

# Mohammad R Ganjali

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

865  
papers

22,299  
citations

64  
h-index

89  
g-index

882  
ext. papers

24,771  
ext. citations

4.1  
avg, IF

7.49  
L-index

#	Paper	IF	Citations
865	Cure Kinetics of Samarium-Doped Fe <sub>3</sub> O <sub>4</sub> /Epoxy Nanocomposites. <i>Journal of Composites Science</i> , <b>2022</b> , 6, 29	3	0
864	A novel DNA/hemin complex with enzyme-like activity selected from a hairpin DNAs library at zero H <sub>2</sub> O <sub>2</sub> concentration. <i>Molecular Catalysis</i> , <b>2022</b> , 519, 112156	3.3	
863	Cerium functionalized graphene nano-structures and their applications; A review.. <i>Environmental Research</i> , <b>2022</b> , 208, 112685	7.9	5
862	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> , <b>2022</b> , 134, 1	1.8	0
861	Cur-loaded magnetic ZnFe <sub>2</sub> O <sub>4</sub> @L-cysteine $\square$ Dx, N-rich mesoporous -gC <sub>3</sub> N <sub>4</sub> nanocarriers as a targeted sonodynamic chemotherapeutic agent for enhanced tumor eradication. <i>Surfaces and Interfaces</i> , <b>2022</b> , 101900	4.1	1
860	Evaluation of electrodes composed of europium tungstate/reduced graphene oxide nanocomposite for use as supercapacitors. <i>Surfaces and Interfaces</i> , <b>2022</b> , 102002	4.1	1
859	Nano-architectural design of TiO <sub>2</sub> for high performance photocatalytic degradation of organic pollutant: A review.. <i>Environmental Research</i> , <b>2022</b> , 212, 113347	7.9	2
858	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> , <b>2022</b> , 108161	5.6	1
857	Novel mesoporous CoO-SbO-SnO active material in high-performance capacitive deionization.. <i>RSC Advances</i> , <b>2021</b> , 12, 907-920	3.7	1
856	Human Organs-on-Chips: A Review of the State-of-the-Art, Current Prospects, and Future Challenges. <i>Advanced Biology</i> , <b>2021</b> , 6, e2000526		1
855	Plasmonic Nanomaterials $\square$ An emerging avenue in biomedical and biomedical engineering opportunities. <i>Journal of Advanced Research</i> , <b>2021</b> ,	13	4
854	Hyperbranched polyethylenimine functionalized silica/polysulfone nanocomposite membranes for water purification.. <i>Chemosphere</i> , <b>2021</b> , 290, 133363	8.4	10
853	Highly antifouling polymer-nanoparticle-nanoparticle/polymer hybrid membranes. <i>Science of the Total Environment</i> , <b>2021</b> , 810, 152228	10.2	6
852	A novel nano-electrocatalyst based on LaCoFe <sub>2</sub> O <sub>4</sub> @Graphene as a candidate cathode for metal-air batteries. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2021</b> , 32, 8535-8544	2.1	1
851	Colorimetric biosensor for phenylalanine detection based on a paper using gold nanoparticles for phenylketonuria diagnosis. <i>Microchemical Journal</i> , <b>2021</b> , 163, 105909	4.8	5
850	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> , <b>2021</b> , 6, 4791-4796	1.8	1
849	Direct voltammetric determination of carbendazim by utilizing a nanosized imprinted polymer/MWCNTs-modified electrode. <i>Journal of the Iranian Chemical Society</i> , <b>2021</b> , 18, 3109	2	1

848	Fracture fingerprint of polycrystalline CN nanosheets: Theoretical basis. <i>Journal of Molecular Graphics and Modelling</i> , <b>2021</b> , 106, 107899	2.8	10
847	Detection of tartrazine in fake saffron containing products by a sensitive optical nanosensor. <i>Food Chemistry</i> , <b>2021</b> , 350, 129197	8.5	11
846	Determination of arsenic species using functionalized ionic liquid by in situ dispersive liquid-liquid microextraction followed by atomic absorption spectrometry. <i>Food Chemistry</i> , <b>2021</b> , 349, 129115	8.5	9
845	Heterojunction of N/B/RGO and g-CN anchored magnetic ZnFeO@ZnO for promoting UV/Vis-induced photo-catalysis and in vitro toxicity studies. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 11430-11443	5.1	8
844	Efficient removal of dyes and proteins by nitrogen-doped porous graphene blended polyethersulfone nanocomposite membranes. <i>Chemosphere</i> , <b>2021</b> , 263, 127892	8.4	27
843	Novel puffball MnO <sub>2</sub> nanoparticles: preparation, Cu <sup>2+</sup> modification, and application in photocatalytic decolorization of dyes. <i>Journal of the Iranian Chemical Society</i> , <b>2021</b> , 18, 29-36	2	2
842	Rapid photodegradation and detection of zolpidem over Bi <sub>2</sub> SnWO and Bi <sub>2</sub> SnWO nanoparticles: optimization and mechanism. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 5430-5442	5.1	2
841	Electrochemical synthesis of three-dimensional flower-like Ni/CoBTC bimetallic organic framework as heterogeneous catalyst for solvent-free and green synthesis of substituted chromeno[4,3b]quinolones. <i>Journal of the Chinese Chemical Society</i> , <b>2021</b> , 68, 620-629	1.5	2
840	Controlled release of anticancer drug using o-phenylenediamine functionalized SBA-15 as a novel nanocarrier. <i>Chemical Papers</i> , <b>2021</b> , 75, 1841-1850	1.9	3
839	Spinel nano-ferrites for aqueous supercapacitors; linking abundant resources and low-cost processes for sustainable energy storage. <i>Journal of Energy Storage</i> , <b>2021</b> , 33, 102097	7.8	16
838	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> , <b>2021</b> , 247, 119081	4.4	3
837	Magnetic nanoparticles in cancer therapy <b>2021</b> , 425-445		0
836	New Water Oxidation Electrocatalyst Based on the Cobalt-Containing Polyoxometalate-Reduced Graphene Oxide Hybrid Nanomaterial. <i>Langmuir</i> , <b>2021</b> , 37, 1925-1931	4	4
835	UV and visible-assisted photocatalytic degradation of pharmaceutical pollutants in the presence of rational designed biogenic FeO-Au nanocomposite. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 33344	5.1	3
834	Electrochemical Determination of Methamphetamine in Human Plasma on a Nanoceria Nanoparticle Decorated Reduced Graphene Oxide (rGO) Glassy Carbon Electrode (GCE). <i>Analytical Letters</i> , <b>2021</b> , 54, 2509-2522	2.2	4
833	A facile preparation of ZnFe <sub>2</sub> O <sub>4</sub> @CuO-N/B/RGO and ZnFe <sub>2</sub> O <sub>4</sub> @CuO@Ni <sub>3</sub> N <sub>4</sub> ternary heterojunction nanophotocatalyst: characterization, biocompatibility, photo-Fenton-like degradation of MO and magnetic properties. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2021</b> , 32, 5457-5472	2.1	5
832	Atomic simulation of adsorption of SO pollutant by metal (Zn, Be)-oxide and Ni-decorated graphene: a first-principles study. <i>Journal of Molecular Modeling</i> , <b>2021</b> , 27, 70	2	5
831	Electrocatalytic hydrogen evolution on the noble metal-free MoS <sub>2</sub> /carbon nanotube heterostructure: a theoretical study. <i>Scientific Reports</i> , <b>2021</b> , 11, 3958	4.9	6

