

Mohammad R Ganjali

List of Publications by Year in descending order

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871
papers

30,875
citations

7568

77
h-index

27406

106
g-index

882
all docs

882
docs citations

882
times ranked

19280
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of polysaccharide biopolymers as natural adsorbent in sample preparation. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 2626-2653.	10.3	8
2	Facile and economic synthesis of heteroatoms co-doped graphene using garlic biomass as a highly stable electrocatalyst toward 4 e ⁻ ORR. <i>Journal of the Iranian Chemical Society</i> , 2022, 19, 257-267.	2.2	3
3	Enzyme Free Electrochemiluminescence Sensor of Histamine Based on Graphite-carbon Nitride Nanosheets. <i>Electroanalysis</i> , 2022, 34, 659-666.	2.9	5
4	Human Organs-on-a-Chips: A Review of the State-of-the-Art, Current Prospects, and Future Challenges. <i>Advanced Biology</i> , 2022, 6, e2000526.	2.5	21
5	Plasmonic Nanomaterials: An emerging avenue in biomedical and biomedical engineering opportunities. <i>Journal of Advanced Research</i> , 2022, 39, 61-71.	9.5	19
6	Hyperbranched polyethylenimine functionalized silica/polysulfone nanocomposite membranes for water purification. <i>Chemosphere</i> , 2022, 290, 133363.	8.2	43
7	Highly antifouling polymer-nanoparticle-nanoparticle/polymer hybrid membranes. <i>Science of the Total Environment</i> , 2022, 810, 152228.	8.0	41
8	Cure Kinetics of Samarium-Doped Fe ₃ O ₄ /Epoxy Nanocomposites. <i>Journal of Composites Science</i> , 2022, 6, 29.	3.0	7
9	A novel DNA/hemin complex with enzyme-like activity selected from a hairpin DNAs library at zero H ₂ O ₂ concentration. <i>Molecular Catalysis</i> , 2022, 519, 112156.	2.0	1
10	Cerium functionalized graphene nano-structures and their applications; A review. <i>Environmental Research</i> , 2022, 208, 112685.	7.5	36
11	Comparative study of various preparation methods of metal-free N and S Co-doped porous graphene as an ORR catalyst in alkaline solution. <i>Journal of Chemical Sciences</i> , 2022, 134, 1.	1.5	3
12	Cur-loaded magnetic ZnFe ₂ O ₄ @L-cysteine Ox, N-rich mesoporous -gC ₃ N ₄ nanocarriers as a targeted sonodynamic chemotherapeutic agent for enhanced tumor eradication. <i>Surfaces and Interfaces</i> , 2022, 30, 101900.	3.0	10
13	Multiplex Detection of Antibiotic Residues in Milk: Application of MCR-ALS on Excitation-Emission Matrix Fluorescence (EEMF) Data Sets. <i>Analytical Chemistry</i> , 2022, 94, 6206-6215.	6.5	12
14	Evaluation of electrodes composed of europium tungstate/reduced graphene oxide nanocomposite for use as supercapacitors. <i>Surfaces and Interfaces</i> , 2022, 31, 102002.	3.0	6
15	Nano-architectural design of TiO ₂ for high performance photocatalytic degradation of organic pollutant: A review. <i>Environmental Research</i> , 2022, 212, 113347.	7.5	39
16	Development of sandwich electrochemiluminescence immunosensor for COVID-19 diagnosis by SARS-CoV-2 spike protein detection based on Au@BSA-luminol nanocomposites. <i>Bioelectrochemistry</i> , 2022, 147, 108161.	4.6	15
17	Peroxidase Effect of Ce ₂ (WO ₄) ₃ Nanoparticles to Detection of Glucose as a Colorimetric Sensor. <i>ChemistrySelect</i> , 2022, 7, .	1.5	2
18	Extraction of Trace Quantities of Copper Using Novel Modified Magnetite Nanoparticles for Atomic Absorption Spectrometry Analysis. <i>Current Analytical Chemistry</i> , 2022, 18, 907-913.	1.2	1

