

# Anish Khan

## List of Publications by Year in descending order

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Version: 2024-02-01

300  
papers

7,909  
citations

70961

41  
h-index

95083

68  
g-index

342  
all docs

342  
docs citations

342  
times ranked

5639  
citing authors

#	ARTICLE	IF	CITATIONS
1	A comprehensive review of techniques for natural fibers as reinforcement in composites: Preparation, processing and characterization. <i>Carbohydrate Polymers</i> , 2019, 207, 108-121.	5.1	584
2	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.	3.6	299
3	Magnetic and electrical properties of In doped cobalt ferrite nanoparticles. <i>Journal of Applied Physics</i> , 2012, 112, .	1.1	249
4	Characterization of raw and alkali treated new natural cellulosic fibres extracted from the aerial roots of banyan tree. <i>International Journal of Biological Macromolecules</i> , 2019, 138, 573-581.	3.6	190
5	A new study on effect of various chemical treatments on <i>Agave Americana</i> fiber for composite reinforcement: Physico-chemical, thermal, mechanical and morphological properties. <i>Polymer Testing</i> , 2020, 85, 106437.	2.3	165
6	Characterization of a novel natural cellulosic fiber from <i>Calotropis gigantea</i> fruit bunch for ecofriendly polymer composites. <i>International Journal of Biological Macromolecules</i> , 2020, 150, 793-801.	3.6	135
7	Preparation and characterization of a new organic-inorganic nano-composite poly-o-toluidine Th(IV) phosphate: Its analytical applications as cation-exchanger and in making ion-selective electrode. <i>Talanta</i> , 2007, 72, 699-710.	2.9	122
8	Characterization of new cellulosic fiber: <i>Dracaena reflexa</i> as a reinforcement for polymer composite structures. <i>Journal of Materials Research and Technology</i> , 2019, 8, 1952-1963.	2.6	113
9	Structural and optical properties of gel-combustion synthesized Zr doped ZnO nanoparticles. <i>Optical Materials</i> , 2013, 35, 1189-1193.	1.7	99
10	Morphological, chemical and thermal analysis of cellulose nanocrystals extracted from bamboo fibre. <i>International Journal of Biological Macromolecules</i> , 2020, 160, 183-191.	3.6	89
11	Enhanced photocatalytic degradation and hydrogen production activity of in situ grown TiO <sub>2</sub> coupled NiTiO <sub>3</sub> nanocomposites. <i>Applied Surface Science</i> , 2018, 449, 790-798.	3.1	87
12	Synthesis, characterization of silver nanoparticle embedded polyaniline tungstophosphate-nanocomposite cation exchanger and its application for heavy metal selective membrane. <i>Composites Part B: Engineering</i> , 2013, 45, 1486-1492.	5.9	81
13	Polyphenylsulfone/multiwalled carbon nanotubes mixed ultrafiltration membranes: Fabrication, characterization and removal of heavy metals Pb <sup>2+</sup> , Hg <sup>2+</sup> , and Cd <sup>2+</sup> from aqueous solutions. <i>Arabian Journal of Chemistry</i> , 2020, 13, 4661-4672.	2.3	81
14	Cellulose Derived Graphene/Polyaniline Nanocomposite Anode for Energy Generation and Bioremediation of Toxic Metals via Benthic Microbial Fuel Cells. <i>Polymers</i> , 2021, 13, 135.	2.0	80
15	Photocatalytic degradation of a widely used insecticide Thiamethoxam in aqueous suspension of TiO <sub>2</sub> : Adsorption, kinetics, product analysis and toxicity assessment. <i>Science of the Total Environment</i> , 2013, 458-460, 388-398.	3.9	73
16	Characterization of Natural Cellulose Fiber from the Barks of <i>Vachellia farnesiana</i> . <i>Journal of Natural Fibers</i> , 2022, 19, 1343-1352.	1.7	73
17	Acetone sensor based on solvothermally prepared ZnO doped with Co <sub>3</sub> O <sub>4</sub> nanorods. <i>Mikrochimica Acta</i> , 2013, 180, 675-685.	2.5	71
18	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.	0.9	68