830	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> , <b>2021</b> , 94, 107040	4.5	9
829	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> , <b>2021</b> , 18, 475-482	1.9	1
828	A low-voltage electro-membrane extraction for quantification of imatinib and sunitinib in biological fluids. <i>Bioanalysis</i> , <b>2021</b> , 13, 1401-1413	2.1	3
827	Adsorption of Cationic Dyes on a Magnetic 3D Spongin Scaffold with Nano-Sized FeO Cores. <i>Marine Drugs</i> , <b>2021</b> , 19,	6	3
826	Application of polysaccharide biopolymers as natural adsorbent in sample preparation. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2021</b> , 1-28	11.5	2
825	Superior degradation of organic pollutants and H <sub>2</sub> O <sub>2</sub> generation ability on environmentally-sound constructed Fe <sub>3</sub> O <sub>4</sub> -Cu nanocomposite. <i>Journal of Materials Research and Technology</i> , <b>2021</b> , 14, 808-821	5.5	6
824	Cur-loaded magnetic ZnFe <sub>2</sub> O <sub>4</sub> @mZnO-Ox-p-g-C <sub>3</sub> N <sub>4</sub> composites as dual pH- and ultrasound responsive nano-carriers for controlled and targeted cancer chemotherapy. <i>Materials Chemistry and Physics</i> , <b>2021</b> , 271, 124863	4.4	6
823	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> , <b>2021</b> , 19, e2741	1	
822	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> , <b>2020</b> , 75, 669-678	1.1	10
821	Kinetics of Cross-Linking Reaction of Epoxy Resin with Hydroxyapatite-Functionalized Layered Double Hydroxides. <i>Polymers</i> , <b>2020</b> , 12,	4.5	12
820	Zeolite in tissue engineering: Opportunities and challenges. <i>MedComm</i> , <b>2020</b> , 1, 5-34	2.2	26
819	Europium oxide nanorod-reduced graphene oxide nanocomposites towards supercapacitors.. <i>RSC Advances</i> , <b>2020</b> , 10, 17543-17551	3.7	7
818	An Ultrasensitive ECL Sensor Based on Conducting Polymer/Electrochemically Reduced Graphene Oxide for Non-Enzymatic Detection in Biological Samples. <i>ChemistrySelect</i> , <b>2020</b> , 5, 5330-5336	1.8	10
817	Removal of Chromate and Nitrate Ions from Aqueous Solutions by CoxFe <sub>3</sub> -xO <sub>4</sub> @silica Hybrid Nanoparticles Decorated with Cross-Linked Tragacanth Gum: Experiment, Modeling and Optimization. <i>ChemistrySelect</i> , <b>2020</b> , 5, 5404-5413	1.8	4
816	Ploxamer: A versatile tri-block copolymer for biomedical applications. <i>Acta Biomaterialia</i> , <b>2020</b> , 110, 37-67	10.8	79
815	Paper-based chemiluminescence and colorimetric detection of cytochrome c by cobalt hydroxide decorated mesoporous carbon. <i>Microchemical Journal</i> , <b>2020</b> , 157, 104991	4.8	12
814	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> , <b>2020</b> , 126, 1	2.6	5
813	Nonisothermal Cure Kinetics of Epoxy/Polyvinylpyrrolidone Functionalized Superparamagnetic Nano-Fe <sub>3</sub> O <sub>4</sub> Composites: Effect of Zn and Mn Doping. <i>Journal of Composites Science</i> , <b>2020</b> , 4, 55	3	9

