

# Inamuddin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7432037/publications.pdf>

Version: 2024-02-01

227  
papers

9,192  
citations

30047

54  
h-index

51562

86  
g-index

254  
all docs

254  
docs citations

254  
times ranked

8790  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent developments in phase change materials for energy storage applications: A review. <i>International Journal of Heat and Mass Transfer</i> , 2019, 129, 491-523.	2.5	939
2	Recent trends in the synthesis of graphene and graphene oxide based nanomaterials for removal of heavy metals – A review. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 66, 29-44.	2.9	299
3	Recent progress and remaining challenges in post-combustion CO <sub>2</sub> capture using metal-organic frameworks (MOFs). <i>Progress in Energy and Combustion Science</i> , 2020, 80, 100849.	15.8	235
4	Smartphone based bioanalytical and diagnosis applications: A review. <i>Biosensors and Bioelectronics</i> , 2018, 102, 136-149.	5.3	227
5	Metal-organic frameworks (MOFs)-based efficient heterogeneous photocatalysts: Synthesis, properties and its applications in photocatalytic hydrogen generation, CO <sub>2</sub> reduction and photodegradation of organic dyes. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 7656-7679.	3.8	214
6	Efficient Electron Transfer across a ZnO/MoS <sub>2</sub> -Reduced Graphene Oxide Heterojunction for Enhanced Sunlight-Driven Photocatalytic Hydrogen Evolution. <i>ChemSusChem</i> , 2017, 10, 3588-3603.	3.6	162
7	Nanostructured titanium oxide hybrids-based electrochemical biosensors for healthcare applications. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 178, 385-394.	2.5	156
8	Carbon nanotube-based adsorbents for the removal of dyes from waters: A review. <i>Environmental Chemistry Letters</i> , 2020, 18, 605-629.	8.3	152
9	One-step wet-chemical synthesis of ternary ZnO/CuO/Co <sub>3</sub> O <sub>4</sub> nanoparticles for sensitive and selective melamine sensor development. <i>New Journal of Chemistry</i> , 2019, 43, 4849-4858.	1.4	149
10	Nano-engineered Adsorbent for the Removal of Dyes from Water: A Review. <i>Current Analytical Chemistry</i> , 2020, 16, 14-40.	0.6	148
11	Carbon-based nanomaterials for remediation of organic and inorganic pollutants from wastewater. A review. <i>Environmental Chemistry Letters</i> , 2020, 18, 1169-1191.	8.3	145
12	Exploring the Reusability of Synthetically Contaminated Wastewater Containing Crystal Violet Dye using <i>Tectona grandis</i> Sawdust as a Very Low-Cost Adsorbent. <i>Scientific Reports</i> , 2018, 8, 8314.	1.6	140
13	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
14	Simultaneous nutrient removal and lipid production from pretreated piggery wastewater by <i>Chlorella vulgaris</i> YSW-04. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 2701-2710.	1.7	113
15	Nanostructured mixed transition metal oxides for high performance asymmetric supercapacitors: Facile synthetic strategy. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 12384-12395.	3.8	110
16	Multiwalled carbon nanotube-based nanosensor for ultrasensitive detection of uric acid, dopamine, and ascorbic acid. <i>Materials Science and Engineering C</i> , 2019, 99, 248-254.	3.8	109
17	Nanotechnology-based water quality management for wastewater treatment. <i>Environmental Chemistry Letters</i> , 2019, 17, 65-121.	8.3	105
18	Preparation, characterization and analytical applications of a new and novel electrically conducting fibrous type polymeric-inorganic composite material: polypyrrole Th(IV) phosphate used as a cation-exchanger and Pb(II) ion-selective membrane electrode. <i>Materials Research Bulletin</i> , 2005, 40, 289-305.	2.7	104

#	ARTICLE	IF	CITATIONS
19	ZnSe-WO <sub>3</sub> nano-hetero-assembly stacked on Gum ghatti for photo-degradative removal of Bisphenol A: Symbiose of adsorption and photocatalysis. <i>International Journal of Biological Macromolecules</i> , 2017, 104, 1172-1184.	3.6	101
20	Microwave assisted fabrication of La/Cu/Zr/carbon dots trimetallic nanocomposites with their adsorption vs photocatalytic efficiency for remediation of persistent organic pollutants. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 347, 235-243.	2.0	100
21	Nanostructured semiconducting materials for efficient hydrogen generation. <i>Environmental Chemistry Letters</i> , 2018, 16, 765-796.	8.3	97
22	Performance intensification of the polysulfone ultrafiltration membrane by blending with copolymer encompassing novel derivative of poly(styrene-co-maleic anhydride) for heavy metal removal from wastewater. <i>Chemical Engineering Journal</i> , 2018, 353, 425-435.	6.6	96
23	Removal of metal ions and humic acids through polyetherimide membrane with grafted bentonite clay. <i>Scientific Reports</i> , 2018, 8, 4665.	1.6	93
24	Factors influencing corrosion of metal pipes in soils. <i>Environmental Chemistry Letters</i> , 2018, 16, 861-879.	8.3	92
25	Synthesis, characterization and ion-exchange properties of a new and novel "organic-inorganic"™ hybrid cation-exchanger: Nylon-6,6, Zr(IV) phosphate. <i>Talanta</i> , 2007, 71, 841-847.	2.9	89
26	Use of cellulose acetate/polyphenylsulfone derivatives to fabricate ultrafiltration hollow fiber membranes for the removal of arsenic from drinking water. <i>International Journal of Biological Macromolecules</i> , 2019, 129, 715-727.	3.6	89
27	Synthesis, characterization and ion-exchange properties of a new and novel "organic-inorganic"™ hybrid cation-exchanger: Poly(methyl methacrylate) Zr(IV) phosphate. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007, 295, 193-199.	2.3	88
28	Determination and separation of Pb <sup>2+</sup> from aqueous solutions using a fibrous type organic-inorganic hybrid cation-exchange material: Polypyrrole thorium(IV) phosphate. <i>Reactive and Functional Polymers</i> , 2005, 63, 119-133.	2.0	87
29	Kinetics, isotherm and thermodynamic investigations for the adsorption of Co(II) ion onto crystal violet modified amberlite IR-120 resin. <i>Ionics</i> , 2015, 21, 1453-1459.	1.2	87
30	Graphene and its derivatives: synthesis, modifications, and applications in wastewater treatment. <i>Environmental Chemistry Letters</i> , 2018, 16, 1301-1323.	8.3	84
31	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
32	Novel Z-scheme binary zinc tungsten oxide/nickel ferrite nanohybrids for photocatalytic reduction of chromium (Cr (VI)), photoelectrochemical water splitting and degradation of toxic organic pollutants. <i>Journal of Hazardous Materials</i> , 2022, 423, 127044.	6.5	81
33	Fouling-resistant membranes for water reuse. <i>Environmental Chemistry Letters</i> , 2018, 16, 715-763.	8.3	80
34	Preparation, physico-chemical characterization, analytical applications and electrical conductivity measurement studies of an "organic-inorganic"™ composite cation-exchanger: Polyaniline Sn(IV) phosphate. <i>Reactive and Functional Polymers</i> , 2006, 66, 1649-1663.	2.0	76
35	Mimics of microstructures of Ni substituted Mn <sub>1-x</sub> Ni <sub>x</sub> Co <sub>2</sub> O <sub>4</sub> for high energy density asymmetric capacitors. <i>Chemical Engineering Journal</i> , 2017, 307, 300-310.	6.6	76
36	Applications of Hg(II) sensitive polyaniline Sn(IV) phosphate composite cation-exchange material in determination of Hg <sup>2+</sup> from aqueous solutions and in making ion-selective membrane electrode. <i>Sensors and Actuators B: Chemical</i> , 2006, 120, 10-18.	4.0	73