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19	Turn-on electrochemiluminescence sensing of melatonin based on graphitic carbon nitride nanosheets. <i>Journal of Electroanalytical Chemistry</i> , 2022, 921, 116593.	3.8	9
20	Recent trends and advancements in electrochemiluminescence biosensors for human virus detection. <i>TrAC - Trends in Analytical Chemistry</i> , 2022, 157, 116727.	11.4	37
21	Synthesis of Cost-Effective Hierarchical MFI-Type Mesoporous Zeolite: Introducing Diatomite as Silica Source. <i>Silicon</i> , 2021, 13, 3461-3472.	3.3	12
22	Heterojunction of N/B/RGO and g-C ₃ N ₄ anchored magnetic ZnFe ₂ O ₄ @ZnO for promoting UV/Vis-induced photo-catalysis and in vitro toxicity studies. <i>Environmental Science and Pollution Research</i> , 2021, 28, 11430-11443.	5.3	25
23	Efficient removal of dyes and proteins by nitrogen-doped porous graphene blended polyethersulfone nanocomposite membranes. <i>Chemosphere</i> , 2021, 263, 127892.	8.2	58
24	Novel puffball-like MnO ₂ nanoparticles: preparation, Cu ²⁺ modification, and application in photocatalytic decolorization of dyes. <i>Journal of the Iranian Chemical Society</i> , 2021, 18, 29-36.	2.2	3
25	Rapid photodegradation and detection of zolpidem over β -SnWO ₄ and γ -SnWO ₄ nanoparticles: optimization and mechanism. <i>Environmental Science and Pollution Research</i> , 2021, 28, 5430-5442.	5.3	5
26	Electrochemical synthesis of three-dimensional flower-like Ni/Co-BTC bimetallic organic framework as heterogeneous catalyst for solvent-free and green synthesis of substituted chromeno[4,3- <i>b</i>]quinolones. <i>Journal of the Chinese Chemical Society</i> , 2021, 68, 620-629.	1.4	9
27	Controlled release of anticancer drug using o-phenylenediamine functionalized SBA-15 as a novel nanocarrier. <i>Chemical Papers</i> , 2021, 75, 1841-1850.	2.2	7
28	Spinel nano-ferrites for aqueous supercapacitors; linking abundant resources and low-cost processes for sustainable energy storage. <i>Journal of Energy Storage</i> , 2021, 33, 102097.	8.1	52
29	Fluorimetric detection of methylated DNA of Sept9 promoter by silver nanoclusters at intrastrand 6C-loop. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 247, 119081.	3.9	5
30	Magnetic nanoparticles in cancer therapy. , 2021, , 425-445.		1
31	New Water Oxidation Electrocatalyst Based on the Cobalt-Containing Polyoxometalate-Reduced Graphene Oxide Hybrid Nanomaterial. <i>Langmuir</i> , 2021, 37, 1925-1931.	3.5	11
32	UV and visible-assisted photocatalytic degradation of pharmaceutical pollutants in the presence of rational designed biogenic Fe ₃ O ₄ -Au nanocomposite. <i>Environmental Science and Pollution Research</i> , 2021, 28, 33344-33354.	5.3	7
33	Electrochemical Determination of Methamphetamine in Human Plasma on a Nanoceria Nanoparticle Decorated Reduced Graphene Oxide (rGO) Glassy Carbon Electrode (GCE). <i>Analytical Letters</i> , 2021, 54, 2509-2522.	1.8	20
34	A facile preparation of ZnFe ₂ O ₄ @CuO-N/B/RGO and ZnFe ₂ O ₄ @CuO@g-C ₃ N ₄ ternary heterojunction nanophotocatalyst: characterization, biocompatibility, photo-Fenton-like degradation of MO and magnetic properties. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 5457-5472.	2.2	22
35	Green Organic Films and Coatings: Developments and Future Challenges. <i>Mini-Reviews in Organic Chemistry</i> , 2021, 18, .	1.3	1
36	Atomic simulation of adsorption of SO ₂ pollutant by metal (Zn, Be)-oxide and Ni-decorated graphene: a first-principles study. <i>Journal of Molecular Modeling</i> , 2021, 27, 70.	1.8	11