812	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> , <b>2020</b> , 253, 123339	4.4	6
811	Super-crosslinked ionic liquid-intercalated montmorillonite/epoxy nanocomposites: Cure kinetics, viscoelastic behavior and thermal degradation mechanism. <i>Polymer Engineering and Science</i> , <b>2020</b> , 60, 1940-1957	2.3	20
810	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> , <b>2020</b> , 167, 067513	3.9	4
809	Zeolites for theranostic applications. <i>Journal of Materials Chemistry B</i> , <b>2020</b> , 8, 5992-6012	7.3	26
808	A sensitive signal-on electrochemiluminescence sensor based on a nanocomposite of polypyrrole-GdO for the determination of L-cysteine in biological fluids. <i>Mikrochimica Acta</i> , <b>2020</b> , 187, 398	5.8	7
807	From microporous to mesoporous mineral frameworks: An alliance between zeolite and chitosan. <i>Carbohydrate Research</i> , <b>2020</b> , 489, 107930	2.9	29
806	A new bio-compatible Cd-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> , <b>2020</b> , 10, 4110-4117	2.7	6
805	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> , <b>2020</b> , 451, 227768	8.9	32
804	Zeolites in drug delivery: Progress, challenges and opportunities. <i>Drug Discovery Today</i> , <b>2020</b> , 25, 642-658	6.8	62
803	hsa-miR-766-5p as a new regulator of mitochondrial apoptosis pathway for discriminating of cell death from cardiac differentiation. <i>Gene</i> , <b>2020</b> , 736, 144448	3.8	4
802	A modified sensitive carbon paste electrode for 5-fluorouracil based using a composite of praseodymium erbium tungstate. <i>Microchemical Journal</i> , <b>2020</b> , 154, 104654	4.8	5
801	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> , <b>2020</b> , 391, 112351	4.7	6
800	Synthesis and characterization of Sm <sub>2</sub> (MoO <sub>4</sub> ) <sub>3</sub> , Sm <sub>2</sub> (MoO <sub>4</sub> ) <sub>3</sub> /GO and Sm <sub>2</sub> (MoO <sub>4</sub> ) <sub>3</sub> /C <sub>3</sub> N <sub>4</sub> nanostructures for improved photocatalytic performance and their anti-cancer the MCF-7 cells. <i>Polyhedron</i> , <b>2020</b> , 180, 114424	2.7	16
799	Hydrogel membranes: A review. <i>Materials Science and Engineering C</i> , <b>2020</b> , 114, 111023	8.3	47
798	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> , <b>2020</b> , 193, 108008	10	26
797	Effect of Surface Treatment of Halloysite Nanotubes (HNTs) on the Kinetics of Epoxy Resin Cure with Amines. <i>Polymers</i> , <b>2020</b> , 12,	4.5	22
796	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> , <b>2020</b> , 16, 770-778	1.4	0
795	A Fluorescent g-C <sub>3</sub> N <sub>4</sub> Nanosensor for Detection of Dichromate Ions. <i>Current Analytical Chemistry</i> , <b>2020</b> , 16, 593-601	1.7	5

794	Epoxy/Zn-Al-CO <sub>3</sub> LDH nanocomposites: Curability assessment. <i>Progress in Organic Coatings</i> , <b>2020</b> , 138, 105355	4.8	15
793	Paper based colorimetric detection of miRNA-21 using Ag/Pt nanoclusters. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2020</b> , 227, 117529	4.4	41
792	Removal of acid dyes from aqueous solutions using a new eco-friendly nanocomposite of CoFe <sub>2</sub> O <sub>4</sub> modified with Tragacanth gum. <i>Journal of Applied Polymer Science</i> , <b>2020</b> , 137, 48605	2.9	5
791	CdTe quantum dots prepared using herbal species and microorganisms and their anti-cancer, drug delivery and antibacterial applications; a review. <i>Ceramics International</i> , <b>2020</b> , 46, 9979-9989	5.1	13
790	Tissue engineering with electrospun electro-responsive chitosan-aniline oligomer/polyvinyl alcohol. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 147, 160-169	7.9	40
789	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> , <b>2020</b> , 28, 57-64	3.9	1
788	Exploring curing potential of epoxy nanocomposites containing nitrate anion intercalated MgAl <sub>2</sub> LDH with Cure Index. <i>Progress in Organic Coatings</i> , <b>2020</b> , 139, 105255	4.8	8
787	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> , <b>2020</b> , 152, 107302	4.6	8
786	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> , <b>2020</b> , 31, 20255-20269	2.1	2
785	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> , <b>2020</b> , 38, 101652	6.7	23
784	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> , <b>2020</b> , 23, 243-258	3.8	13
783	New Insights into H <sub>2</sub> S Adsorption on Graphene and Graphene-Like Structures: A Comparative DFT Study. <i>Journal of Carbon Research</i> , <b>2020</b> , 6, 74	3.3	4
782	Fluorescent Turn-on Aptasensor of Staphylococcus aureus Based on the FRET Between Green Carbon Quantum Dot and Gold Nanoparticle. <i>Food Analytical Methods</i> , <b>2020</b> , 13, 2070-2079	3.4	18
781	Erbium (III) molybdate as a new nanofiller for fabrication of antifouling polyethersulfone membranes. <i>Materials Today Communications</i> , <b>2020</b> , 25, 101379	2.5	7
780	Synthesis of Cost-Effective Hierarchical MFI-Type Mesoporous Zeolite: Introducing Diatomite as Silica Source. <i>Silicon</i> , <b>2020</b> , 13, 3461	2.4	4
779	Effect of Nickel Doping on the Cure Kinetics of Epoxy/Fe <sub>3</sub> O <sub>4</sub> Nanocomposites. <i>Journal of Composites Science</i> , <b>2020</b> , 4, 102	3	2
778	Thermal Analysis of Crosslinking Reactions in Epoxy Nanocomposites Containing Polyvinyl Chloride (PVC)-Functionalized Nickel-Doped Nano-Fe <sub>3</sub> O <sub>4</sub> . <i>Journal of Composites Science</i> , <b>2020</b> , 4, 107	3	2
777	High-Performance Voltammetric Aptasensing Platform for Ultrasensitive Detection of Bisphenol A as an Environmental Pollutant. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2020</b> , 8, 574846	5.8	9