#	ARTICLE	IF	CITATIONS
37	Synthesis and characterization of a new inorganic cation-exchangerâ€™Zr(IV) tungstomolybdate: Analytical applications for metal content determination in real sample and synthetic mixture. <i>Journal of Hazardous Materials</i> , 2007, 142, 404-411.	6.5	72
38	Organicâ€™inorganic type composite cation exchanger poly-o-toluidine Zr(IV) tungstate: Preparation, physicochemical characterization and its analytical application in separation of heavy metals. <i>Chemical Engineering Journal</i> , 2011, 172, 369-375.	6.6	72
39	Synthesis of magnetic carbon nanocomposites by hydrothermal carbonization and pyrolysis. <i>Environmental Chemistry Letters</i> , 2018, 16, 821-844.	8.3	72
40	Catalyst design for maximizing C5+ yields during Fischer-Tropsch synthesis. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 3289-3301.	3.8	72
41	Membrane technology for water purification. <i>Environmental Chemistry Letters</i> , 2018, 16, 343-365.	8.3	71
42	Xanthan gum/titanium dioxide nanocomposite for photocatalytic degradation of methyl orange dye. <i>International Journal of Biological Macromolecules</i> , 2019, 121, 1046-1053.	3.6	71
43	CuO Quantum Dots Decorated TiO <sub>2</sub> Nanocomposite Photocatalyst for Stable Hydrogen Generation. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 568-577.	1.8	69
44	Photocatalytic Reforming of Biomass Derived Crude Glycerol in Water: A Sustainable Approach for Improved Hydrogen Generation Using Ni(OH) <sub>2</sub> Decorated TiO <sub>2</sub> Nanotubes under Solar Light Irradiation. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 3754-3764.	3.2	67
45	Nanohydroxyapatite Reinforced Chitosan Composite Hydrogel with Tunable Mechanical and Biological Properties for Cartilage Regeneration. <i>Scientific Reports</i> , 2019, 9, 15957.	1.6	65
46	Effect of cellulose nano fibers and nano clays on the mechanical, morphological, thermal and dynamic mechanical performance of kenaf/epoxy composites. <i>Carbohydrate Polymers</i> , 2020, 239, 116248.	5.1	65
47	Iron-based flow batteries to store renewable energies. <i>Environmental Chemistry Letters</i> , 2018, 16, 683-694.	8.3	61
48	Applications of chitosan (CHI)-reduced graphene oxide (rGO)-polyaniline (PANI) conducting composite electrode for energy generation in glucose biofuel cell. <i>Scientific Reports</i> , 2020, 10, 10428.	1.6	61
49	Removal of Pb(II) from aqueous solution using ethylene diamine tetra acetic acid-Zr(IV) iodate composite cation exchanger: Kinetics, isotherms and thermodynamic studies. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 25, 35-41.	2.9	60
50	Green synthesis of ZnO nanoparticles decorated on polyindole functionalized-MCNTs and used as anode material for enzymatic biofuel cell applications. <i>Scientific Reports</i> , 2020, 10, 5052.	1.6	60
51	Novel, one-step synthesis of zwitterionic polymer nanoparticles via distillation-precipitation polymerization and its application for dye removal membrane. <i>Scientific Reports</i> , 2017, 7, 15889.	1.6	59
52	Preparation and characterization of PANI@G/CWO nanocomposite for enhanced 2-nitrophenol sensing. <i>Applied Surface Science</i> , 2018, 433, 696-704.	3.1	59
53	Ag@MnxOy: an effective catalyst for photo-degradation of rhodamine B dye. <i>Environmental Chemistry Letters</i> , 2018, 16, 287-294.	8.3	58
54	Optimization of N doping in TiO <sub>2</sub> nanotubes for the enhanced solar light mediated photocatalytic H <sub>2</sub> production and dye degradation. <i>Environmental Pollution</i> , 2021, 269, 116170.	3.7	58