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37	Electrocatalytic hydrogen evolution on the noble metal-free MoS ₂ /carbon nanotube heterostructure: a theoretical study. <i>Scientific Reports</i> , 2021, 11, 3958.	3.3	23
38	Nanostructured polyethersulfone nanocomposite membranes for dual protein and dye separation: Lower antifouling with lanthanum (III) vanadate nanosheets as a novel nanofiller. <i>Polymer Testing</i> , 2021, 94, 107040.	4.8	23
39	A novel nano-electrocatalyst based on LaCoFe ₂ O ₄ Graphene as a candidate cathode for metal-air batteries. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 8535-8544.	2.2	1
40	Colorimetric biosensor for phenylalanine detection based on a paper using gold nanoparticles for phenylketonuria diagnosis. <i>Microchemical Journal</i> , 2021, 163, 105909.	4.5	30
41	Preparation of a New Copper/Mercury-Based Amalgam Electrode with Minimal Mercury Content and Its Application for the Determination of Azathioprine in Biological Fluids. <i>ChemistrySelect</i> , 2021, 6, 4791-4796.	1.5	1
42	Direct voltammetric determination of carbendazim by utilizing a nanosized imprinted polymer/MWCNTs-modified electrode. <i>Journal of the Iranian Chemical Society</i> , 2021, 18, 3109-3118.	2.2	4
43	Fracture fingerprint of polycrystalline C ₃ N nanosheets: Theoretical basis. <i>Journal of Molecular Graphics and Modelling</i> , 2021, 106, 107899.	2.4	16
44	Detection of tartrazine in fake saffron containing products by a sensitive optical nanosensor. <i>Food Chemistry</i> , 2021, 350, 129197.	8.2	32
45	Determination of arsenic species using functionalized ionic liquid by in situ dispersive liquid-liquid microextraction followed by atomic absorption spectrometry. <i>Food Chemistry</i> , 2021, 349, 129115.	8.2	20
46	Bi Metal-Organic Framework (Ce/Ni-BTC) as Heterogeneous Catalyst for the Green Synthesis of Substituted Chromeno[4,3-b]quinolone under Solvent Free Condition. <i>Current Organic Synthesis</i> , 2021, 18, 475-482.	1.3	5
47	A low-voltage electro-membrane extraction for quantification of imatinib and sunitinib in biological fluids. <i>Bioanalysis</i> , 2021, 13, 1401-1413.	1.5	10
48	Adsorption of Cationic Dyes on a Magnetic 3D Spongin Scaffold with Nano-Sized Fe ₃ O ₄ Cores. <i>Marine Drugs</i> , 2021, 19, 512.	4.6	16
49	Superior degradation of organic pollutants and H ₂ O ₂ generation ability on environmentally-sound constructed Fe ₃ O ₄ -Cu nanocomposite. <i>Journal of Materials Research and Technology</i> , 2021, 14, 808-821.	5.8	17
50	Cur-loaded magnetic ZnFe ₂ O ₄ @mZnO-Ox-p-g-C ₃ N ₄ composites as dual pH- and ultrasound responsive nano-carriers for controlled and targeted cancer chemotherapy. <i>Materials Chemistry and Physics</i> , 2021, 271, 124863.	4.0	22
51	Novel mesoporous Co ₃ O ₄ -Sb ₂ O ₃ -SnO ₂ active material in high-performance capacitive deionization. <i>RSC Advances</i> , 2021, 12, 907-920.	3.6	7
52	A novel approach to design electrochemical aptamer-based biosensor for ultrasensitive detecting of zearalenone as a prevalent estrogenic mycotoxin. <i>Current Medicinal Chemistry</i> , 2021, 28, .	2.4	3
53	Etching of AuNPs Through Superoxide Radical Dismutation by Cu-Zn Superoxide Dismutase Resulted in Remarkable Changes of its Localized Surface Plasmon Resonance. <i>Iranian Journal of Biotechnology</i> , 2021, 19, e2741.	0.3	0
54	Synthesis, characterization and DNA binding studies of a new ibuprofen-platinum(II) complex. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, 38, 1119-1129.	3.5	11