776	Bulk-Surface Modification of Nanoparticles for Developing Highly-Crosslinked Polymer Nanocomposites. <i>Polymers</i> , <b>2020</b> , 12,	4.5	5
775	A Comparative Study on Cure Kinetics of Layered Double Hydroxide (LDH)/Epoxy Nanocomposites. <i>Journal of Composites Science</i> , <b>2020</b> , 4, 111	3	9
774	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> , <b>2020</b> , 10, 28865-28871	3.7	5
773	Synthesis, characterization and DNA binding studies of a new ibuprofen-platinum(II) complex. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2020</b> , 38, 1119-1129	3.6	6
772	Polyvinyl alcohol-graphene oxide nanocomposites: evaluation of flame-retardancy, thermal and mechanical properties. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , <b>2020</b> , 57, 17-24	2.2	8
771	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> , <b>2020</b> , 302, 127133	8.5	17
770	A novel dual-mode and label-free aptasensor based methodology for breast cancer tissue marker targeting. <i>Sensors and Actuators B: Chemical</i> , <b>2020</b> , 315, 128084	8.5	7
769	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. <i>International Journal of Nanomedicine</i> , <b>2020</b> , 15, 2219-2230	7.3	15
768	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> , <b>2019</b> , 186, 654	5.8	5
767	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> , <b>2019</b> , 186, 641	5.8	27
766	Curing epoxy with ethylenediaminetetraacetic acid (EDTA) surface-functionalized Co Fe <sub>3</sub> -O <sub>4</sub> magnetic nanoparticles. <i>Progress in Organic Coatings</i> , <b>2019</b> , 136, 105248	4.8	12
765	Sensing by wireless reading Ag/AgCl redox conversion on RFID tag: universal, battery-less biosensor design. <i>Scientific Reports</i> , <b>2019</b> , 9, 12948	4.9	16
764	Curing epoxy with electrochemically synthesized Gd Fe <sub>3</sub> -O <sub>4</sub> magnetic nanoparticles. <i>Progress in Organic Coatings</i> , <b>2019</b> , 136, 105245	4.8	25
763	Curing epoxy with polyvinylpyrrolidone (PVP) surface-functionalized NixFe <sub>3</sub> -xO <sub>4</sub> magnetic nanoparticles. <i>Progress in Organic Coatings</i> , <b>2019</b> , 136, 105259	4.8	14
762	Curing epoxy with polyethylene glycol (PEG) surface-functionalized NixFe <sub>3</sub> -xO <sub>4</sub> magnetic nanoparticles. <i>Progress in Organic Coatings</i> , <b>2019</b> , 136, 105250	4.8	18
761	Electrochemical synthesis of copper carbonates nanoparticles through experimental design and the subsequent thermal decomposition to copper oxide. <i>Materials Research Express</i> , <b>2019</b> , 6, 045065	1.7	10
760	Application of intercalating molecules in detection of methylated DNA in the presence of silver ions. <i>Methods and Applications in Fluorescence</i> , <b>2019</b> , 7, 035005	3.1	5
759	A selective chemiresistive sensor for the cancer-related volatile organic compound hexanal by using molecularly imprinted polymers and multiwalled carbon nanotubes. <i>Mikrochimica Acta</i> , <b>2019</b> , 186, 137	5.8	24

758	An enhancement of luminol chemiluminescence by cobalt hydroxide decorated porous graphene and its application in glucose analysis. <i>Analytical Methods</i> , <b>2019</b> , 11, 1346-1352	3.2	15
757	Novel colorimetric sensor based on peroxidase-like activity of chitosan-stabilized Au/Pt nanoclusters for trace lead. <i>Analytical Methods</i> , <b>2019</b> , 11, 684-690	3.2	19
756	Description of complementary actions of mineral and organic additives in thermoplastic polymer composites by Flame Retardancy Index. <i>Polymers for Advanced Technologies</i> , <b>2019</b> , 30, 2056-2066	3.2	27
755	Effect of Gd <sup>3+</sup> , Pr <sup>3+</sup> or Sm <sup>3+</sup> -substituted cobalt/zinc ferrite on photodegradation of methyl orange and cytotoxicity tests. <i>Journal of Rare Earths</i> , <b>2019</b> , 37, 1288-1295	3.7	44
754	Enhanced peroxidase-like activity of platinum nanoparticles decorated on nickel- and nitrogen-doped graphene nanotubes: colorimetric detection of glucose. <i>Mikrochimica Acta</i> , <b>2019</b> , 186, 385	5.8	23
753	Synthesis of Ni <sub>2</sub> O-Fe layered double hydroxide and Fe <sub>2</sub> O <sub>3</sub> /Graphene nanocomposites as actively materials for high electrochemical performance supercapacitors. <i>Electrochimica Acta</i> , <b>2019</b> , 317, 83-92	6.7	67
752	Enhanced electrochemiluminescence of Ru(bpy) <sub>3</sub> <sup>2+</sup> by Sm <sub>2</sub> O <sub>3</sub> nanoparticles decorated graphitic carbon nitride nano-sheets for pyridoxine analysis. <i>Inorganic Chemistry Communication</i> , <b>2019</b> , 106, 240-247	2.1	7
751	Study of the Corrosion Resistance Properties of Ni <sub>2</sub> P and Ni <sub>2</sub> P/C Nanocomposite Coatings in 3.5 wt % NaCl Solution. <i>Russian Journal of Electrochemistry</i> , <b>2019</b> , 55, 272-280	1.2	4
750	A nanocomposite consisting of reduced graphene oxide and electropolymerized $\beta$ -cyclodextrin for voltammetric sensing of levofloxacin. <i>Mikrochimica Acta</i> , <b>2019</b> , 186, 438	5.8	21
749	A Facile and Green Synthesis of 2,4,6-Triarylpyridine Derivatives Using the Modified Mesoporous Organic Polymer Based on Calix [4]Resorcinarene: As an Efficient and Reusable Heterogeneous Acidic Catalyst. <i>Kinetics and Catalysis</i> , <b>2019</b> , 60, 187-195	1.5	3
748	Low-voltage online stimulated microextraction of Glibenclamide from whole blood. <i>Microchemical Journal</i> , <b>2019</b> , 148, 759-766	4.8	3
747	Thermo-sensitive polymers in medicine: A review. <i>European Polymer Journal</i> , <b>2019</b> , 117, 402-423	5.2	136
746	Polyphenol-hydrogen peroxide reactions in skin: In vitro model relevant to study ROS reactions at inflammation. <i>Analytica Chimica Acta</i> , <b>2019</b> , 1075, 91-97	6.6	12
745	Layer-by-Layer Cathodic Deposition of Ni/Ni(OH) <sub>2</sub> Particles on Steel Gauze Electrode for High-Performance Supercapacitor Application. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2019</b> , 19, 7330-7338	1.3	1
744	An electrochemical sensor based on poly (l-Cysteine)@AuNPs @ reduced graphene oxide nanocomposite for determination of levofloxacin. <i>Microchemical Journal</i> , <b>2019</b> , 147, 198-206	4.8	38
743	Synthesis and Supercapacitor Application of Cerium Tungstate Nanostructure. <i>ChemistrySelect</i> , <b>2019</b> , 4, 2862-2867	1.8	9
742	Assessing the magnetic, cytotoxic and photocatalytic influence of incorporating Yb <sup>3+</sup> or Pr <sup>3+</sup> ions in cobalt/nickel ferrite. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2019</b> , 30, 6902-6909	2.1	71
741	Ultra-trace detection of methamphetamine in biological samples using FFT-square wave voltammetry and nano-sized imprinted polymer/MWCNTs -modified electrode. <i>Talanta</i> , <b>2019</b> , 200, 115-123	6.2	35



