

Khalid A Alamry

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127
papers

2,144
citations

28
h-index

38
g-index

130
ext. papers

2,690
ext. citations

3.9
avg, IF

5.4
L-index

#	Paper	IF	Citations
127	Chitosan coated cotton cloth supported zero-valent nanoparticles: Simple but economically viable, efficient and easily retrievable catalysts. <i>Scientific Reports</i> , 2017 , 7, 16957	4.9	80
126	Synthesis and characterization of metal nanoparticles templated chitosan-SiO catalyst for the reduction of nitrophenols and dyes. <i>Carbohydrate Polymers</i> , 2018 , 192, 217-230	10.3	78
125	Modified polyether-sulfone membrane: a mini review. <i>Designed Monomers and Polymers</i> , 2017 , 20, 532-546	4.6	75
124	Metal-Organic Framework Enhances Aggregation-Induced Fluorescence of Chlortetracycline and the Application for Detection. <i>Analytical Chemistry</i> , 2019 , 91, 5913-5921	7.8	65
123	Highly sensitive and stable phenyl hydrazine chemical sensors based on CuO flower shapes and hollow spheres. <i>New Journal of Chemistry</i> , 2013 , 37, 1098	3.6	63
122	Bioinspired, Ultrastrong, Highly Biocompatible, and Bioactive Natural Polymer/Graphene Oxide Nanocomposite Films. <i>Small</i> , 2015 , 11, 4298-302	11	55
121	Synthesis, crystal structure, spectroscopic and density functional theory (DFT) study of N-[3-anthracen-9-yl-1-(4-bromo-phenyl)-allylidene]-N-benzenesulfonohydrazine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 142, 364-74	4.4	51
120	Sulfur-Doped Carbon Nitride Polymers for Photocatalytic Degradation of Organic Pollutant and Reduction of Cr(VI). <i>Molecules</i> , 2017 , 22,	4.8	50
119	Sensitive methanol sensor based on PMMA-G-CNTs nanocomposites deposited onto glassy carbon electrodes. <i>Talanta</i> , 2016 , 150, 71-80	6.2	45
118	Semiconductor nanoparticles for photoinitiation of free radical polymerization in aqueous and organic media. <i>Journal of Polymer Science Part A</i> , 2014 , 52, 1500-1507	2.5	44
117	Discovery of Hordenine as a Potential Inhibitor of Pyruvate Dehydrogenase Kinase 3: Implication in Lung Cancer Therapy. <i>Biomedicines</i> , 2020 , 8,	4.8	41
116	Synthesis, spectral behaviour and photophysics of donor-acceptor kind of chalcones: Excited state intramolecular charge transfer and fluorescence quenching studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 136 Pt C, 1893-902	4.4	40
115	Cubic mesoporous carbon nitride polymers with large cage-type pores for visible light photocatalysis. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 16179-16188	13	39
114	Europium metal-organic framework for selective and sensitive detection of doxycycline based on fluorescence enhancement. <i>Talanta</i> , 2020 , 207, 120297	6.2	39
113	A highly selective ratiometric fluorescent pH probe based on a PAMAM wavelength-shifting bichromophoric system. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 135, 792-800	4.4	38
112	Review on: liquid crystalline polyazomethines polymers. Basics, syntheses and characterization. <i>Designed Monomers and Polymers</i> , 2012 , 15, 431-463	3.1	38
111	Extraction and characterization of natural fiber from Eleusine indica grass as reinforcement of sustainable fiber reinforced polymer composites. <i>Journal of Natural Fibers</i> , 2019 , 1-9	1.8	36