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55	Polyvinyl alcohol-graphene oxide nanocomposites: evaluation of flame-retardancy, thermal and mechanical properties. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2020, 57, 17-24.	2.2	10
56	Fluorescent apta-nanobiosensors for fast and sensitive detection of digoxin in biological fluids using rQDs: Comparison of two approaches for immobilization of aptamer. <i>Sensors and Actuators B: Chemical</i> , 2020, 302, 127133.	7.8	34
57	Epoxy/Zn-Al-CO ₃ LDH nanocomposites: Curability assessment. <i>Progress in Organic Coatings</i> , 2020, 138, 105355.	3.9	19
58	Paper based colorimetric detection of miRNA-21 using Ag/Pt nanoclusters. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 227, 117529.	3.9	91
59	Removal of acid dyes from aqueous solutions using a new eco-friendly nanocomposite of CoFe ₂ O ₄ modified with Tragacanth gum. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48605.	2.6	18
60	CdTe quantum dots prepared using herbal species and microorganisms and their anti-cancer, drug delivery and antibacterial applications; a review. <i>Ceramics International</i> , 2020, 46, 9979-9989.	4.8	27
61	Tissue engineering with electrospun electro-responsive chitosan-aniline oligomer/polyvinyl alcohol. <i>International Journal of Biological Macromolecules</i> , 2020, 147, 160-169.	7.5	75
62	Facile electrochemical preparation of overoxidized polypyrrole/RGO composite for ds-DNA immobilization: a novel signal amplified sensing platform for electrochemical determination of chlorpheniramine. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2020, 28, 57-64.	2.0	4
63	Exploring curing potential of epoxy nanocomposites containing nitrate anion intercalated Mg-Al-LDH with Cure Index. <i>Progress in Organic Coatings</i> , 2020, 139, 105255.	3.9	10
64	A novel electrochemical sensor based on graphene nanosheets and ethyl 2-(4-ferrocenyl-[1,2,3]triazol-1-yl) acetate for electrocatalytic oxidation of cysteine and tyrosine. <i>Measurement: Journal of the International Measurement Confederation</i> , 2020, 152, 107302.	5.0	16
65	Study of photocatalytic and electrocatalytic activities of calcium tungstate nanoparticles synthesized via surfactant-supported hydrothermal method. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 20255-20269.	2.2	7
66	Anti-fouling and permeable polyvinyl chloride nanofiltration membranes embedded by hydrophilic graphene quantum dots for dye wastewater treatment. <i>Journal of Water Process Engineering</i> , 2020, 38, 101652.	5.6	47
67	A Sensitive Aptamer-Based Biosensor for Electrochemical Quantification of PSA as a Specific Diagnostic Marker of Prostate Cancer. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2020, 23, 243-258.	2.1	25
68	New Insights into H ₂ S Adsorption on Graphene and Graphene-Like Structures: A Comparative DFT Study. <i>Journal of Carbon Research</i> , 2020, 6, 74.	2.7	11
69	Fluorescent Turn-on Aptasensor of Staphylococcus aureus Based on the FRET Between Green Carbon Quantum Dot and Gold Nanoparticle. <i>Food Analytical Methods</i> , 2020, 13, 2070-2079.	2.6	50
70	Erbium (III) molybdate as a new nanofiller for fabrication of antifouling polyethersulfone membranes. <i>Materials Today Communications</i> , 2020, 25, 101379.	1.9	12
71	Effect of Nickel Doping on the Cure Kinetics of Epoxy/Fe ₃ O ₄ Nanocomposites. <i>Journal of Composites Science</i> , 2020, 4, 102.	3.0	3
72	Thermal Analysis of Crosslinking Reactions in Epoxy Nanocomposites Containing Polyvinyl Chloride (PVC)-Functionalized Nickel-Doped Nano-Fe ₃ O ₄ . <i>Journal of Composites Science</i> , 2020, 4, 107.	3.0	2