740	A graphitic carbon nitride (g-C <sub>3</sub> N <sub>4</sub> /Fe <sub>3</sub> O <sub>4</sub> ) nanocomposite: an efficient electrode material for the electrochemical determination of tramadol in human biological fluids. <i>Analytical Methods</i> , <b>2019</b> , 11, 2064-2071 <sup>31</sup>	2.3	31
739	A reactive and environmentally friendly protocol for expeditious synthesis of various resorcinarenes using zinc hydrogen sulfate. <i>Supramolecular Chemistry</i> , <b>2019</b> , 31, 377-381	1.8	0
738	Sol-gel preparation of metal and nonmetal-codoped TiO <sub>2</sub> /graphene nanophotocatalyst for photodegradation of MO under UV and visible-light irradiation. <i>Ionics</i> , <b>2019</b> , 25, 1869-1878	2.7	20
737	Toward Low-Cost and Sustainable Supercapacitor Electrode Processing: Simultaneous Carbon Grafting and Coating of Mixed-Valence Metal Oxides by Fast Annealing. <i>Frontiers in Chemistry</i> , <b>2019</b> , 7, 25	5	8
736	Sensitive Nonenzymatic Electrochemiluminescence Determination of Hydrogen Peroxide in Dental Products using a Polypyrrole/Polyluminol/Titanium Dioxide Nanocomposite. <i>Analytical Letters</i> , <b>2019</b> , 52, 633-648	2.2	9
735	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> , <b>2019</b> , 206, 430-436	4.4	27
734	Curing epoxy with electrochemically synthesized Mn <sub>x</sub> Fe <sub>3-x</sub> O <sub>4</sub> magnetic nanoparticles. <i>Progress in Organic Coatings</i> , <b>2019</b> , 136, 105199	4.8	11
733	In silico design and in vitro characterization of a recombinant antigen for specific recognition of NMP22. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 140, 69-77	7.9	1
732	Curing epoxy with polyvinylpyrrolidone (PVP) surface-functionalized Mn <sub>x</sub> Fe <sub>3-x</sub> O <sub>4</sub> magnetic nanoparticles. <i>Progress in Organic Coatings</i> , <b>2019</b> , 136, 105247	4.8	17
731	Electrochemical deposition of layer-by-layer Ni/RGO/Ni(OH) <sub>2</sub> composite on steel gauze electrode for high-performance supercapacitor application. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2019</b> , 30, 16184-16194	2.1	2
730	A carbon nanotubes/graphite paste electrode impregnated with stavudine-imprinted polymer as a stavudine selective sensor. <i>Ionics</i> , <b>2019</b> , 25, 6071-6081	2.7	3
729	EDTA-grafted Cu <sup>2+</sup> -doped superparamagnetic nanoparticles: facile novel synthesis and their structural and magnetic characterizations. <i>Applied Physics A: Materials Science and Processing</i> , <b>2019</b> , 125, 1	2.6	1
728	Curing epoxy with electrochemically synthesized Ni Fe <sub>3</sub> -O <sub>4</sub> magnetic nanoparticles. <i>Progress in Organic Coatings</i> , <b>2019</b> , 136, 105198	4.8	22
727	Curing epoxy with polyvinylpyrrolidone (PVP) surface-functionalized Zn Fe <sub>3</sub> -O <sub>4</sub> magnetic nanoparticles. <i>Progress in Organic Coatings</i> , <b>2019</b> , 136, 105227	4.8	23
726	Cure Index for labeling curing potential of epoxy/LDH nanocomposites: A case study on nitrate anion intercalated Ni-Al-LDH. <i>Progress in Organic Coatings</i> , <b>2019</b> , 136, 105228	4.8	35
725	Electrochemical Sensor Based on Carbon Nanotubes Decorated with ZnFe <sub>2</sub> O <sub>4</sub> Nanoparticles Incorporated Carbon Paste Electrode for Determination of Metoclopramide and Indomethacin. <i>ChemistrySelect</i> , <b>2019</b> , 4, 7616-7626	1.8	2
724	Preparation of a sepiolite/Cu-BDC nanocomposite and its application as an adsorbent in respirator cartridges for H <sub>2</sub> S removal. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 11575-11584	3.6	7
723	Unconditionally blue: Curing epoxy with polyethylene glycol (PEG) surface-functionalized Zn Fe <sub>3</sub> -O <sub>4</sub> magnetic nanoparticles. <i>Progress in Organic Coatings</i> , <b>2019</b> , 137, 105285	4.8	10