110	Synthesis and antibacterial evaluation of amino acid-antibiotic conjugates. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014 , 24, 1856-61	2.9	35
109	Synthesis, antibacterial properties and 2D-QSAR studies of quinolone-triazole conjugates. <i>European Journal of Medicinal Chemistry</i> , 2018 , 143, 1524-1534	6.8	33
108	Preparation of polyaniline grafted graphene oxide/WO ₃ nanocomposite and its application as a chromium(III) chemi-sensor. <i>RSC Advances</i> , 2015 , 5, 105169-105178	3.7	33
107	Structure-property relationship of naphthalene based donor-acceptor organic dyes for dye-sensitized solar cells: remarkable improvement of open-circuit photovoltage. <i>Journal of Materials Chemistry</i> , 2012 , 22, 22550		32
106	Polymeric Ti ₃ C ₂ T _x MXene Composites for Room Temperature Ammonia Sensing. <i>ACS Applied Nano Materials</i> , 2020 , 3, 12071-12079	5.6	32
105	Micrometer-Thick Graphene Oxide-Layered Double Hydroxide Nacre-Inspired Coatings and Their Properties. <i>Small</i> , 2016 , 12, 745-55	11	32
104	Low dimensional Ni-ZnO nanoparticles as marker of toxic lead ions for environmental remediation. <i>Journal of Industrial and Engineering Chemistry</i> , 2014 , 20, 1071-1078	6.3	31
103	Facile synthesis of doped ZnO-CdO nanoblocks as solid-phase adsorbent and efficient solar photo-catalyst applications. <i>Journal of Industrial and Engineering Chemistry</i> , 2014 , 20, 2278-2286	6.3	31
102	Sol-gel synthesis and characterization of conducting polythiophene/tin phosphate nano tetrapod composite cation-exchanger and its application as Hg(II) selective membrane electrode. <i>Journal of Sol-Gel Science and Technology</i> , 2013 , 65, 160-169	2.3	31
101	Co ₃ O ₄ co-doped TiO ₂ nanoparticles as a selective marker of lead in aqueous solution. <i>New Journal of Chemistry</i> , 2013 , 37, 2888	3.6	30
100	Synthesis, antimalarial properties and 2D-QSAR studies of novel triazole-quinine conjugates. <i>Bioorganic and Medicinal Chemistry</i> , 2016 , 24, 3527-39	3.4	29
99	Effect of various environmental factors on the adsorption of U(VI) onto biochar derived from rice straw. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017 , 314, 377-386	1.5	28
98	Synthesis, selective pH-sensing activity and logic behavior of highly water-soluble 1,8-naphthalimide and dihydroimidazonaphthalimide derivatives. <i>Journal of Luminescence</i> , 2014 , 149, 325-332	3.8	28
97	Nanocomposite based functionalized Polyethersulfone and conjugated ternary ZnYCdO nanomaterials for the fabrication of selective Cd ²⁺ sensor probe. <i>Journal of Polymer Research</i> , 2018 , 25, 1	2.7	26
96	Exploration of silver oxide nanoparticles as a pointer of lanthanum for environmental applications. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2014 , 45, 2770-2776	5.3	24
95	Extraction and Characterization of Cellulose Fibers from the Stem of Momordica Charantia. <i>Journal of Natural Fibers</i> , 2020 , 1-11	1.8	24
94	Crystallographic Studies of Dehydration Phenomenon in Methyl 3-hydroxy-2-methyl-1,1,4-trioxo-1,2,3,4-tetrahydro-1 β -benzo[e][1,2]thiazine-3-carboxylate. <i>Journal of Chemical Crystallography</i> , 2013 , 43, 671-676	0.5	23
93	Synthesis and biological evaluation of fluoropyrazolesulfonylurea and thiourea derivatives as possible antidiabetic agents. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016 , 31, 157-163	5.6	22