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73	High-Performance Voltammetric Aptasensing Platform for Ultrasensitive Detection of Bisphenol A as an Environmental Pollutant. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 574846.	4.1	24
74	Bulk-Surface Modification of Nanoparticles for Developing Highly-Crosslinked Polymer Nanocomposites. <i>Polymers</i> , 2020, 12, 1820.	4.5	9
75	A Comparative Study on Cure Kinetics of Layered Double Hydroxide (LDH)/Epoxy Nanocomposites. <i>Journal of Composites Science</i> , 2020, 4, 111.	3.0	13
76	A highly sensitive fluorescent immunosensor for sensitive detection of nuclear matrix protein 22 as biomarker for early stage diagnosis of bladder cancer. <i>RSC Advances</i> , 2020, 10, 28865-28871.	3.6	10
77	Voltammetric Determination of Carbofuran Pesticide in Biological and Environmental Samples using a Molecularly Imprinted Polymer Sensor, a Multivariate Optimization. <i>Journal of Analytical Chemistry</i> , 2020, 75, 669-678.	0.9	20
78	Kinetics of Cross-Linking Reaction of Epoxy Resin with Hydroxyapatite-Functionalized Layered Double Hydroxides. <i>Polymers</i> , 2020, 12, 1157.	4.5	19
79	Zeolite in tissue engineering: Opportunities and challenges. <i>MedComm</i> , 2020, 1, 5-34.	7.2	51
80	Europium oxide nanorod-reduced graphene oxide nanocomposites towards supercapacitors. <i>RSC Advances</i> , 2020, 10, 17543-17551.	3.6	20
81	An Ultrasensitive ECL Sensor Based on Conducting Polymer/Electrochemically Reduced Graphene Oxide for Non-Enzymatic Detection in Biological Samples. <i>ChemistrySelect</i> , 2020, 5, 5330-5336.	1.5	17
82	Removal of Chromate and Nitrate Ions from Aqueous Solutions by Co ₃ Fe ₃ O ₄ @silica Hybrid Nanoparticles Decorated with Cross-Linked Tragacanth Gum: Experiment, Modeling and Optimization. <i>ChemistrySelect</i> , 2020, 5, 5404-5413.	1.5	6
83	Ploxamer: A versatile tri-block copolymer for biomedical applications. <i>Acta Biomaterialia</i> , 2020, 110, 37-67.	8.3	188
84	Paper-based chemiluminescence and colorimetric detection of cytochrome c by cobalt hydroxide decorated mesoporous carbon. <i>Microchemical Journal</i> , 2020, 157, 104991.	4.5	24
85	Extraction and pre-concentration of ketamine by using a three-dimensional spongin-based scaffold of the <i>Haliclona</i> sp. marine demosponge origin. <i>Applied Physics A: Materials Science and Processing</i> , 2020, 126, 1.	2.3	6
86	Nonisothermal Cure Kinetics of Epoxy/Polyvinylpyrrolidone Functionalized Superparamagnetic Nano-Fe ₃ O ₄ Composites: Effect of Zn and Mn Doping. <i>Journal of Composites Science</i> , 2020, 4, 55.	3.0	13
87	Tuning CoFe and NiFe spinel oxide compositions by a fast glycine-nitrate autocombustion for oxygen evolution electrocatalysts and implications from their cyclic voltammograms on the role of Fe. <i>Materials Chemistry and Physics</i> , 2020, 253, 123339.	4.0	12
88	Super-crosslinked ionic liquid-intercalated montmorillonite/epoxy nanocomposites: Cure kinetics, viscoelastic behavior and thermal degradation mechanism. <i>Polymer Engineering and Science</i> , 2020, 60, 1940-1957.	3.1	37
89	Gadolinium (III) Tungstate Nanoparticles Modified Carbon Paste Electrode for Determination of Progesterone Using FFT Square-Wave Voltammetry Method. <i>Journal of the Electrochemical Society</i> , 2020, 167, 067513.	2.9	9
90	Zeolites for theranostic applications. <i>Journal of Materials Chemistry B</i> , 2020, 8, 5992-6012.	5.8	45