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19	Lead sensors development and antimicrobial activities based on graphene oxide/carbon nanotube/poly(O-toluidine) nanocomposite. International Journal of Biological Macromolecules, 2016, 89, 198-205.	3.6	67
20	Extraction and characterization of natural fiber from Eleusine indica grass as reinforcement of sustainable fiber reinforced polymer composites. Journal of Natural Fibers, 2021, 18, 1742-1750.	1.7	67
21	Effect of coir fiber and TiC nanoparticles on basalt fiber reinforced epoxy hybrid composites: physico-mechanical characteristics. Cellulose, 2021, 28, 3451-3471.	2.4	67
22	Characterization of New Cellulosic Fiber from the Bark of <i>Acacia nilotica</i> L. Plant. Journal of Natural Fibers, 2022, 19, 199-208.	1.7	65
23	Effect of cellulose nano fibers and nano clays on the mechanical, morphological, thermal and dynamic mechanical performance of kenaf/epoxy composites. Carbohydrate Polymers, 2020, 239, 116248.	5.1	65
24	Synthesis, characterisation and ethanol sensing application of polythiophene/graphene nanocomposite. Materials Chemistry and Physics, 2020, 239, 122324.	2.0	64
25	Preparation and characterization of PANI@C/CWO nanocomposite for enhanced 2-nitrophenol sensing. Applied Surface Science, 2018, 433, 696-704.	3.1	59
26	Electrical Conductivity Based Ammonia Sensing Properties of Polypyrrole/MoS <sub>2</sub> Nanocomposite. Polymers, 2020, 12, 3047.	2.0	59
27	Characterization of Natural Fibers from <i>Cortaderia Selloana</i> Grass (Pampas) as Reinforcement Material for the Production of the Composites. Journal of Natural Fibers, 2021, 18, 1893-1901.	1.7	58
28	Recent developments and challenges in natural fiber composites: A review. Polymer Composites, 2022, 43, 2545-2561.	2.3	58
29	Upgraded modified forms of bituminous coal for the removal of safranin-T dye from aqueous solution. Environmental Science and Pollution Research, 2017, 24, 18135-18151.	2.7	57
30	Extraction and characterization of vetiver grass ( <i>Chrysopogon zizanioides</i> ) and kenaf fiber ( <i>Hibiscus</i> ) Research and Technology, 2020, 9, 773-778.	2.6	56
31	Mechanical, water absorption and wear characteristics of novel polymeric composites: Impact of hybrid natural fibers and oil cake filler addition. Journal of Industrial Textiles, 2022, 51, 5910S-5937S.	1.1	56
32	Synthesis of highly active visible-light-driven colloidal silver orthophosphate. Chemical Physics Letters, 2012, 519-520, 54-58.	1.2	53
33	Investigation on the Physicochemical and Mechanical Properties of Novel Alkali-treated <i>Phaseolus vulgaris</i> Fibers. Journal of Natural Fibers, 2022, 19, 770-781.	1.7	53
34	Effects of Date Palm fibres loading on mechanical, and thermal properties of Date Palm reinforced phenolic composites. Journal of Materials Research and Technology, 2020, 9, 3614-3621.	2.6	52
35	Aggregation behaviour of amphiphilic drug and bile salt mixtures at different compositions and temperatures. Journal of Chemical Thermodynamics, 2013, 64, 28-39.	1.0	49
36	Hydrazine sensor based on silver nanoparticle-decorated polyaniline tungstophosphate nanocomposite for use in environmental remediation. Mikrochimica Acta, 2016, 183, 1787-1796.	2.5	49