#	ARTICLE	IF	CITATIONS
55	Carbon nanotube- and graphene-based advanced membrane materials for desalination. <i>Environmental Chemistry Letters</i> , 2017, 15, 643-671.	8.3	54
56	Novel polyphenylsulfone (PPSU)/nano tin oxide (SnO <sub>2</sub> ) mixed matrix ultrafiltration hollow fiber membranes: Fabrication, characterization and toxic dyes removal from aqueous solutions. <i>Reactive and Functional Polymers</i> , 2019, 139, 170-180.	2.0	54
57	Adsorption thermodynamics of trichloroacetic acid herbicide on polypyrrole Th(IV) phosphate composite cation-exchanger. <i>Chemical Engineering Journal</i> , 2011, 169, 38-42.	6.6	50
58	Fabrication of polyetherimide nanocomposite membrane with amine functionalised halloysite nanotubes for effective removal of cationic dye effluents. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018, 93, 42-53.	2.7	48
59	Cerium dioxide and composites for the removal of toxic metal ions. <i>Environmental Chemistry Letters</i> , 2018, 16, 1233-1246.	8.3	47
60	Complexing agents for metal removal using ultrafiltration membranes: a review. <i>Environmental Chemistry Letters</i> , 2019, 17, 1195-1208.	8.3	45
61	Green Synthesis of Silver Nanoparticles and Evaluation of Their Antibacterial Activity against Multidrug-Resistant Bacteria and Wound Healing Efficacy Using a Murine Model. <i>Antibiotics</i> , 2020, 9, 902.	1.5	45
62	Synthesis and characterization of a thermally stable strongly acidic Cd(II) ion selective composite cation-exchanger: Polyaniline Ce(IV) molybdate. <i>Desalination</i> , 2010, 250, 515-522.	4.0	44
63	Determination of ion-exchange kinetic parameters for the poly-o-methoxyaniline Zr(IV) molybdate composite cation-exchanger. <i>Chemical Engineering Journal</i> , 2011, 166, 639-645.	6.6	44
64	Optimization of Glucose Powered Biofuel Cell Anode Developed by Polyaniline-Silver as Electron Transfer Enhancer and Ferritin as Biocompatible Redox Mediator. <i>Scientific Reports</i> , 2017, 7, 12703.	1.6	43
65	Functionalized magnetic nanoparticle-reduced graphene oxide nanocomposite for enzymatic biofuel cell applications. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 28294-28304.	3.8	43
66	Ternary graphene@polyaniline-TiO <sub>2</sub> composite for glucose biofuel cell anode application. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 22173-22180.	3.8	42
67	Synthesis and characterization of electrically conducting poly-o-methoxyaniline Zr(IV) molybdate Cd(II) selective composite cation-exchanger. <i>Desalination</i> , 2010, 250, 523-529.	4.0	41
68	Optimization of MnO <sub>2</sub> -Graphene/polythioaniline (MnO <sub>2</sub> -G/PTA) hybrid nanocomposite for the application of biofuel cell bioanode. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 15144-15154.	3.8	41
69	Kraton based ionic polymer metal composite (IPMC) actuator. <i>Sensors and Actuators A: Physical</i> , 2014, 216, 295-300.	2.0	40
70	Synthesis and characterization of a novel electron conducting biocomposite as biofuel cell anode. <i>International Journal of Biological Macromolecules</i> , 2018, 106, 755-762.	3.6	40
71	Antibiofouling hollow-fiber membranes for dye rejection by embedding chitosan and silver-loaded chitosan nanoparticles. <i>Environmental Chemistry Letters</i> , 2019, 17, 581-587.	8.3	40
72	Electrocatalytic Performance of Chemically Synthesized PIn-Au-SGO Composite toward Mediated Biofuel Cell Anode. <i>Scientific Reports</i> , 2017, 7, 13353.	1.6	39

#	ARTICLE	IF	CITATIONS
73	Forward ( $M^{2+} + H^+$ ) and reverse ( $H^+ + M^{2+}$ ) ion exchange kinetics of the heavy metals on polyaniline Ce(IV) molybdate: A simple practical approach for the determination of regeneration and separation capability of ion exchanger. <i>Chemical Engineering Journal</i> , 2011, 171, 456-463.	6.6	38
74	Thermal energy storage and thermal conductivity properties of fatty acid/fatty acid-grafted-CNTs and fatty acid/CNTs as novel composite phase change materials. <i>Scientific Reports</i> , 2020, 10, 15388.	1.6	37
75	Monodispersed core/shell nanospheres of ZnS/NiO with enhanced H <sub>2</sub> generation and quantum efficiency at versatile photocatalytic conditions. <i>Journal of Hazardous Materials</i> , 2021, 413, 125359.	6.5	36
76	A conducting polymer/ferritin anode for biofuel cell applications. <i>Electrochimica Acta</i> , 2009, 54, 3979-3983.	2.6	33
77	A review: Evolution of enzymatic biofuel cells. <i>Journal of Environmental Management</i> , 2021, 298, 113483.	3.8	31
78	Three dimensional numerical investigations for the effects of gas diffusion layer on PEM fuel cell performance. <i>Renewable Energy</i> , 2011, 36, 529-535.	4.3	30
79	Optimization of glassy carbon electrode based graphene/ferritin/glucose oxidase bioanode for biofuel cell applications. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 7417-7421.	3.8	30
80	Multifunctional Zn <sub>0.3</sub> Al <sub>0.4</sub> O <sub>4.5</sub> crystals: An efficient photocatalyst for formaldehyde degradation and EBT adsorption. <i>Arabian Journal of Chemistry</i> , 2020, 13, 8262-8270.	2.3	30
81	Thermal energy storage and thermal conductivity properties of Octadecanol-MWCNT composite PCMs as promising organic heat storage materials. <i>Scientific Reports</i> , 2020, 10, 9168.	1.6	29
82	Development of sulfonated poly(vinyl alcohol)/polypyrrole based ionic polymer metal composite (IPMC) actuator and its characterization. <i>Smart Materials and Structures</i> , 2015, 24, 095003.	1.8	28
83	One-pot biosynthesis of silver nanoparticle using <i>Colocasia esculenta</i> extract: Colorimetric detection of melamine in biological samples. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 391, 112310.	2.0	28
84	Organic-inorganic Composite Cation-exchanger: Poly-o-toluidine Zr(IV) Phosphate-based Ion-selective Membrane Electrode for the Potentiometric Determination of Mercury. <i>Analytical Sciences</i> , 2008, 24, 881-887.	0.8	27
85	Fabrication and characterization of electrochemically prepared bioanode (polyaniline/ferritin/glucose oxidase) for biofuel cell application. <i>Chemical Physics Letters</i> , 2018, 692, 277-284.	1.2	27
86	Preparation and characterization of a bioanode (GC/MnO <sub>2</sub> /PSS/Gph/Frt/GOx) for biofuel cell application. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 7308-7319.	3.8	27
87	Development of a ternary conducting composite (PPy/Au/CNT@Fe <sub>3</sub> O <sub>4</sub> ) immobilized FRT/GOD bioanode for glucose/oxygen biofuel cell applications. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 3259-3269.	3.8	27
88	Kraton based polymeric nanocomposite bioanode for the application in a biofuel cell. <i>Enzyme and Microbial Technology</i> , 2019, 127, 43-49.	1.6	26
89	Application of Electrically Conducting Nanocomposite Material Polythiophene@NiO/Frt/GOx as Anode for Enzymatic Biofuel Cells. <i>Materials</i> , 2020, 13, 1823.	1.3	26
90	Fe <sub>3</sub> O <sub>4</sub> @ $\beta$ -cyclodextrin@Chitosan Bionanocomposite for Arsenic Removal from Aqueous Solution. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2018, 28, 467-480.	1.9	25