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91	A sensitive signal-on electrochemiluminescence sensor based on a nanocomposite of polypyrrole-Gd ₂ O ₃ for the determination of L-cysteine in biological fluids. <i>Mikrochimica Acta</i> , 2020, 187, 398.	5.0	16
92	From microporous to mesoporous mineral frameworks: An alliance between zeolite and chitosan. <i>Carbohydrate Research</i> , 2020, 489, 107930.	2.3	55
93	A new bio-compatible Cd ²⁺ -selective nanostructured fluorescent imprinted polymer for cadmium ion sensing in aqueous media and its application in bio imaging in Vero cells. <i>RSC Advances</i> , 2020, 10, 4110-4117.	3.6	11
94	Novel bi-functional electrocatalysts based on the electrochemical synthesized bimetallicmetal organic frameworks: Towards high energy advanced reversible zinc-air batteries. <i>Journal of Power Sources</i> , 2020, 451, 227768.	7.8	68
95	Zeolites in drug delivery: Progress, challenges and opportunities. <i>Drug Discovery Today</i> , 2020, 25, 642-656.	6.4	113
96	hsa-miR-766-5p as a new regulator of mitochondrial apoptosis pathway for discriminating of cell death from cardiac differentiation. <i>Gene</i> , 2020, 736, 144448.	2.2	7
97	A modified sensitive carbon paste electrode for 5-fluorouracil based using a composite of praseodymium erbium tungstate. <i>Microchemical Journal</i> , 2020, 154, 104654.	4.5	15
98	A label-free luminescent light switching system for miRNA detection based on two color quantum dots. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 391, 112351.	3.9	10
99	Synthesis and characterization of Sm ₂ (MoO ₄) ₃ , Sm ₂ (MoO ₄) ₃ /GO and Sm ₂ (MoO ₄) ₃ /C ₃ N ₄ nanostructures for improved photocatalytic performance and their anti-cancer the MCF-7 cells. <i>Polyhedron</i> , 2020, 180, 114424.	2.2	24
100	Hydrogel membranes: A review. <i>Materials Science and Engineering C</i> , 2020, 114, 111023.	7.3	117
101	High lithium anodic performance of reduced Sn particles on Co metal-organic frameworks for lithium-ion batteries with a long-cycle life. <i>Composites Part B: Engineering</i> , 2020, 193, 108008.	12.0	50
102	Effect of Surface Treatment of Halloysite Nanotubes (HNTs) on the Kinetics of Epoxy Resin Cure with Amines. <i>Polymers</i> , 2020, 12, 930.	4.5	32
103	A novel dual-mode and label-free aptasensor based methodology for breast cancer tissue marker targeting. <i>Sensors and Actuators B: Chemical</i> , 2020, 315, 128084.	7.8	19
104	<p>An Electrochemical Aptasensor Platform Based on Flower-Like Gold Microstructure-Modified Screen-Printed Carbon Electrode for Detection of Serpin A12 as a Type 2 Diabetes Biomarker</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 2219-2230.	6.7	31
105	A Fluorescent g-C ₃ N ₄ Nanosensor for Detection of Dichromate Ions. <i>Current Analytical Chemistry</i> , 2020, 16, 593-601.	1.2	5
106	Saccharide-capped Superparamagnetic Copper Cations-doped Magnetite Nanoparticles for Biomedical Applications: A Novel and Simple Synthesis Procedure, In-situ Surface Engineering and Characterization. <i>Current Nanoscience</i> , 2020, 16, 770-778.	1.2	2
107	Sensitive Nonenzymatic Electrochemiluminescence Determination of Hydrogen Peroxide in Dental Products using a Polypyrrole/Polyluminol/Titanium Dioxide Nanocomposite. <i>Analytical Letters</i> , 2019, 52, 633-648.	1.8	18
108	A luminescence nanosensor for Ornidazole detection using graphene quantum dots entrapped in silica molecular imprinted polymer. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 206, 430-436.	3.9	42