722	Preparation and Characterization of Magnetic FeO/CdWO and FeO/CdWO/PrVO Nanoparticles and Investigation of Their Photocatalytic and Anticancer Properties on PANC1 Cells. <i>Materials</i> , <b>2019</b> , 12,	3.5	41
721	Electrochemical determination of the antipsychotic medication clozapine by a carbon paste electrode modified with a nanostructure prepared from titania nanoparticles and copper oxide. <i>Mikrochimica Acta</i> , <b>2019</b> , 186, 698	5.8	25
720	Simple synthesis and characterization of Li <sub>0.5</sub> Fe <sub>2.5</sub> O <sub>4</sub> , LiMg <sub>0.5</sub> Fe <sub>2</sub> O <sub>4</sub> and LiNi <sub>0.5</sub> Fe <sub>2</sub> O <sub>4</sub> , and investigation of their photocatalytic and anticancer properties on hela cells line. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2019</b> , 30, 19691-19702	2.1	31
719	Application of Graphene Materials in Molecular Diagnostics <b>2019</b> , 535-560		
718	New Colorimetric DNA Sensor for Detection of Campylobacter jejuni in Milk Sample Based on Peroxidase-Like Activity of Gold/Platinum Nanocluster. <i>ChemistrySelect</i> , <b>2019</b> , 4, 11687-11692	1.8	10
717	Curing epoxy with electrochemically synthesized Zn Fe <sub>3</sub> -O <sub>4</sub> magnetic nanoparticles. <i>Progress in Organic Coatings</i> , <b>2019</b> , 136, 105246	4.8	19
716	Development of Mg-Zn-Al-CO <sub>3</sub> ternary LDH and its curability in epoxy/amine system. <i>Progress in Organic Coatings</i> , <b>2019</b> , 136, 105264	4.8	23
715	Curing epoxy with polyvinyl chloride (PVC) surface-functionalized Co <sub>x</sub> Fe <sub>3-x</sub> O <sub>4</sub> nanoparticles. <i>Progress in Organic Coatings</i> , <b>2019</b> , 137, 105364	4.8	8
714	Voltammetric Determination of Acetaminophen and Tryptophan Using a Graphite Screen Printed Electrode Modified with Functionalized Graphene Oxide Nanosheets Within a FeO@SiO <sub>2</sub> Nanocomposite. <i>Iranian Journal of Pharmaceutical Research</i> , <b>2019</b> , 18, 80-90	1.1	19
713	Zinc solubilization characteristics of efficient siderophore-producing soil bacteria. <i>Iranian Journal of Microbiology</i> , <b>2019</b> , 11, 419-430	0.9	9
712	Application of Advanced Electrochemical Methods with Nanomaterial-based Electrodes as Powerful Tools for Trace Analysis of Drugs and Toxic Compounds. <i>Current Analytical Chemistry</i> , <b>2019</b> , 15, 143-151	1.7	5
711	A New Nanostructure Square Wave Voltammetric Platform for Determination of Tert-butylhydroxyanisole in Food Samples. <i>Current Analytical Chemistry</i> , <b>2019</b> , 15, 172-176	1.7	5
710	Electroanalysis of Tricyclic Psychotropic Drugs using Modified Electrodes. <i>Current Analytical Chemistry</i> , <b>2019</b> , 15, 423-442	1.7	1
709	Electroanalysis of Catecholamine Drugs using Graphene Modified Electrodes. <i>Current Analytical Chemistry</i> , <b>2019</b> , 15, 443-466	1.7	4
708	A Colorimetric Sensor for Dopamine Detection Based on Peroxidase-like Activity of Ce <sub>2</sub> (MoO <sub>4</sub> ) <sub>3</sub> Nanoplates. <i>Current Pharmaceutical Analysis</i> , <b>2019</b> , 15, 224-230	0.6	3
707	Voltammetric Sensors Based on Various Nanomaterials for the Determination of Sulfonamides. <i>Current Analytical Chemistry</i> , <b>2019</b> , 15, 124-130	1.7	2
706	Tris (2-aminoethyl) Amine Functionalized Nanoporous Silica SBA-15 as a Potential Drug Carrier for Citalopram. <i>International Journal of Basic Science in Medicine</i> , <b>2019</b> , 4, 155-162	0.1	
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704	Curing epoxy with electrochemically synthesized Co Fe <sub>3</sub> O <sub>4</sub> magnetic nanoparticles. <i>Progress in Organic Coatings</i> , <b>2019</b> , 137, 105252	4.8	11
703	Poly(Acrolein-co-Cyclodextrin) Functionalized Magnetic Nanoparticles for Selective CD45-Positive Cells Capturing. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2019</b> , 19, 655-663	1.3	2
702	A unique FRET approach toward detection of single-base mismatch DNA in BRCA1 gene. <i>Materials Science and Engineering C</i> , <b>2019</b> , 97, 406-411	8.3	7
701	Simple and effective label free electrochemical immunosensor for Fig mosaic virus detection. <i>Analytical Biochemistry</i> , <b>2019</b> , 566, 102-106	3.1	29
700	A colorimetric paper sensor for citrate as biomarker for early stage detection of prostate cancer based on peroxidase-like activity of cysteine-capped gold nanoclusters. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2019</b> , 210, 251-259	4.4	47
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688	Voltammetric determination of dopamine in the presence of tyrosine using graphite screen-printed electrode modified with graphene quantum dots. <i>Ionics</i> , <b>2018</b> , 24, 4023-4031	2.7	16
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673	Visual detection of miRNA using peroxidase-like catalytic activity of DNA-CuNCs and methylene blue as indicator. <i>Clinica Chimica Acta</i> , <b>2018</b> , 483, 119-125	6.2	21
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638	Novel label-free electrochemical aptasensor for determination of Diazinon using gold nanoparticles-modified screen-printed gold electrode. <i>Biosensors and Bioelectronics</i> , <b>2018</b> , 120, 122-128	11.8	58
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635	First Report for Determination of d-Penicillamine in the Presence of Tryptophan Using a 2-Chlorobenzoyl Ferrocene/Ag-Supported ZnO Nanoplate-Modified Carbon Paste Electrode. <i>Journal of AOAC INTERNATIONAL</i> , <b>2018</b> , 101, 208-215	1.7	4
634	Fluorescent turn on sensing of Caffeine in food sample based on sulfur-doped carbon quantum dots and optimization of process parameters through response surface methodology. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 273, 25-34	8.5	57
633	Synthesis, characterization, magnetic and microwave absorption properties of iron/cobalt nanoparticles and iron/cobalt @ polyaniline (FeCo@PANI) nanocomposites. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2018</b> , 29, 12126-12134	2.1	9