#	ARTICLE	IF	CITATIONS
91	Development, Characterization and Electromechanical Actuation Behavior of Ionic Polymer Metal Composite Actuator based on Sulfonated Poly(1,4-phenylene ether-ether-sulfone)/Carbon Nanotubes. <i>Scientific Reports</i> , 2018, 8, 9909.	1.6	25
92	Electrochemical characterization and transport properties of polyvinyl chloride based carboxymethyl cellulose Ce(IV) molybdophosphate composite cation exchange membrane. <i>Journal of Industrial and Engineering Chemistry</i> , 2012, 18, 1391-1397.	2.9	24
93	PVC based polyvinyl alcohol zinc oxide composite membrane: Synthesis and electrochemical characterization for heavy metal ions. <i>Journal of Industrial and Engineering Chemistry</i> , 2013, 19, 1365-1370.	2.9	24
94	$\text{TiO}_2$ -MoO <sub>3</sub> -C composite as counter electrode for quantum dot sensitized solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2017, 161, 96-101.	3.0	24
95	Development of sulfonated poly(vinyl alcohol)/aluminium oxide/graphene based ionic polymer-metal composite (IPMC) actuator. <i>Sensors and Actuators A: Physical</i> , 2018, 280, 114-124.	2.0	24
96	Wastewater Treatment and Biomedical Applications of Montmorillonite Based Nanocomposites: A Review. <i>Current Analytical Chemistry</i> , 2021, 18, 269-287.	0.6	24
97	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
98	The adsorptive removal of Cr(VI) ions and antibacterial activity studies on hydrothermally synthesized iron oxide and zinc oxide nanocomposite. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018, 93, 342-349.	2.7	23
99	Improved desalination by polyamide membranes containing hydrophilic glutamine and glycine. <i>Environmental Chemistry Letters</i> , 2019, 17, 1053-1059.	8.3	23
100	Simultaneous detection of ethambutol and pyrazinamide with IL@CoFe <sub>2</sub> O <sub>4</sub> NPs@MWCNTs fabricated glassy carbon electrode. <i>Scientific Reports</i> , 2020, 10, 13563.	1.6	23
101	Electrical conductivity and ion-exchange kinetic studies of a crystalline type 'organic' inorganic' cation-exchange material: polypyrrole/polyantimonic acid composite system, (Sb <sub>2</sub> O <sub>5</sub> ) (â€“(C <sub>4</sub> H <sub>2</sub> NHâ€“)âˆ™nH <sub>2</sub> O. <i>Journal of Electroanalytical Chemistry</i> , 2004, 572, 67-78.	1.9	22
102	Optimization of Polyaniline Supported Ti(IV) Arsenophosphate Composite Cation Exchanger Based Ion-Selective Membrane Electrode for the Determination of Lead. <i>Industrial &amp; Engineering Chemistry Research</i> , 2014, 53, 19387-19391.	1.8	22
103	Polyvinylidene fluoride/sulfonated graphene oxide blend membrane coated with polypyrrole/platinum electrode for ionic polymer metal composite actuator applications. <i>Scientific Reports</i> , 2019, 9, 9877.	1.6	22
104	Electrochemical studies of biocatalytic anode of sulfonated graphene/ferritin/glucose oxidase layer-by-layer biocomposite films for mediated electron transfer. <i>Enzyme and Microbial Technology</i> , 2016, 87-88, 29-36.	1.6	21
105	Electrical switching behaviour of a metalloporphyrin in Langmuir-Blodgett film. <i>Organic Electronics</i> , 2018, 55, 50-62.	1.4	21
106	Development of l-glutamic acid biosensor with ternary ZnO/NiO/Al <sub>2</sub> O <sub>3</sub> nanoparticles. <i>Journal of Luminescence</i> , 2020, 227, 117528.	1.5	21
107	Synthesis and characterisation of poly(3,4-ethylenedioxythiophene)-poly(styrenesulfonate) (PEDOT:PSS) Zr(IV) monothiophosphate composite cation exchanger: analytical application in the selective separation of lead metal ions. <i>International Journal of Environmental Analytical Chemistry</i> , 2015, 95, 556-568.	1.8	20
108	Computational studies on the molecular insights of aptamer induced poly(N-isopropylacrylamide)-graft-graphene oxide for on/off- switchable whole-cell cancer diagnostics. <i>Scientific Reports</i> , 2019, 9, 7873.	1.6	20