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109	Curing epoxy with electrochemically synthesized Mn Fe ₃ -O ₄ magnetic nanoparticles. Progress in Organic Coatings, 2019, 136, 105199.	3.9	13
110	In silico design and in vitro characterization of a recombinant antigen for specific recognition of NMP22. International Journal of Biological Macromolecules, 2019, 140, 69-77.	7.5	2
111	Curing epoxy with polyvinylpyrrolidone (PVP) surface-functionalized Mn Fe ₃ -O ₄ magnetic nanoparticles. Progress in Organic Coatings, 2019, 136, 105247.	3.9	19
112	Electrochemical deposition of layer-by-layer Ni/RGO/Ni(OH) ₂ composite on steel gauze electrode for high-performance supercapacitor application. Journal of Materials Science: Materials in Electronics, 2019, 30, 16184-16194.	2.2	3
113	A carbon nanotubes/graphite paste electrode impregnated with stavudine-imprinted polymer as a stavudine selective sensor. Ionics, 2019, 25, 6071-6081.	2.4	7
114	EDTA-grafted Cu ²⁺ -doped superparamagnetic nanoparticles: facile novel synthesis and their structural and magnetic characterizations. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	2.3	2
115	Curing epoxy with electrochemically synthesized Ni Fe ₃ -O ₄ magnetic nanoparticles. Progress in Organic Coatings, 2019, 136, 105198.	3.9	27
116	Curing epoxy with polyvinylpyrrolidone (PVP) surface-functionalized Zn Fe ₃ -O ₄ magnetic nanoparticles. Progress in Organic Coatings, 2019, 136, 105227.	3.9	25
117	Cure Index for labeling curing potential of epoxy/LDH nanocomposites: A case study on nitrate anion intercalated Ni-Al-LDH. Progress in Organic Coatings, 2019, 136, 105228.	3.9	43
118	Electrochemical Sensor Based on Carbon Nanotubes Decorated with ZnFe ₂ O ₄ Nanoparticles Incorporated Carbon Paste Electrode for Determination of Metoclopramide and Indomethacin. ChemistrySelect, 2019, 4, 7616-7626.	1.5	12
119	Preparation of a sepiolite/Cu-BDC nanocomposite and its application as an adsorbent in respirator cartridges for H ₂ S removal. New Journal of Chemistry, 2019, 43, 11575-11584.	2.8	20
120	Unconditionally blue: Curing epoxy with polyethylene glycol (PEG) surface-functionalized Zn Fe ₃ -O ₄ magnetic nanoparticles. Progress in Organic Coatings, 2019, 137, 105285.	3.9	11
121	Preparation and Characterization of Magnetic Fe ₃ O ₄ /CdWO ₄ and Fe ₃ O ₄ /CdWO ₄ /PrVO ₄ Nanoparticles and Investigation of Their Photocatalytic and Anticancer Properties on PANC1 Cells. Materials, 2019, 12, 3274.	2.9	53
122	Electrochemical determination of the antipsychotic medication clozapine by a carbon paste electrode modified with a nanostructure prepared from titania nanoparticles and copper oxide. Mikrochimica Acta, 2019, 186, 698.	5.0	36
123	Simple synthesis and characterization of Li _{0.5} Fe _{2.5} O ₄ , LiMg _{0.5} Fe ₂ O ₄ and LiNi _{0.5} Fe ₂ O ₄ , and investigation of their photocatalytic and anticancer properties on hela cells line. Journal of Materials Science: Materials in Electronics, 2019, 30, 19691-19702.	2.2	54
124	New Colorimetric DNA Sensor for Detection of <i>Campylobacter jejuni</i> in Milk Sample Based on Peroxidase-Like Activity of Gold/Platinum Nanocluster. ChemistrySelect, 2019, 4, 11687-11692.	1.5	20
125	Curing epoxy with electrochemically synthesized Zn Fe ₃ -O ₄ magnetic nanoparticles. Progress in Organic Coatings, 2019, 136, 105246.	3.9	22
126	Development of Mg-Zn-Al-CO ₃ ternary LDH and its curability in epoxy/amine system. Progress in Organic Coatings, 2019, 136, 105264.	3.9	34