92	Utilizing the crop waste of date palm fruit to biosynthesize polyhydroxyalkanoate bioplastics with favorable properties. <i>Science of the Total Environment</i> , 2020 , 737, 139716	10.2	21
91	Selective adsorption and determination of iron(III): Mn ₃ O ₄ /TiO ₂ composite nanosheets as marker of iron for environmental applications. <i>Applied Surface Science</i> , 2013 , 282, 46-51	6.7	21
90	A thermally and mechanically stable eco-friendly nanocomposite for chemical sensor applications. <i>New Journal of Chemistry</i> , 2012 , 36, 2368	3.6	21
89	Sensitive and Selective Detection of Antibiotic D-Penicillamine Based on a Dual-Mode Probe of Fluorescent Carbon Dots and Gold Nanoparticles. <i>Journal of Fluorescence</i> , 2018 , 28, 1405-1412	2.4	21
88	Extraction and Characterization of Natural Fibers from Citrullus lanatus Climber. <i>Journal of Natural Fibers</i> , 2020 , 1-9	1.8	20
87	From deep blue to green emitting and ultralong fluorescent copper(I) halide complexes containing dimethylthiophene diphosphine and PPh ligands. <i>Dalton Transactions</i> , 2019 , 48, 11448-11459	4.3	20
86	Self-Aggregation of Cationic Dimeric and Anionic Monomeric Surfactants with Nonionic Surfactant in Aqueous Medium. <i>Journal of Dispersion Science and Technology</i> , 2014 , 35, 358-363	1.5	20
85	Recent advances of emerging green chitosan-based biomaterials with potential biomedical applications: A review. <i>Carbohydrate Research</i> , 2021 , 506, 108368	2.9	20
84	Fluorescent MUA-stabilized Au nanoclusters for sensitive and selective detection of penicillamine. <i>Analytical and Bioanalytical Chemistry</i> , 2018 , 410, 2629-2636	4.4	19
83	DMAP-Mediated Synthesis of Fulleropyrrolines: Reaction of [60]Fullerene with Aromatic Aldehydes and Arylmethanamines in the Absence or Presence of Manganese(III) Acetate. <i>Journal of Organic Chemistry</i> , 2017 , 82, 9751-9764	4.2	19
82	TEMPO-Mediated Synthesis of Tetrahydropyridinofullerenes: Reaction of [60]Fullerene with Methyl-Substituted Arylmethanamines and Aldehydes in the Presence of 4-Dimethylaminopyridine. <i>Journal of Organic Chemistry</i> , 2018 , 83, 85-95	4.2	19
81	Efficient water disinfection using hybrid polyaniline/graphene/carbon nanotube nanocomposites. <i>Environmental Technology (United Kingdom)</i> , 2019 , 40, 2813-2824	2.6	18
80	Dendritic core-shell silica spheres with large pore size for separation of biomolecules. <i>Journal of Chromatography A</i> , 2018 , 1540, 31-37	4.5	17
79	Effect of alkali treatment on performance characterization of Ziziphus mauritiana fiber and its epoxy composites. <i>Journal of Industrial Textiles</i> , 2020 , 152808372094261	1.6	17
78	Novel nanosized water soluble fluorescent micelles with embedded perylene diimide fluorophores for potential biomedical applications: cell permeability, localization and cytotoxicity. <i>Materials Science and Engineering C</i> , 2015 , 51, 7-15	8.3	16
77	Preparation and Characterization of hybrid graphene oxide composite and its application in paracetamol microbiosensor. <i>Polymer Composites</i> , 2015 , 36, 221-228	3	16
76	Application of Electrically Conducting Nanocomposite Material Polythiophene@NiO/Frt/GOx as Anode for Enzymatic Biofuel Cells. <i>Materials</i> , 2020 , 13,	3.5	16
75	Efficient TADF-OLEDs with ultra-soluble Copper(I) halide complexes containing non-symmetrically substituted bidentate phosphine and PPh ₃ ligands. <i>Journal of Luminescence</i> , 2020 , 220, 116963	3.8	16