#	ARTICLE	IF	CITATIONS
109	Optimization of rGO-PEI/Naph-SH/AgNWs/Frt/GOx nanocomposite anode for biofuel cell applications. <i>Scientific Reports</i> , 2020, 10, 8919.	1.6	20
110	Poly (3,4-ethylenedioxythiophene): polystyrene sulfonate (PEDOT:PSS) Zr(IV) phosphate composite cation exchanger : sol-gel synthesis and physicochemical characterization. <i>Ionics</i> , 2015, 21, 1063-1071.	1.2	19
111	Easy, operable ionic polymer metal composite actuator based on a platinum-coated sulfonated poly(vinyl alcohol)-polyaniline composite membrane. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	1.3	19
112	Soft actuator based on Kraton with GO/Ag/Pani composite electrodes for robotic applications. <i>Materials Research Express</i> , 2017, 4, 115701.	0.8	19
113	Bilayered ZnO/Nb <sub>2</sub> O <sub>5</sub> photoanode for dye sensitized solar cell. <i>International Journal of Modern Physics B</i> , 2018, 32, 1840046.	1.0	19
114	Layer-by-layer deposition of TiO <sub>2</sub> -ZrO <sub>2</sub> electrode sensitized with Pandan leaves: natural dye-sensitized solar cell. <i>Materials for Renewable and Sustainable Energy</i> , 2019, 8, 1.	1.5	19
115	Enhanced production of Î³-valerolactone from levulinic acid hydrogenation-cyclization over ZrxCe1-xO2 based Cu catalysts. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 26445-26457.	3.8	19
116	Kinetics of Cross-Linking Reaction of Epoxy Resin with Hydroxyapatite-Functionalized Layered Double Hydroxides. <i>Polymers</i> , 2020, 12, 1157.	2.0	19
117	Assessment of sulfonated homo and co-polyimides incorporated polysulfone ultrafiltration blend membranes for effective removal of heavy metals and proteins. <i>Scientific Reports</i> , 2020, 10, 7049.	1.6	19
118	Titanium dioxide nanotubes conjugated with quercetin function as an effective anticancer agent by inducing apoptosis in melanoma cells. <i>Journal of Nanostructure in Chemistry</i> , 2021, 11, 721-734.	5.3	19
119	Study and preparation of highly water-stable polyacrylonitrile-kraton-graphene composite membrane for bending actuator toward robotic application. <i>Journal of Intelligent Material Systems and Structures</i> , 2016, 27, 1534-1546.	1.4	18
120	Light induced DNA-functionalized TiO <sub>2</sub> nanocrystalline interface: Theoretical and experimental insights towards DNA damage detection. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 188, 159-176.	1.7	18
121	Design and development of non-perfluorinated ionic polymer metal composite-based flexible link manipulator for robotics assembly. <i>Polymer Composites</i> , 2019, 40, 2582-2593.	2.3	18
122	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
123	A mercury ion selective electrode based on poly-o-toluidine Zr(IV) tungstate composite membrane. <i>Journal of Electroanalytical Chemistry</i> , 2014, 713, 125-130.	1.9	17
124	Fabrication of a silver nano powder embedded kraton polymer actuator and its characterization. <i>RSC Advances</i> , 2015, 5, 91564-91573.	1.7	17
125	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.	2.7	17
126	Experimental and Computational Studies of a Laccase Immobilized ZnONPs/GO-Based Electrochemical Enzymatic Biosensor for the Detection of Sucralose in Food Samples. <i>Food Analytical Methods</i> , 2020, 13, 2014-2027.	1.3	17



#	ARTICLE	IF	CITATIONS
127	Recent development of aqueous zinc-ion battery cathodes and future challenges: Review. International Journal of Energy Research, 2022, 46, 13152-13177.	2.2	17
128	Nicotinic acid adsorption thermodynamics study on carboxymethyl cellulose Ce(IV) molybdophosphate composite cation-exchanger. Journal of Thermal Analysis and Calorimetry, 2013, 111, 831-838.	2.0	16
129	Fabrication of bioanode by using electrically conducting polythiophene via entrapment technique. Korean Journal of Chemical Engineering, 2016, 33, 120-125.	1.2	16
130	Electrospun polyaniline/polyvinyl alcohol/multiwalled carbon nanotubes nanofibers as promising bioanode material for biofuel cells. Journal of Electroanalytical Chemistry, 2017, 789, 181-187.	1.9	16
131	Biocompatible mediated bioanode prepared by using poly(3,4-ethylene dioxythiophene) poly(styrene) Tj ETQq1 1 0.784314 rgBT /Overlock	1.0	16
132	Preparation and Characterization of Gum Acacia/Ce(IV)MoPO <sub>4</sub> Nanocomposite Ion Exchanger for Photocatalytic Degradation of Methyl Violet Dye. Journal of Inorganic and Organometallic Polymers and Materials, 2019, 29, 1171-1183.	1.9	16
133	Improved separation of dyes and proteins using membranes made of polyphenylsulfone/cellulose acetate or acetate phthalate. Environmental Chemistry Letters, 2020, 18, 881-887.	8.3	16
134	Heavy metal ion-exchange kinetic studies over cellulose acetate Zr(IV) molybdophosphate composite cation-exchanger. Desalination and Water Treatment, 2015, 53, 1675-1682.	1.0	15
135	Thorium (IV) phosphate-polyaniline composite-based hydrophilic membranes for bending actuator application. Polymer Engineering and Science, 2017, 57, 258-267.	1.5	15
136	Novel ionic polymer-metal composite actuator based on sulfonated poly(1,4-phenylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td 25423-25435.	1.7	15
137	Recent Developments in the Synthesis, Characterization and Applications of Zirconium(IV) Based Composite Ion Exchangers. Journal of Inorganic and Organometallic Polymers and Materials, 2013, 23, 257-269.	1.9	14
138	Synthesis of single-walled carbon nanotubes cerium(IV) phosphate composite cation exchnager: Ion exchange studies and its application as ion-selective membrane electrode for determination of Cd(II) ions. Polymer Composites, 2017, 38, 1005-1013.	2.3	14
139	Efficient Vapor-Phase Selective Hydrogenolysis of Bio-Levulinic Acid to Valerolactone Using Cu Supported on Hydrotalcite Catalysts. Global Challenges, 2018, 2, 1800028.	1.8	14
140	Polythiophene-titanium oxide (PTH-TiO <sub>2</sub> ) nanocomposite: As an electron transfer enhancer for biofuel cell anode construction. Journal of Power Sources, 2022, 520, 230867.	4.0	14
141	Low-temperature solution-processed Zn-doped SnO <sub>2</sub> photoanodes: enhancements in charge collection efficiency and mobility. RSC Advances, 2014, 4, 20527-20530.	1.7	13
142	Poly(3,4-ethylenedioxythiophene);polystyrene sulfonate zirconium(IV) phosphate (PEDOT:PSS-ZrP) composite ionomeric membrane for artificial muscle applications. RSC Advances, 2015, 5, 84526-84534.	1.7	13
143	Room temperature preparation, electrical conductivity, and thermal behavior evaluation on silver nanoparticle embedded polyaniline tungstophosphate nanocomposite. Polymer Composites, 2016, 37, 2460-2466.	2.3	13
144	Oxygen enriched network-type carbon spheres for multipurpose water purification applications. Environmental Technology and Innovation, 2018, 12, 160-171.	3.0	13