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127	Curing epoxy with polyvinyl chloride (PVC) surface-functionalized $\text{CoFe}_3\text{-xO}_4$ nanoparticles. <i>Progress in Organic Coatings</i> , 2019, 137, 105364.	3.9	9
128	Highly selective extraction and voltammetric determination of the opioid drug buprenorphine via a carbon paste electrode impregnated with nano-sized molecularly imprinted polymer. <i>Mikrochimica Acta</i> , 2019, 186, 654.	5.0	12
129	A nanocomposite prepared from reduced graphene oxide, gold nanoparticles and poly(2-amino-5-mercapto-1,3,4-thiadiazole) for use in an electrochemical sensor for doxorubicin. <i>Mikrochimica Acta</i> , 2019, 186, 641.	5.0	37
130	Curing epoxy with ethylenediaminetetraacetic acid (EDTA) surface-functionalized $\text{Co Fe}_3\text{-O}_4$ magnetic nanoparticles. <i>Progress in Organic Coatings</i> , 2019, 136, 105248.	3.9	14
131	Sensing by wireless reading Ag/AgCl redox conversion on RFID tag: universal, battery-less biosensor design. <i>Scientific Reports</i> , 2019, 9, 12948.	3.3	25
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774	Sub-Second Accumulation and Stripping for Pico-Level Monitoring of Amikacin Sulphate by Fast Fourier Transform Cyclic Voltammetry at a Gold Microelectrode in Flow-Injection Systems. <i>Mikrochimica Acta</i> , 2005, 152, 123-129.	5.0	77

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776	Fourier transform cyclic voltammetric technique for monitoring ultratrace amounts of salbutamol at gold ultra microelectrode in flowing solutions. <i>Talanta</i> , 2005, 66, 1225-1233.	5.5	111
777	Novel Method for the Fast Separation and Purification of Molybdenum(VI) from Fission Products of Uranium with Aminofunctionalized Mesoporous Molecular Sieves (AMMS) Modified by Dicyclohexylâ€18â€Crownâ€6 and Sâ€N Tetradentate Schiff's Base. <i>Analytical Letters</i> , 2005, 38, 1813-1821.	1.8	16
778	PVC Membrane and Coated Graphite Potentiometric Sensors Based on Dibenzoâ€21â€Crownâ€7 for Selective Determination of Rubidium Ions. <i>Analytical Letters</i> , 2005, 38, 573-588.	1.8	16
779	Highly Selective PVCâ€Based Membrane Electrode Based on 2,6â€Diphenylpyrylium Fluoroborate. <i>Journal of the Chinese Chemical Society</i> , 2004, 51, 309-314.	1.4	13
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781	Octadecyl Silica Membrane Disks Modified with a New Schiff's Base for the Preconcentration of Lead and Copper before Their Determination in Water Samples. <i>Annali Di Chimica</i> , 2004, 94, 447-456.	0.6	12
782	Ruthenium(III) Schiff's Base Complex as Novel Chloride Selective Membrane Sensor. <i>Electroanalysis</i> , 2004, 16, 922-927.	2.9	30
783	Novel Bromide PVC-Based Membrane Sensor Based on Iron(III)-Salen. <i>Electroanalysis</i> , 2004, 16, 910-914.	2.9	19
784	Novel Potentiometric PVC-Membrane and Coated Graphite Sensors for Lanthanum(III). <i>Electroanalysis</i> , 2004, 16, 1002-1008.	2.9	75
785	A Novel Sulfate Polymeric Membrane Sensor Based on a New Bis-Pyrylium Derivative. <i>Electroanalysis</i> , 2004, 16, 1009-1013.	2.9	15
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788	Development of a new fluorimetric bulk optode membrane based on 2,5-thiophenylbis(5-tert-butyl-1,3-benzoxazole) for nickel(II) ions. <i>Analytica Chimica Acta</i> , 2004, 501, 55-60.	5.4	71
789	Novel Imidazole PVCâ€Based Membrane Sensor Based on 4â€Methylâ€2,6â€diphenylthiopyrylium. <i>Analytical Letters</i> , 2004, 37, 179-190.	1.8	8
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799	Study of colored anodized aluminum with calcon in sulfuric acidic solution using cyclic voltammetry and impedance measurement methods. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2003, 54, 235-242.	1.5	2
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806	Novel Potentiometric Strontium Membrane Sensor Based on Dibenzo-30-crown-10. <i>Analytical Letters</i> , 2003, 36, 2123-2137.	1.8	20
807	Gliclazide as novel carrier in construction of PVC-based La(III)-selective membrane sensor. <i>Talanta</i> , 2003, 59, 613-619.	5.5	73
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843	Highly selective and sensitive copper(II) membrane coated graphite electrode based on a recently synthesized Schiff's base. <i>Analytica Chimica Acta</i> , 2001, 440, 81-87.	5.4	88
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