74	Sensitive detection and imaging of endogenous peroxyxynitrite using a benzo[d]thiazole derived cyanine probe. <i>Talanta</i> , 2019 , 196, 345-351	6.2	16
73	Controlled release of organic-inorganic nanohybrid: cefadroxil intercalated Zn-Al-layered double hydroxide. <i>International Journal of Nanomedicine</i> , 2018 , 13, 3203-3222	7.3	15
72	Synthesis of 2-Aryl-5-alkyl-fulleropyrrolidines: Metal-Free-Mediated Reaction of [60]Fullerene with Aromatic Aldehydes and Inactive Primary Amines. <i>Journal of Organic Chemistry</i> , 2017 , 82, 8617-8627	4.2	15
71	Sulfone-modified chitosan as selective adsorbent for the extraction of toxic Hg(II) metal ions. <i>Adsorption Science and Technology</i> , 2019 , 37, 139-159	3.6	15
70	Spectroscopic investigation, photophysical parameters and DFT calculations of 4,4S(1E,1E)-2,2S(pyrazine-2,5-diyl)bis(ethene-2,1-diyl)bis(N,N-dimethylaniline) (PENDA) in different solvents. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 149, 722-30	4.4	14
69	Nanocomposite-Based Aminated Polyethersulfone and Carboxylate Activated Carbon for Environmental Application. A Real Sample Analysis. <i>Journal of Carbon Research</i> , 2018 , 4, 30	3.3	14
68	Highly-efficient blue neutral mononuclear copper(I) halide complexes containing bi- and mono-dentate phosphine ligands. <i>Journal of Luminescence</i> , 2018 , 196, 425-430	3.8	13
67	Syntheses and photoluminescence of copper(I) halide complexes containing dimethylthiophene bidentate phosphine ligands. <i>New Journal of Chemistry</i> , 2019 , 43, 13408-13417	3.6	13
66	From a blue to white to yellow emitter: a hexanuclear copper iodide nanocluster. <i>Dalton Transactions</i> , 2020 , 49, 5859-5868	4.3	12
65	Citrate-modified MgAl layered double hydroxides for efficient removal of lead from water. <i>Environmental Chemistry Letters</i> , 2018 , 16, 561-567	13.3	12
64	Surface selectivity competition of newly synthesized polyarylidene(keto amine) polymers toward different metal ions. <i>Journal of Applied Polymer Science</i> , 2014 , 131, n/a-n/a	2.9	12
63	Eco-friendly synthesis and in vitro antibacterial activities of some novel chalcones. <i>Russian Journal of Bioorganic Chemistry</i> , 2013 , 39, 353-7	1	12
62	Fabrication of a hydrazine chemical sensor based on facile synthesis of doped NZO nanostructure materials. <i>New Journal of Chemistry</i> , 2020 , 44, 13018-13029	3.6	11
61	Nanocomposites-based nitrated polyethersulfone and doped ZnYNiO for selective As ³⁺ sensor application. <i>Advances in Polymer Technology</i> , 2018 , 37, 3689-3700	1.9	11
60	Use of Fourier transform near-infrared spectroscopy combined with a relevance vector machine to discriminate <i>Tetrastigma hemsleyanum</i> (Sanyeqing) from other related species. <i>Analytical Methods</i> , 2017 , 9, 4023-4027	3.2	10
59	Spectral behavior and photophysical parameters of (Z)-3-[4-(dimethylamino)phenyl]-2-(4-fluorophenyl) prop-2-ene-nitrile (DPF) in different media. <i>Journal of Luminescence</i> , 2015 , 157, 163-171	3.8	10
58	Stereoselective synthesis of cyclopentafullerenes: the reaction of [60]fullerene with aldehydes and triethylamine promoted by magnesium perchlorate. <i>New Journal of Chemistry</i> , 2018 , 42, 9291-9299	3.6	9
57	Effect of Medium Acidity and Photostability of 3-(4-Dimethylamino-phenyl)-1-(2,5-dimethyl-thiophen-3-yl)-propenone (DDTP): A New Green Emitting Laser Dye. <i>Chinese Journal of Chemistry</i> , 2011 , 29, 2557-2561	4.9	9

56	Nanoporous colorant sensors and captors for simultaneous recognition and recovery of gold from E-wastes. <i>Waste Management</i> , 2020 , 116, 166-178	8.6	9
55	Polypyrrole nanoparticles-based soft actuator for artificial muscle applications.. <i>RSC Advances</i> , 2019 , 9, 39721-39734	3.7	9
54	Gabapentin hybrid peptides and bioconjugates. <i>Bioorganic and Medicinal Chemistry</i> , 2014 , 22, 1479-86	3.4	8
53	Potential anti-cancer performance of chitosan-based ketosulfone derivatives. <i>Cogent Chemistry</i> , 2018 , 4, 1559435	2.5	8
52	Metal-free synthesis of fulleropyrrolidin-2-ols: a novel reaction of [60]fullerene with amines and 2,2-disubstituted acetaldehydes. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 7648-7656	3.9	8
51	Novel biologically active polyurea derivatives and its TiO-doped nanocomposites. <i>Designed Monomers and Polymers</i> , 2020 , 23, 59-74	3.1	7
50	Modification of alginic acid for the removal of dyes from aqueous solutions by solid-phase extraction. <i>International Journal of Environmental Analytical Chemistry</i> , 2020 , 1-21	1.8	7
49	Calcium Ions Turn on the Fluorescence of Oxytetracycline for Sensitive and Selective Detection. <i>Journal of Fluorescence</i> , 2020 , 30, 463-470	2.4	7
48	Metal-free-mediated synthesis of fulleropyrrolines by the reaction of [60]fullerene with substituted ethylamines. <i>New Journal of Chemistry</i> , 2017 , 41, 8725-8728	3.6	7
47	Selective detection of gold(III) ions based on codoped MnO ₂ /SnO ₂ nanocubes prepared by solution method. <i>Materials Research Bulletin</i> , 2014 , 51, 287-294	5.1	7
46	Mechanistic insights into the urea-induced denaturation of human sphingosine kinase 1. <i>International Journal of Biological Macromolecules</i> , 2020 , 161, 1496-1505	7.9	7
45	Metal-Free Synthesis of N-Alkyl-2,5-Unsubstituted/Monosubstituted Fulleropyrrolidines: Reaction of [60]Fullerene with Paraformaldehyde and Amines. <i>Journal of Organic Chemistry</i> , 2019 , 84, 2922-2932	4.2	6
44	The inhibition performance of a novel benzenesulfonamide-based benzoxazine compound in the corrosion of X60 carbon steel in an acidizing environment. <i>RSC Advances</i> , 2021 , 11, 7078-7095	3.7	6
43	Synthesis, characterization and luminescent properties of copper(I) halide complexes containing biphenyl bidentate phosphine ligand. <i>Journal of Coordination Chemistry</i> , 2017 , 70, 3907-3919	1.6	5
42	Exploring the effect of organic/inorganic additives loaded on modified polyethersulfone membranes. <i>Journal of Applied Polymer Science</i> , 2019 , 136, 47686	2.9	5
41	Properties and Applications of Poly(3-hydroxybutyrate-co-3-hydroxyvalerate) Biocomposites. <i>Journal of Polymers and the Environment</i> , 2021 , 29, 1010-1030	4.5	5
40	Multifunctional Biopolymers-Based Composite Materials for Biomedical Applications: A Systematic Review. <i>ChemistrySelect</i> , 2021 , 6, 154-176	1.8	5
39	Micellization behavior of bile salt with pluronic (F-127) and synthesis of silver nanoparticles in a mixed system. <i>Journal of Physical Organic Chemistry</i> , 2019 , 32, e3964	2.1	4