#	ARTICLE	IF	CITATIONS
145	Platinum-coated silicotungstic acid-sulfonated polyvinyl alcohol-polyaniline based hybrid ionic polymer metal composite membrane for bending actuation applications. <i>Scientific Reports</i> , 2022, 12, 4467.	1.6	13
146	IFT and friccohesity study of formulation, wetting, dewetting of liquid systems using oscosurvismeter. <i>Journal of Molecular Liquids</i> , 2017, 244, 7-18.	2.3	12
147	Tuning the surface properties of Fe3O4 by zwitterionic sulfobetaine: application to antifouling and dye removal membrane. <i>International Journal of Environmental Science and Technology</i> , 2020, 17, 4047-4060.	1.8	12
148	Studies on the Preparation and Analytical Applications of Various Metal Ion-Selective Membrane Electrodes Based on Polymeric, Inorganic and Composite Materialsâ€™A Review. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2008, 45, 1084-1101.	1.2	11
149	Synthesis and characterisation of poly(3,4-ethylenedioxythiophene)-poly(styrenesulfonate) (PEDOT:PSS) Zr(IV) monothiophosphate composite cation exchanger: analytical application as lead ion selective membrane electrode. <i>International Journal of Environmental Analytical Chemistry</i> , 2015, 95, 312-323.	1.8	11
150	Selectivity and sensitivity enhanced green energy waste based indirect- $\hat{1}$ / <sub>4</sub> -solid phase extraction of carbaryl supported by DFT and molecular docking studies. <i>Journal of Molecular Liquids</i> , 2018, 257, 112-120.	2.3	11
151	Hydrothermally synthesized defective NiMoSe2 nanoplates decorated on the surface of functionalized SWCNTs doped polypyrrole scaffold for enzymatic biofuel cell applications. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 3240-3250.	3.8	11
152	Electrochemical Biosensor for the Detection of Amygdalin in Apple Seeds with a Hybrid of f-MWCNTs/CoFe2O4 Nanocomposite. <i>Current Analytical Chemistry</i> , 2020, 16, 660-668.	0.6	11
153	Fabrication and characterization of starch-cl-poly(lactic acid-g-acrylamide) nanohydrogel for adsorptive removal of Eriochrome Black-T from the aqueous medium. , 0, 116, 294-304.		11
154	Cation-exchange kinetics and electrical conductivity studies of an â€™organic-inorganicâ€™™ composite cation-exchanger: Polypyrrole Th(IV) phosphate. <i>Journal of Applied Polymer Science</i> , 2007, 105, 2806-2815.	1.3	10
155	Forward ion-exchange kinetics of heavy metal ions on the surface of carboxymethyl cellulose Sn(IV) phosphate composite nano-rod-like cation exchanger. <i>Journal of Thermal Analysis and Calorimetry</i> , 2012, 110, 715-723.	2.0	10
156	Surfactant assisted preparation and characterization of carboxymethyl cellulose Sn(IV) phosphate composite nano-rod like cation exchanger. <i>Journal of Thermal Analysis and Calorimetry</i> , 2012, 107, 127-134.	2.0	10
157	Inorganic Nanoparticles and Nanomaterials Based on Titanium (Ti): Applications in Medicine. <i>Materials Science Forum</i> , 0, 754, 21-87.	0.3	10
158	Organic-Inorganic Hybrid Materials and Their Applications. <i>Polymers and Polymeric Composites</i> , 2019, , 1135-1156.	0.6	10
159	Preparation, Physicochemical Characterization, and Microrobotics Applications of Polyvinyl Chloride- (PVC-) Based PANI/PEDOT: PSS/ZrP Composite Cation-Exchange Membrane. <i>Advances in Materials Science and Engineering</i> , 2019, 2019, 1-11.	1.0	10
160	Adsorption of Congo Red on Pb doped FexOy: experimental study and theoretical modeling via double-layer statistical physics models. <i>Water Science and Technology</i> , 2021, 83, 1714-1727.	1.2	10
161	Nitrogen-doped carbon spheres-decorated graphite felt as a high-performance electrode for Fe based redox flow batteries. <i>Diamond and Related Materials</i> , 2021, 116, 108413.	1.8	10
162	Adsorption of Cr(VI) on Ultrafine Al2O3-doped MnFe2O4 nanocomposite surface: Experimental and theoretical study using double-layer modeling. <i>Journal of Physics and Chemistry of Solids</i> , 2022, 163, 110544.	1.9	10