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37	Extraction and Characterization of Natural Fibers from <i>Citrullus lanatus</i> Climber. Journal of Natural Fibers, 2022, 19, 621-629.	1.7	49
38	Sensor development of 1,2 Dichlorobenzene based on polypyrrole/Cu-doped ZnO (PPY/CZO) nanocomposite embedded silver electrode and their antimicrobial studies. International Journal of Biological Macromolecules, 2017, 98, 256-267.	3.6	47
39	Structural and Thermal Properties of Chemically Modified <i>Luffa Cylindrica</i> Fibers. Journal of Natural Fibers, 2021, 18, 1037-1043.	1.7	47
40	Composite Material-Based Conducting Polymers for Electrochemical Sensor Applications: a Mini Review. BioNanoScience, 2020, 10, 351-364.	1.5	46
41	Understanding the Origin of the Photocatalytic CO <sub>2</sub> Reduction by Au- and Cu-Loaded TiO <sub>2</sub> : A Microsecond Transient Absorption Spectroscopy Study. Journal of Physical Chemistry C, 2015, 119, 6819-6827.	1.5	43
42	High performance polyaniline/vanadyl phosphate (PANI-VOPO4) nano composite sheets prepared by exfoliation/intercalation method for sensing applications. European Polymer Journal, 2016, 75, 388-398.	2.6	43
43	Optimization of Glucose Powered Biofuel Cell Anode Developed by Polyaniline-Silver as Electron Transfer Enhancer and Ferritin as Biocompatible Redox Mediator. Scientific Reports, 2017, 7, 12703.	1.6	43
44	<i>Pongamia pinnata</i> shell powder filled sisal/kevlar hybrid composites: Physicomechanical and morphological characteristics. Polymer Composites, 2021, 42, 4434-4447.	2.3	43
45	Utilizing Biomass-Based Graphene Oxide-Polyaniline-Ag Electrodes in Microbial Fuel Cells to Boost Energy Generation and Heavy Metal Removal. Polymers, 2022, 14, 845.	2.0	43
46	Chemical sensor development based on poly(o-anisidine)silverized-MWCNT nanocomposites deposited on glassy carbon electrodes for environmental remediation. RSC Advances, 2015, 5, 71370-71378.	1.7	42
47	An advanced nano-composite cation-exchanger polypyrrole zirconium titanium phosphate as a Th(IV)-selective potentiometric sensor: preparation, characterization and its analytical application. Journal of Materials Science, 2010, 45, 3610-3625.	1.7	40
48	Multienzyme microbiosensor based on electropolymerized o-phenylenediamine for simultaneous in vitro determination of acetylcholine and choline. Biosensors and Bioelectronics, 2012, 31, 433-438.	5.3	40
49	Heterogeneous photocatalysed degradation of an insecticide derivative acetamiprid in aqueous suspensions of semiconductor. Desalination, 2010, 261, 169-174.	4.0	38
50	Dual nature, self oxidized poly(o-anisidine) functionalized multiwall carbon nanotubes composite: Preparation, thermal and electrical studies. Composites Part B: Engineering, 2014, 58, 451-456.	5.9	38
51	Catalytic stereoselective addition to alkynes. Borylation or silylation promoted by magnesia-supported iron oxide and cis-diboronation or silaboration by supported platinum nanoparticles. Journal of Catalysis, 2015, 329, 401-412.	3.1	38
52	Extraction and Characterization of Cellulose Fibers from the Stem of <i>Momordica Charantia</i> . Journal of Natural Fibers, 2022, 19, 2232-2242.	1.7	38
53	Photocatalytic degradation of herbicide Bentazone in aqueous suspension of TiO <sub>2</sub> : mineralization, identification of intermediates and reaction pathways. Environmental Technology (United Kingdom), 2014, 35, 407-415.	1.2	37
54	Preparation of polyaniline grafted graphene oxide-WO <sub>3</sub> nanocomposite and its application as a chromium(III) chemi-sensor. RSC Advances, 2015, 5, 105169-105178.	1.7	37

