high sensing activity. <i>Composites Part B: Engineering</i> , 2016, 86, 27-35.	12.0	33
124	Preparation of polyaniline grafted graphene oxide-VO <sub>3</sub> nanocomposite and its application as a chromium(III) chemi-sensor. <i>RSC Advances</i> , 2015, 5, 105169-105178.	3.6	37
125	Preparation and Properties of Novel Quaternized Metal-Polymer Matrix Nanocomposites. <i>Polymer-Plastics Technology and Engineering</i> , 2015, 54, 1615-1624.	1.9	7
126	Spectroscopic investigation on kinetics and mechanistic aspects to electron-transfer process into quinolinium dichromate oxidation of a high blood pressure drug captopril in acidic medium. <i>Journal of Molecular Liquids</i> , 2015, 203, 1-6.	4.9	9



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127	Preparation and properties of novel sol-gel-derived quaternized poly(n-methyl pyrrole)/Sn(II)SiO <sub>3</sub> /CNT composites. <i>Journal of Solid State Electrochemistry</i> , 2015, 19, 1479-1489.	2.5	36
128	Toward designing efficient rice-shaped polyaniline@bismuth oxide nanocomposites for sensor application. <i>Journal of Sol-Gel Science and Technology</i> , 2015, 76, 519-528.	2.4	9
129	Sol-gel synthesis of poly(o-toluidine)@Sn(II)silicate/CNT composites for ion selective membrane electrodes. <i>Journal of Molecular Liquids</i> , 2015, 208, 71-77.	4.9	18
130	Spectrophotometric methods for the determination of ampicillin by potassium permanganate and 1-chloro-2,4-dinitrobenzene in pharmaceutical preparations. <i>Arabian Journal of Chemistry</i> , 2015, 8, 255-263.	4.9	22
131	Influence of additives (inorganic/organic) on the clouding behavior of amphiphilic drug solutions: Some thermodynamic studies. <i>Journal of Saudi Chemical Society</i> , 2015, 19, 292-300.	5.2	5
132	Preparation and Characterization of hybrid graphene oxide composite and its application in paracetamol microbiosensor. <i>Polymer Composites</i> , 2015, 36, 221-228.	4.6	22
133	Synthesis of Silver Embedded Poly(o-Anisidine) Molybdophosphate Nano Hybrid Cation-Exchanger Applicable for Membrane Electrode. <i>PLoS ONE</i> , 2014, 9, e96897.	2.5	9
134	Modulation of Aggregation Behaviour of Amphiphilic Drug and Surfactant Mixture under the Influence of Neutral Polymer. <i>Asian Journal of Chemistry</i> , 2014, 26, 6023-6028.	0.3	0
135	Polybenzimidazole hybrid membranes as a selective adsorbent of mercury. <i>Composites Part B: Engineering</i> , 2014, 56, 392-396.	12.0	22
136	Dual nature, self oxidized poly(o-anisidine) functionalized multiwall carbon nanotubes composite: Preparation, thermal and electrical studies. <i>Composites Part B: Engineering</i> , 2014, 58, 451-456.	12.0	38
137	Micro concentrations of Ru(III) used as homogenous catalyst in the oxidation of levothyroxine by N-bromosuccinimide and the mechanistic pathway. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2014, 45, 127-133.	5.3	12
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