#	ARTICLE	IF	CITATIONS
163	Ion-selective potentiometric determination of Pb(II) ions using PVC-based carboxymethyl cellulose Sn(IV) phosphate composite membrane electrode. <i>Desalination and Water Treatment</i> , 2015, 56, 806-813.	1.0	9
164	Synthesis and Ion-Exchange Properties of Graphene Th(IV) Phosphate Composite Cation Exchanger: Its Applications in the Selective Separation of Lead Metal Ions. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 828.	1.2	9
165	Proteomic-genomic adjustments and their confluence for elucidation of pathways and networks during liver fibrosis. <i>International Journal of Biological Macromolecules</i> , 2018, 111, 379-392.	3.6	9
166	An in-silico layer-by-layer adsorption study of the interaction between Rebaudioside A and the T1R2 human sweet taste receptor: modelling and biosensing perspectives. <i>Scientific Reports</i> , 2020, 10, 18391.	1.6	9
167	ZnS Quantum Dots Decorated on One-Dimensional Scaffold of MWCNT/PANI Conducting Nanocomposite as an Anode for Enzymatic Biofuel Cell. <i>Polymers</i> , 2022, 14, 1321.	2.0	9
168	Evaluation of transport parameters for PVC based polyvinyl alcohol Ce(IV) phosphate composite membrane. <i>Materials Science and Engineering C</i> , 2013, 33, 2360-2366.	3.8	8
169	Synthesis, characterization, thermal behaviour and transport properties of polyvinyl chloride based zirconium phosphate composite membrane. <i>Journal of Environmental Chemical Engineering</i> , 2014, 2, 471-476.	3.3	8
170	Potentiometric determination of Cd(II) ions using PVC-based polyaniline Sn(IV) silicate composite cation-exchanger ion-selective membrane electrode. <i>Desalination and Water Treatment</i> , 2015, 55, 463-470.	1.0	8
171	Synthesis and physicochemical characterization of excellent thermally stable and mercury selective organic-inorganic composite cation exchanger polyvinyl alcohol thorium(IV) phosphate. <i>Desalination and Water Treatment</i> , 2016, 57, 13795-13806.	1.0	8
172	Spinel oxide incorporated photoanode for better power conversion efficiency in dye-sensitized solar cells. <i>Optik</i> , 2021, 247, 167976.	1.4	8
173	Synthesis, physico-chemical characterization, transport phenomena and antibacterial activity of polystyrene based barium phosphate composite membrane. <i>Journal of Industrial and Engineering Chemistry</i> , 2013, 19, 120-128.	2.9	7
174	Synthesis and characterization of graphene Th(IV) phosphate composite cation exchanger: analytical application as lead ion-selective membrane electrode. <i>Desalination and Water Treatment</i> , 2016, 57, 23893-23902.	1.0	7
175	Novel on-site residual screening of poly-diallyldimethylammonium chloride in treated potable water using gold nanoparticle based lovibond color filters. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 101, 159-166.	2.7	7
176	Hydrogen Energy Production from Advanced Reforming Processes and Emerging Approaches. <i>Chemical Engineering and Technology</i> , 2020, 43, 600-600.	0.9	7
177	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.	1.6	7
178	Statistical Physics Model of EBT Adsorption on Pb(II) doped Zinc Oxide Nanoparticles: Kinetics, Isotherm and Reuse Study. <i>International Journal of Environmental Analytical Chemistry</i> , 0, , 1-15.	1.8	7
179	Statistical modeling and interpretation of Sono-assisted adsorption mechanism of Crystal Violet dye on FeTiPbO Nanocomposite. <i>Journal of Molecular Liquids</i> , 2021, 340, 116878.	2.3	7
180	Adsorption of Congo Red dye on CuO nanoparticles synthesized by green method using <i>Nyctanthes arboræ-tristis</i> leaf extract: Experimental and theoretical study. <i>International Journal of Chemical Kinetics</i> , 2022, 54, 513-522.	1.0	7

#	ARTICLE	IF	CITATIONS
181	Fabrication and optimization of Cu(II) ion selective membrane electrode. Journal of Water Chemistry and Technology, 2017, 39, 220-227.	0.2	6
182	Montmorillonite clay nanocomposites for drug delivery. , 2018, , 633-648.		6
183	Effective adsorption of Fuchsine dye on FeZnOAC: kinetic, isotherm, double-layer modelling and reusability study. International Journal of Environmental Analytical Chemistry, 2023, 103, 3954-3970.	1.8	6
184	Experimental and statistical investigation of adsorption mechanism of toxic chromium on Al-Fe-Zn oxide nanocomposite and successful application on industrial wastewater. International Journal of Environmental Analytical Chemistry, 0, , 1-15.	1.8	6
185	Studies on facile synthesis of polyaniline/cadmium sulfide composites and their morphology. High Performance Polymers, 2014, 26, 660-665.	0.8	5
186	Electrochemical study of single wall carbon nanotubes/graphene/ferritin composite for biofuel cell applications. Russian Journal of Electrochemistry, 2016, 52, 245-250.	0.3	5
187	Zinc selective nano-hybrid cation exchanger carboxymethyl cellulose Zr(IV) tungstate: Sol-gel synthesis, physicochemical characterization, and analytical applications. Polymer Composites, 2017, 38, 2057-2066.	2.3	5
188	Multiwalled carbon nanotube-based nanocomposites for artificial bone grafting. , 2019, , 111-126.		5
189	Pervaporation dehydration of bio-fuel (n-butanol) by dry thermal treatment membrane. Materials Research Express, 2020, 7, 065001.	0.8	5
190	Green Solvents in Thin-Layer Chromatography. , 2012, , 331-361.		4
191	Nano-composite cation-exchanger polyvinyl alcohol Sn(IV) tungstate. Journal of Thermal Analysis and Calorimetry, 2012, 107, 119-126.	2.0	4
192	Modeling of neotame and fructose thermochemistry: Comparison with mono and divalent metal ions by Computational and experimental approach. Scientific Reports, 2019, 9, 18414.	1.6	4
193	A Selective Ratiometric Receptor 2-((E)-(3-(prop-1-en-2-yl)phenylimino)methyl)-4-nitrophenol for the Detection of Cu <sup>2+</sup> Ions Supported By DFT Studies. Journal of Fluorescence, 2021, 31, 625-634.	1.3	4
194	Sol-gel synthesis, physicochemical characterization, and analytical applications of copper selective composite cation exchanger: Polyvinyl alcohol Ce(IV) phosphate. Polymer Composites, 2017, 38, 332-340.	2.3	3
195	N <sup>+</sup> -(4-(diethylamino)-2-hydroxybenzylidene) isonicotinohydrazide based chemosensor for nanomolar detection of Ni(II) ion. International Journal of Environmental Analytical Chemistry, 0, , 1-17.	1.8	3
196	Double-layer modelling and physicochemical parameters interpretation for chromium adsorption on ZnMnOAC nanocomposite. Inorganic and Nano-Metal Chemistry, 2023, 53, 228-238.	0.9	3
197	Investigating the performance of functionalized and pristine graphene oxide impregnated Nexar <sup>®</sup> nanocomposite membranes for PEM fuel cell. Chemical Engineering Journal Advances, 2022, 11, 100346.	2.4	3
198	Investigation of transport properties of polyvinyl chloride based polyvinyl alcohol Sn(IV) tungstate composite membrane. Journal of Industrial and Engineering Chemistry, 2012, 18, 1813-1818.	2.9	2