632	Preparation and Characterization of Amine- and Carboxylic Acid-functionalized Superparamagnetic Iron Oxide Nanoparticles Through a One-step Facile Electrosynthesis Method. <i>Current Nanoscience</i> , <b>2018</b> , 15, 169-177	1.4	7
631	High-performance supercapacitor based on reduced graphene oxide decorated with europium oxide nanoparticles. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2018</b> , 29, 3035-3044	2.1	12
630	Design of a novel optical sensor for determination of trace amounts of copper by UV-visible spectrophotometry in real samples. <i>Applied Organometallic Chemistry</i> , <b>2018</b> , 32, e4110	3.1	4
629	An eco-benign and high speed protocol for the synthesis of 2-aryl-3,5-diarylfuran derivatives using Teflon-supported iodine. <i>Monatshefte Für Chemie</i> , <b>2018</b> , 149, 27-32	1.4	3
628	Simultaneous voltammetric determination of droxidopa, acetaminophen, and tyrosine on hematoxylin and graphene oxide/ZnO nanocomposite-modified glassy carbon electrode. <i>Ionics</i> , <b>2018</b> , 24, 1487-1495	2.7	6
627	Online monitoring of electrochemical synthesis of 4-nitrocatechol using fast Fourier transform continuous cyclic voltammetry (FFTCCV) in flow system. <i>Electrochimica Acta</i> , <b>2018</b> , 259, 694-701	6.7	3
626	One-pot electrochemical synthesis and assessment of super-capacitive and super-paramagnetic performances of Co <sup>2+</sup> doped Fe <sub>3</sub> O <sub>4</sub> ultra-fine particles. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2018</b> , 29, 2291-2300	2.1	20
625	Praseodymium molybdate nanoplates/reduced graphene oxide nanocomposite based electrode for simultaneous electrochemical determination of entacapone, levodopa and carbidopa. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2018</b> , 29, 20-31	2.1	22
624	Hydrothermal growth of magnesium ferrite rose nanoflowers on Nickel foam; application in high-performance asymmetric supercapacitors. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2018</b> , 29, 650-657	2.1	18
623	Long term determination of dopamine and uric acid in the presence of ascorbic acid using ytterbia/reduced graphene oxide nanocomposite prepared through a sonochemical route. <i>Applied Surface Science</i> , <b>2018</b> , 427, 496-506	6.7	25
622	High performance electrode material for supercapacitors based on NiCo(OH) <sub>2</sub> nano-sheets prepared through pulse current cathodic electro-deposition (PC-CED). <i>Electronic Materials Letters</i> , <b>2018</b> , 14, 37-45	2.9	11
621	Effects of Sintering Temperature and Press Pressure on the Microstructure and Electrochemical Behaviour of the Ag <sub>2</sub> O/GO Nanocomposite. <i>Russian Journal of Electrochemistry</i> , <b>2018</b> , 54, 1053-1066	1.2	2
620	Simple preparation of carbon-bimetal oxide nanospinel for high-performance bifunctional oxygen electrocatalysts. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 20156-20162	3.6	7
619	A platform for electrochemical sensing of biomolecules based on Europia/reduced graphene oxide nanocomposite. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2018</b> , 29, 20639-20649	2.1	2
618	Discrimination of methylated and nonmethylated region of a colorectal cancer related promoter using fluorescence enhancement of gold nanocluster at intrastrand of a 9C-loop. <i>Methods and Applications in Fluorescence</i> , <b>2018</b> , 6, 045009	3.1	2
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616	Selective removal of mercury(II) from water using a 2,2-dithiodisalicic acid-functionalized graphene oxide nanocomposite: Kinetic, thermodynamic, and reusability studies. <i>Journal of Molecular Liquids</i> , <b>2018</b> , 265, 189-198	6	15
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614	A colorimetric assay of DNA methyltransferase activity based on peroxidase mimicking of DNA template Ag/Pt bimetallic nanoclusters. <i>Analytical and Bioanalytical Chemistry</i> , <b>2018</b> , 410, 4943-4952	4.4	28
613	Lanthanide materials as chemosensors <b>2018</b> , 411-454		4
612	Anchoring samarium oxide nanoparticles on reduced graphene oxide for high-performance supercapacitor. <i>Applied Surface Science</i> , <b>2017</b> , 402, 245-253	6.7	63
611	Preparation and characterization of Mn <sub>5</sub> O <sub>8</sub> nanoparticles: A novel and facile pulse cathodic electrodeposition followed by heat treatment. <i>Inorganic and Nano-Metal Chemistry</i> , <b>2017</b> , 47, 1085-1089 <sup>1,2</sup>		18
610	Samaria/reduced graphene oxide nanocomposites; sonochemical synthesis and electrochemical evaluation. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2017</b> , 28, 6176-6185	2.1	19
609	Electrosynthesis of highly porous NiO nanostructure through pulse cathodic electrochemical deposition: heat-treatment (PCED-HT) method with excellent supercapacitive performance. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2017</b> , 28, 8144-8154	2.1	32
608	Copper nanocluster-enhanced luminol chemiluminescence for high-selectivity sensing of tryptophan and phenylalanine. <i>Luminescence</i> , <b>2017</b> , 32, 1045-1050	2.5	16
607	Metal-Chelate Immobilization of Lipase onto Polyethylenimine Coated MCM-41 for Apple Flavor Synthesis. <i>Applied Biochemistry and Biotechnology</i> , <b>2017</b> , 182, 1371-1389	3.2	16
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605	A new fluorescence turn-on nanobiosensor for the detection of micro-RNA-21 based on a DNA-gold nanocluster. <i>Methods and Applications in Fluorescence</i> , <b>2017</b> , 5, 015005	3.1	30
604	Preparation and characterization of iron oxide (Fe <sub>3</sub> O <sub>4</sub> ) nanoparticles coated with polyvinylpyrrolidone/polyethylenimine through a facile one-pot deposition route. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2017</b> , 433, 148-154	2.8	34
603	Erbium(III) tungstate nanoparticles; optimized synthesis and photocatalytic evaluation. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2017</b> , 28, 6399-6406	2.1	6
602	A fluorometric aptamer based assay for cytochrome C using fluorescent graphitic carbon nitride nanosheets. <i>Mikrochimica Acta</i> , <b>2017</b> , 184, 2157-2163	5.8	47
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600	Determination of diclofenac using electromembrane extraction coupled with stripping FFT continuous cyclic voltammetry. <i>Analytica Chimica Acta</i> , <b>2017</b> , 972, 38-45	6.6	21
599	Application of Taguchi robust design to the optimization of the synthesis of holmium carbonate and oxide nanoparticles and exploring their photocatalyst behaviors for water treatment. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2017</b> , 28, 11383-11392	2.1	1
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597	Electrochemical preparation and characterization of chitosan-coated superparamagnetic iron oxide (Fe <sub>3</sub> O <sub>4</sub> ) nanoparticles. <i>Materials Research Innovations</i> , <b>2017</b> , 1-9	1.9	6