38	Synthesis, Characterization and Luminescent Properties of Copper(I) Halide Complexes Containing 1-(Diphenylphosphino)naphthalene. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2017 , 27, 101-109	3.2	4
37	Synthesis and Spectral Properties of 4-(2,5-Dimethoxyphenylmethelene)-2-phenyl-5-oxazolone (DMPO). <i>Chinese Journal of Chemistry</i> , 2012 , 30, 563-569	4.9	4
36	Ultrasound assisted microencapsulation of zinc triflate in polyethersulfone as an efficient regioselective catalyst for Friedel-Crafts acylation reaction. <i>Polymer</i> , 2020 , 189, 122123	3.9	4
35	A green nanocomposite based modified cellulose/TiO ₂ /Cinnamon bark for the reduction of toxic organic compounds using spectrophotometric technique. <i>Journal of Materials Research and Technology</i> , 2021 , 12, 947-966	5.5	4
34	Functionalized polyethersulfone as PES-NH ₂ -metal oxide nanofilers for the detection of Y ³⁺ . <i>Polymer Bulletin</i> , 2019 , 76, 4485-4506	2.4	4
33	A hybrid electro-responsive SWNT/PEDOT: PSS-based membrane towards soft actuator applications. <i>Journal of Reinforced Plastics and Composites</i> , 2021 , 40, 87-102	2.9	4
32	Application of biochar derived from rice straw for the removal of Th(IV) from aqueous solution. <i>Separation Science and Technology</i> , 2018 , 53, 1511-1521	2.5	3
31	Synthesis, characterization and luminescent properties of three-coordinate copper(I) halide complexes containing diphenylamino monodentate phosphine ligand. <i>Journal of Coordination Chemistry</i> , 2017 , 70, 2916-2928	1.6	3
30	Green, Catalyst-Free Synthesis of Mesalazine Conjugates. <i>Synthesis</i> , 2013 , 45, 3255-3258	2.9	3
29	Revisiting the Impact of Morphology and Oxidation State of Cu on CO Reduction Using Electrochemical Flow Cell.. <i>Journal of Physical Chemistry Letters</i> , 2022 , 345-351	6.4	3
28	The effect of curing temperatures on the thermal behaviour of new polybenzoxazine-modified epoxy resin. <i>Polymer Bulletin</i> , 2020 , 77, 5439-5449	2.4	3
27	A New Class of Polyethylene Glycol-Grafted Graphene Carbon Nanotube Composite as a Selective Adsorbent for Au(III). <i>Waste and Biomass Valorization</i> , 2021 , 12, 937-946	3.2	3
26	A facile and green approach for the fabrication of nano-biocomposites by reducing silver salt solution into silver nanoparticles using modified carboxymethyl cellulose for antimicrobial potential. <i>Journal of Polymer Research</i> , 2021 , 28, 1	2.7	3
25	Synthesis of Arylvinyl-Substituted Fulleropyrrolidines: Novel Reaction of [60]Fullerene with Cinnamaldehydes and Amines. <i>ChemistrySelect</i> , 2019 , 4, 5240-5245	1.8	2
24	Carbon dots tailored with a fluorophore for sensitive and selective detection of hydrogen sulfide based on a ratiometric fluorescence signal. <i>Analytical Methods</i> , 2020 , 12, 1617-1623	3.2	2
23	Phosphorylation-Dependent SERS Readout for Activity Assay of Protein Kinase A in Cell Extracts. <i>Nanomaterials</i> , 2020 , 10,	5.4	2
22	Fabrication and enzyme-free electrochemical sensing response of polyaniline/silver/clove modified composite electrode. <i>Synthetic Metals</i> , 2022 , 285, 117023	3.6	2
21	Sensitive electrochemical detection of toxic nitro-phenol in real environmental samples using enzymeless oxidized-carboxymethyl cellulose-sulfate/sulfated polyaniline composite based electrode. <i>Microchemical Journal</i> , 2022 , 172, 106902	4.8	2