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55	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.	1.1	37
56	Antibacterial activity of iron oxide nanoparticles synthesized by co-precipitation technology against <i>Bacillus cereus</i> and <i>Klebsiella pneumoniae</i> . <i>Polish Journal of Chemical Technology</i> , 2017, 19, 110-115.	0.3	37
57	Modification of Fibers and Matrices in Natural Fiber Reinforced Polymer Composites: A Comprehensive Review. <i>Macromolecular Rapid Communications</i> , 2022, 43, .	2.0	37
58	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.	2.9	36
59	Electrical and Optical Properties of Nickel- and Molybdenum-Doped Titanium Dioxide Nanoparticle: Improved Performance in Dye-Sensitized Solar Cells. <i>Journal of Materials Engineering and Performance</i> , 2014, 23, 3184-3192.	1.2	36
60	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.	1.2	36
61	Self-healing polymer composites and its chemistry. , 2020, , 415-427.		36
62	A comprehensive review on performance and machinability of plant fiber polymer composites. <i>Polymer Composites</i> , 2022, 43, 608-623.	2.3	36
63	Photocatalytic degradation of reactive anionic dyes RB5, RR198 and RY145 via rare earth element (REE) lanthanum substituted CaTiO <sub>3</sub> perovskite catalysts. <i>Journal of Materials Research and Technology</i> , 2021, 15, 5936-5947.	2.6	36
64	Bio-composite film from corn starch based vetiver cellulose. <i>Journal of Natural Fibers</i> , 2022, 19, 14634-14644.	1.7	36
65	Electrical conductivity and ammonia sensing studies on polythiophene/MWCNTs nanocomposites. <i>Materialia</i> , 2020, 14, 100868.	1.3	35
66	Experimental investigation on the mechanical and morphological behavior of <i>Prosopis juliflora</i> bark fibers/E-glass/carbon fabrics reinforced hybrid polymeric composites for structural applications. <i>Polymer Composites</i> , 2020, 41, 4983-4993.	2.3	35
67	Electrical conductivity and cation exchange kinetic studies on poly-o-toluidine Th(IV) phosphate nano-composite cation exchange material. <i>Talanta</i> , 2007, 73, 850-856.	2.9	34
68	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.	2.9	34
69	Effect of TiC Nanoparticles Reinforcement in Coir Fiber Based Bio/Synthetic Epoxy Hybrid Composites: Mechanical and Thermal Characteristics. <i>Journal of Polymers and the Environment</i> , 2021, 29, 2609-2627.	2.4	34
70	Green synthesis of thermally stable Ag-rGO-CNT nano composite with high sensing activity. <i>Composites Part B: Engineering</i> , 2016, 86, 27-35.	5.9	33
71	Induced dielectric behavior in high dense Al <sub>x</sub> La <sub>1-x</sub> TiO <sub>3</sub> (x=0.2-0.8) nanospheres. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 20253-20264.	1.1	33
72	Effect of alkali treatment on performance characterization of <i>Ziziphus mauritiana</i> fiber and its epoxy composites. <i>Journal of Industrial Textiles</i> , 2022, 51, 2444S-2466S.	1.1	33