#	ARTICLE	IF	CITATIONS
199	New features of non-linear time-dependent two-level atoms. Journal of the Taiwan Institute of Chemical Engineers, 2019, 105, 171-181.	2.7	2
200	A Mini Review on Surface-Enhanced Raman Scattering based Nanoclusters for Sensing and Imaging Applications. Current Analytical Chemistry, 2022, 18, 430-439.	0.6	2
201	A Concise Overview of Biofuel Cells. Materials Research Foundations, 2016, , 122-173.	0.2	2
202	An Overview of Preparation, Properties and Applications of Ionic Polymer Composite Actuators. Materials Research Foundations, 2016, , 326-386.	0.2	2
203	Gold nanoparticles decorated on reduced graphene oxide as a supporting material for enzymatic bioanode. Journal of Nanostructure in Chemistry, 2023, 13, 349-359.	5.3	2
204	Efficient Cr(VI) and phosphate removal from contaminated water using MnTiFeO nanoflakes: Statistical modeling and interpretation. Journal of Physics and Chemistry of Solids, 2022, 167, 110715.	1.9	2
205	Synthesis, surface characterization and electrochemical properties of PVC-based cerium(IV) sulphate ion exchange composite membrane. Ionics, 2015, 21, 1057-1062.	1.2	1
206	Electrochemical and transport properties of polystyrene - and polyvinyl chloride-based pyridine Th(IV) phosphate composite ion-exchange membranes: a comparative study. Desalination and Water Treatment, 2015, 56, 2296-2305.	1.0	1
207	Smart Nanodevices for Point-of-Care Applications. Current Analytical Chemistry, 2021, 17, .	0.6	1
208	Removal of Targeted Pharmaceuticals and Personal Care Products from Wastewater Treatment Plants using QSAR Model. Current Analytical Chemistry, 2021, 17, 1003-1015.	0.6	1
209	Lignin to Value-added Chemical Synthesis. Current Analytical Chemistry, 2021, 17, 936-946.	0.6	1
210	Ion selective membrane electrodes as sensors for detection of heavy metal ions. Materials Research Foundations, 2017, , 86-148.	0.2	1
211	Carbonaceous quantum dot composites for the application of electrochemical supercapacitors. Materials Research Foundations, 2018, , 123-154.	0.2	1
212	Open ended tube like hollow bio-carbon derived from banana fibre for removal of anionic and cationic dyes. , 0, 132, 298-306.		1
213	Green sonochemical synthesis of conducting polymer/RuO <sub>2</sub> composite granules as an efficient electrode for supercapacitor applications. Materials Research Foundations, 2018, , 44-58.	0.2	1
214	Fabrication and Characterization of Polysorbate/Ironmolybdophosphate Nanocomposite: Ion Exchange Properties and pH-responsive Drug Carrier System for Methylcobalamin. Current Analytical Chemistry, 2020, 16, 138-148.	0.6	1
215	Preparation and Properties of Novel Sulfonated Pentablock Copolymer (sPBC) Membrane for PEM Fuel Cell. Smart Innovation, Systems and Technologies, 2020, , 613-621.	0.5	1
216	Organic-Inorganic Hybrid Materials and Their Applications. Polymers and Polymeric Composites, 2019, , 1-22.	0.6	0

#	ARTICLE	IF	CITATIONS
217	Recent development and applications of sustainable biofuel cells – Editorial. International Journal of Hydrogen Energy, 2021, 46, 3033-3034.	3.8	0
218	Environmental Contamination, Toxicology, and Safety by Nanocatalysts. Current Analytical Chemistry, 2021, 17, 124-125.	0.6	0
219	High Energy Density Polyaniline/Exfoliated Graphite Based Supercapacitor with Improved Stability in Wide Voltage Window. Oriental Journal of Chemistry, 2021, 37, 450-458.	0.1	0
220	Toxic Pollutants in the Environment: Challenges in Analytical Chemistry - Volume I: Photo/Bio/Electrochemical Techniques in Analytical Chemistry and Photo/Bio/Electrochemical Techniques for Environmental Remediation. Current Analytical Chemistry, 2021, 17, 571-572.	0.6	0
221	Toxic Pollutants in the Environment: Challenges in Analytical Chemistry - Volume II: Sustainable Chemical Engineering Techniques for Environmental Remediation. Current Analytical Chemistry, 2021, 17, 730-730.	0.6	0
222	Toxic Pollutants in the Environment: Challenges in Analytical Chemistry - Volume III: Wastewater Treatment using Biomass. Current Analytical Chemistry, 2021, 17, 902-903.	0.6	0
223	Ion-exchange kinetics of alkaline metals on the surface of carboxymethyl cellulose Sn(IV) phosphate composite cation exchanger. Materials Research Foundations, 2017, , 34-39.	0.2	0
224	Removal of nitrogen containing compounds by adsorption: a review. Materials Research Foundations, 2017, , 40-83.	0.2	0
225	Ultrasonic Assisted Synthesis of 2D-Functionalized Grapheneoxide@PEDOT Composite Thin Films and its Application in Electrochemical Capacitors. Materials Research Foundations, 2018, , 93-106.	0.2	0
226	Chemical modification of raw Quercus leucotricophora wood strips and studies of its physicochemical properties and antifungal behavior. , 0, 150, 252-262.		0
227	Ion Exchange Techniques: Materials and Analytical Applications (Part: I). Current Analytical Chemistry, 2022, 18, 254-254.	0.6	0