20	Synthesis and bioactivity of a Goralatide analog with antileukemic activity. <i>Bioorganic and Medicinal Chemistry</i> , 2015 , 23, 5056-5060	3.4	1
19	Nanogels for Bromelain Stabilization. <i>Nano LIFE</i> , 2018 , 08, 1850002	0.9	1
18	Heterogeneous Reaction of HCOOH on NaCl Particles at Different Relative Humidities. <i>Journal of Physical Chemistry A</i> , 2018 , 122, 7218-7226	2.8	1
17	Performance of biochar derived from rice straw for removal of Ni(II) in batch experiments. <i>Water Science and Technology</i> , 2018 , 2017, 824-834	2.2	1
16	Solid-state synthesis of CdFeO binary catalyst for potential application in renewable hydrogen fuel generation.. <i>Scientific Reports</i> , 2022 , 12, 1632	4.9	1
15	Zinc oxide doped arylidene based polyketones hybrid nanocomposites for enhanced biological activity. <i>Materials Research Express</i> , 2020 , 7, 075302	1.7	1
14	The role of the arylidene linkage on the antimicrobial enhancement of new tert-butylcyclohexanone-based polyketones. <i>Polymer Bulletin</i> , 2020 , 78, 5427	2.4	1
13	Polybenzoxazine-modified epoxy resin: thermal properties and coating performance. <i>International Journal of Polymer Analysis and Characterization</i> , 2021 , 26, 189-203	1.7	1
12	Modeling Fracture Formation, Behavior and Mechanics of Polymeric Materials: A Biomedical Implant Perspective. <i>Journal of Composites Science</i> , 2022 , 6, 31	3	0
11	Design and synthesis of a combined meso-adsorbent/chemo-sensor for extraction and detection of silver ions.. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022 , 272, 120938	4.4	0
10	Theoretical Computations on the Pyrolysis of Alkyl (dithio)acetates. <i>Letters in Organic Chemistry</i> , 2020 , 17, 224-233	0.6	0
9	Characterization and actuation behavior of SPS/SGO ion exchange polymer actuator based on PEDOT: PSS/SGO composite electrode. <i>Polymer-Plastics Technology and Materials</i> , 2020 , 59, 687-701	1.5	0
8	Unravelling the unfolding pathway of human Fas-activated serine/threonine kinase induced by urea. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021 , 39, 5516-5525	3.6	0
7	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> , 2021 , 1-13	3.6	0
6	Efficient and easily retrievable green modified carboxymethyl cellulose coated A. indica stem bark encapsulated metal nanoparticles towards the reduction of o-nitrophenol and azo dyes. <i>Applied Nanoscience (Switzerland)</i> , 2021 , 11, 1057-1074	3.3	0
5	Stimuli-Responsive Conducting Polymer Composites 2020 , 159-186		
4	Enhanced antimicrobial activity of new arylidene-based polyketone nanocomposite materials. <i>Polymer-Plastics Technology and Materials</i> , 2020 , 59, 1973-1986	1.5	
3	Antifouling Performance of Cellulose Acetate Films Based on a New Benzoxazine Derivative. <i>ChemistrySelect</i> , 2021 , 6, 10386-10398	1.8	

- 2 Magnetically separable Ag NWs/Fe₃O₄@mTiO₂ nanowires: fabrication and photocatalytic activity. *Micro and Nano Letters*, **2019**, 14, 577-580 0.9
- 1 Pyrolysis of (thio)carbonates via computation analysis. *Journal of Theoretical and Computational Chemistry*, **2018**, 17, 1850041 1.8