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73	Tensile and Flexural Properties of Silica Nanoparticles Modified Unidirectional Kenaf and Hybrid Glass/Kenaf Epoxy Composites. <i>Polymers</i> , 2020, 12, 2733.	2.0	33
74	Mechanical and Thermal Properties of Chloris barbata flower fiber /Epoxy Composites: Effect of Alkali treatment and Fiber weight fraction. <i>Journal of Natural Fibers</i> , 2022, 19, 3453-3466.	1.7	33
75	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.	1.1	32
76	Detection of <i>Mycobacterium tuberculosis</i> lipoarabinomannan and CFP-10 (Rv3874) from urinary extracellular vesicles of tuberculosis patients by immuno-PCR. <i>Pathogens and Disease</i> , 2019, 77, .	0.8	32
77	Porous organic polymer composites as surging catalysts for visible-light-driven chemical transformations and pollutant degradation. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2019, 41, 100319.	5.6	32
78	DC electrical conductivity and liquefied petroleum gas sensing application of polythiophene/zinc oxide nanocomposite. <i>Materialia</i> , 2020, 9, 100599.	1.3	32
79	Thermally stable and highly sensitive ethene gas sensor based on polythiophene/zirconium oxide nanocomposites. <i>Materials Today Communications</i> , 2019, 20, 100574.	0.9	31
80	Synthesis, characterization and electrical conductivity measurement studies of poly-o-anisidine Sn(IV) phosphate [POASn(IV)P] nano-composite cation-exchange material. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2009, 158, 92-97.	1.7	30
81	Interaction of amphiphilic drug imipramine hydrochloride with gemini surfactants at different temperatures. <i>Journal of Molecular Liquids</i> , 2014, 194, 234-240.	2.3	30
82	Diagnosis of tuberculosis by nanoparticle-based immuno-PCR assay based on mycobacterial MPT64 and CFP-10 detection. <i>Nanomedicine</i> , 2020, 15, 2609-2624.	1.7	29
83	Ultra-sensitive, highly selective and completely reversible ammonia sensor based on polythiophene/SWCNT nanocomposite. <i>Materialia</i> , 2020, 10, 100704.	1.3	29
84	Electrical conductivity and alcohol sensing studies on polythiophene/tin oxide nanocomposites. <i>Journal of Science: Advanced Materials and Devices</i> , 2020, 5, 84-94.	1.5	29
85	Design and Preparation of a New and Novel Nanocomposite with CNTs and Its Sensor Applications. <i>Journal of Materials Research and Technology</i> , 2019, 8, 2238-2246.	2.6	28
86	Apigenin, A Plant Flavone Playing Noble Roles in Cancer Prevention Via Modulation of Key Cell Signaling Networks. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2020, 14, 298-311.	0.8	28
87	Preparation and characterization of new hybrid polymer composites from Phoenix pusilla fibers/ E-glass /carbon fabrics on potential engineering applications: Effect of stacking sequence. <i>Polymer Composites</i> , 2020, 41, 4572-4582.	2.3	28
88	Physico-Chemical Properties of Fiber Extracted from the Flower of <i>Celosia Argentea</i> Plant. <i>Journal of Natural Fibers</i> , 2021, 18, 464-473.	1.7	28
89	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.	2.3	27
90	Preparation of unsaturated polyester Ce(IV) phosphate by plastic waste bottles and its application for removal of Malachite green dye from water samples. <i>Arabian Journal of Chemistry</i> , 2013, 6, 361-368.	2.3	26

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91	Influence of Chemical Treatment on the Physico-mechanical Characteristics of Natural Fibers Extracted from the Barks of <i>Vachellia Farnesiana</i> . <i>Journal of Natural Fibers</i> , 2022, 19, 5065-5075.	1.7	26
92	Effect of TiO <sub>2</sub> nanoparticles on accelerated weathering of coir fiber filler and basalt fabric reinforced bio/synthetic epoxy hybrid composites: Physicomechanical and thermal characteristics. <i>Polymer Composites</i> , 2021, 42, 4897-4910.	2.3	26
93	Kinetics and Mechanistic Investigation of Decarboxylation for the Oxidation of Levofloxacin by Chloroamine-T in Acidic Medium. <i>Industrial &amp; Engineering Chemistry Research</i> , 2012, 51, 4819-4824.	1.8	25
94	Enhancing catalytic performance via structure core-shell metal-organic frameworks. <i>Journal of Catalysis</i> , 2019, 375, 371-379.	3.1	25
95	Molecular and enoinformatics perspectives of targeting Polo-like kinase 1 in cancer therapy. <i>Seminars in Cancer Biology</i> , 2019, 56, 47-55.	4.3	25
96	Socio-economic demands and challenges for non-invasive disease diagnosis through a portable breathalyzer by the incorporation of 2D nanosheets and SMO nanocomposites. <i>RSC Advances</i> , 2021, 11, 21216-21234.	1.7	25
97	Indian mallow fiber reinforced polyester composites: mechanical and thermal properties. <i>Journal of Materials Research and Technology</i> , 2021, 11, 274-284.	2.6	25
98	Synthesis and Characterization of Organic-Inorganic Nanocomposite Poly-o-anisidine Sn(IV) Arsenophosphate: Its Analytical Applications as Pb(II) Ion-Selective Membrane Electrode. <i>International Journal of Analytical Chemistry</i> , 2009, 2009, 1-10.	0.4	24
99	Preparation and characterization of electrically conducting polypyrrole Sn(IV) phosphate cation-exchanger and its application as Mn(II) ion selective membrane electrode. <i>Journal of Advanced Research</i> , 2011, 2, 341-349.	4.4	24
100	Interaction of the Amphiphilic Drug Amitriptyline Hydrochloride with Gemini and Conventional Surfactants: A Physicochemical Approach. <i>Journal of Solution Chemistry</i> , 2013, 42, 1532-1544.	0.6	24
101	Cu-Cu <sub>2</sub> O@graphene nanoplatelets nanocomposites: Facile synthesis, characterization, and electrical conductivity properties. <i>Materials Chemistry and Physics</i> , 2018, 213, 168-176.	2.0	24
102	Nanoparticles Addition in Coir-Basalt-Ennegra Fibers Reinforced Bio-synthetic Epoxy Composites. <i>Journal of Polymers and the Environment</i> , 2021, 29, 3561-3573.	2.4	24
103	Investigation of Micellar and Phase Separation Phenomenon of the Amphiphilic Drug Amitriptyline Hydrochloride with Cationic Hydrotropes. <i>Journal of Solution Chemistry</i> , 2013, 42, 390-411.	0.6	23
104	Photocatalytic Study of a Xanthene Dye Derivative, Phloxine B in Aqueous Suspension of TiO <sub>2</sub> : Adsorption Isotherm and Decolourization Kinetics. <i>Energy and Environment Focus</i> , 2013, 2, 208-216.	0.3	23
105	Turmeric/polyvinyl alcohol Th(IV) phosphate electrospun fibers: Synthesis, characterization and antimicrobial studies. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016, 68, 407-414.	2.7	23
106	Influence of Different Additives on the Interaction of Quinolone Antibiotic Drug with Surfactant: Conductivity and Cloud Point Measurement Study. <i>Journal of Surfactants and Detergents</i> , 2020, 23, 457-470.	1.0	23
107	Microwave-assisted synthesis of micro/nano Nd <sub>2</sub> O <sub>3</sub> powders. <i>Journal of Materials Research and Technology</i> , 2020, 9, 10478-10490.	2.6	23
108	Sol-gel combustion synthesis and photocatalytic dye degradation studies of rare earth element Ce substituted Mn-Zn ferrite nanoparticles. <i>Journal of Materials Research and Technology</i> , 2022, 18, 5280-5289.	2.6	23



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109	Amphiphilic antidepressant drug amitriptyline hydrochloride under the influence of ionic and nonionic hydrotropes; micellization and phase separation. <i>Journal of Industrial and Engineering Chemistry</i> , 2013, 19, 1774-1780.	2.9	22
110	Mixed micellization of gemini surfactant with nonionic surfactant in aqueous media: a fluorometric study. <i>Colloid Journal</i> , 2013, 75, 235-240.	0.5	22
111	In vitro studies of carbon fiber microbiosensor for dopamine neurotransmitter supported by copper-graphene oxide composite. <i>Mikrochimica Acta</i> , 2014, 181, 1049-1057.	2.5	22
112	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.	2.3	22
113	Preparation and Characterization of hybrid graphene oxide composite and its application in paracetamol microbiosensor. <i>Polymer Composites</i> , 2015, 36, 221-228.	2.3	22
114	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.	1.8	22
115	A New Trend on Biosensor for Neurotransmitter Choline/Acetylcholine—An Overview. <i>Applied Biochemistry and Biotechnology</i> , 2013, 169, 1927-1939.	1.4	21
116	Electrical switching behaviour of a metalloporphyrin in Langmuir-Blodgett film. <i>Organic Electronics</i> , 2018, 55, 50-62.	1.4	21
117	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
118	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.	2.4	20
119	Hybrid Effect of PjFs/E-glass/Carbon Fabric Reinforced Hybrid Epoxy Composites for Structural Applications. <i>Journal of Natural Fibers</i> , 2022, 19, 3742-3752.	1.7	20
120	Microcrystalline Cellulose from Fruit Bunch Stalk of Date Palm: Isolation and Characterization. <i>Journal of Polymers and the Environment</i> , 2020, 28, 1766-1775.	2.4	20
121	Organic additives and pharmaceutical excipients as cloud point modifiers in amitriptyline hydrochloride solutions. <i>Journal of Molecular Liquids</i> , 2012, 172, 59-65.	2.3	19
122	Aggregation and phase separation behavior of an amphiphilic drug promazine hydrochloride under the influence of inorganic salts and ureas. <i>Thermochimica Acta</i> , 2013, 574, 26-37.	1.2	19
123	Generation of MoS <sub>2</sub> quantum dots by laser ablation of MoS <sub>2</sub> particles in suspension and their photocatalytic activity for H <sub>2</sub> generation. <i>Journal of Nanoparticle Research</i> , 2016, 18, 1.	0.8	19
124	Conjugated mesoporous polyazobenzene—Pd(II) composite: A potential catalyst for visible-light-induced Sonogashira coupling. <i>Journal of Catalysis</i> , 2019, 377, 183-189.	3.1	19
125	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.	0.9	19
126	Detection of mycobacterial CFP-10 (Rv3874) protein in tuberculosis patients by gold nanoparticle-based real-time immuno-PCR. <i>Future Microbiology</i> , 2020, 15, 601-612.	1.0	19



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127	Novel Aminosilane (APTES)-Grafted Polyaniline@Graphene Oxide (PANI-GO) Nanocomposite for Electrochemical Sensor. <i>Polymers</i> , 2021, 13, 2562.	2.0	19
128	Titanium Dioxide-Mediated Photocatalysed Degradation of Two Herbicide Derivatives Chloridazon and Metribuzin in Aqueous Suspensions. <i>International Journal of Chemical Engineering</i> , 2012, 2012, 1-8.	1.4	18
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.	2.3	18
130	Effect of MWCNT Surface Functionalisation and Distribution on Compressive Properties of Kenaf and Hybrid Kenaf/Glass Fibres Reinforced Polymer Composites. <i>Polymers</i> , 2020, 12, 2522.	2.0	18
131	Emerging role of long non-coding RNAs in cancer chemoresistance: unravelling the multifaceted role and prospective therapeutic targeting. <i>Molecular Biology Reports</i> , 2020, 47, 5569-5585.	1.0	18
132	Fabrication of Reproducible and Selective Ammonia Vapor Sensor-Pellet of Polypyrrole/Cerium Oxide Nanocomposite for Prompt Detection at Room Temperature. <i>Polymers</i> , 2021, 13, 1829.	2.0	18
133	Isolation and Production of Nanocrystalline Cellulose from Conocarpus Fiber. <i>Polymers</i> , 2021, 13, 1835.	2.0	18
134	Biogenic Synthesis of Selenium Nanoparticles with Edible Mushroom Extract: Evaluation of Cytotoxicity on Prostate Cancer Cell Lines and Their Antioxidant, and Antibacterial Activity. <i>Biointerface Research in Applied Chemistry</i> , 2020, 10, 6629-6639.	1.0	18
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