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595	Assessment of supercapacitive performance of europium tungstate nanoparticles prepared via hydrothermal method. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2017</b> , 28, 12391-12398	2.2	42
594	Template-free preparation of vertically-aligned Mn <sub>3</sub> O <sub>4</sub> nanorods as high supercapacitive performance electrode material. <i>Thin Solid Films</i> , <b>2017</b> , 634, 24-32	6	65
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558	Fluorometric determination of microRNA via FRET between silver nanoclusters and CdTe quantum dots. <i>Mikrochimica Acta</i> , <b>2017</b> , 184, 4713-4721	5.8	35
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504	Bisphenol A Analysis in Food Samples Using Modified Nanostructure Carbon Paste Electrode as a Sensor. <i>Food Analytical Methods</i> , <b>2016</b> , 9, 1763-1769	3.4	28
503	Visual detection of cancer cells by colorimetric aptasensor based on aggregation of gold nanoparticles induced by DNA hybridization. <i>Analytica Chimica Acta</i> , <b>2016</b> , 904, 92-7	6.6	124
502	Highly sensitive gold nanoparticles-based optical sensing of DNA hybridization using bis(8-hydroxyquinoline-5-solphonate)cerium(III) chloride as a novel fluorescence probe. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2016</b> , 118, 356-362	3.5	16
501	Biomimetic Electrochemical Sensors Based on Imprinted Polymers for Determination of Mercury Ion. <i>Current Analytical Chemistry</i> , <b>2016</b> , 13, 62-69	1.7	5
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490	Comparison of Moringa stenopetala seed extract as a clean coagulant with Alum and Moringa stenopetala-Alum hybrid coagulant to remove direct dye from Textile Wastewater. <i>Environmental Science and Pollution Research</i> , <b>2016</b> , 23, 16396-405	5.1	65
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485	Preparation, characterization and electrochemical application of Ag-ZnO nanoplates for voltammetric determination of glutathione and tryptophan using modified carbon paste electrode. <i>Materials Science and Engineering C</i> , <b>2015</b> , 57, 107-12	8.3	69
484	A novel solid-state electrochemiluminescence sensor based on a Ru(bpy) <sub>3</sub> <sup>2+</sup> /nano Sm <sub>2</sub> O <sub>3</sub> modified carbon paste electrode for the determination of L-proline. <i>RSC Advances</i> , <b>2015</b> , 5, 64669-64674	3.7	18
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482	Optimization of dispersive liquid-liquid microextraction combined with high performance liquid chromatography for the analysis of dipyrindamole in water and urine samples. <i>Monatshefte für Chemie</i> , <b>2015</b> , 146, 1593-1601	1.4	6
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47	SEPARATION AND PRE-CONCENTRATION OF TRACE AMOUNTS OF CERIUM(III) ON OCTADECYL SILICA MEMBRANE DISCS MODIFIED WITH 1,3,5-TRITHIACYCLOHEXANE AND ITS SPECTROPHOTOMETRIC DETERMINATION BY ARSENAZO(III). <i>Separation Science and Technology</i> , <b>2002</b> , 37, 3525-3534	2.5	10
46	NOVEL Be(II) MEMBRANE ELECTRODE-BASED ON A DERIVATIVE OF BENZO-9-CROWN-3. <i>Main Group Metal Chemistry</i> , <b>2002</b> , 25,	1.6	8
45	Highly selective iodide membrane electrode based on a cerium salen. <i>Analytical Sciences</i> , <b>2002</b> , 18, 289-927		51
44	A 9,10-anthraquinone derivative having two propenyl arms as a neutral ionophore for highly selective and sensitive membrane sensors for copper(II) ion. <i>Analytical Sciences</i> , <b>2002</b> , 18, 875-9	1.7	25
43	Determination of SCN <sup>-</sup> in urine and saliva of smokers and non-smokers by SCN <sup>-</sup> -selective polymeric membrane containing a nickel(II)-azamacrocyclic complex coated on a graphite electrode. <i>Analytical Sciences</i> , <b>2002</b> , 18, 887-92	1.7	35
42	Lanthanum(III) PVC membrane electrodes based on 1,3,5-trithiacyclohexane. <i>Analytical Chemistry</i> , <b>2002</b> , 74, 5538-43	7.8	93
41	Novel sulfate ion-selective polymeric membrane electrode based on a derivative of pyrillium perchlorate. <i>Talanta</i> , <b>2002</b> , 58, 359-66	6.2	27
40	Cobalt(II)-selective membrane electrode based on a recently synthesized benzo-substituted macrocyclic diamide. <i>Analytical Sciences</i> , <b>2001</b> , 17, 1049-54	1.7	34
39	Solid phase extraction of ultra-trace amounts of Ag <sup>+</sup> by using octadecyl silica membrane disks modified with a new fulvalen derivative. <i>Analytical Sciences</i> , <b>2001</b> , 17, 1305-8	1.7	20

38	Lead-selective membrane potentiometric sensor based on an 18-membered thiacrown derivative. <i>Analytical Sciences</i> , <b>2001</b> , 17, 935-8	1.7	46
37	Highly selective thiocyanate poly(vinyl chloride) membrane electrode based on a cadmium-Schiff's base complex. <i>Fresenius Journal of Analytical Chemistry</i> , <b>2001</b> , 370, 1091-5		53
36	The Synthesis of a New Thiophene-Derivative Schiff's Base and Its Use in Preparation of Copper-Ion Selective Electrodes. <i>Electroanalysis</i> , <b>2001</b> , 13, 1513-1517	3	44
35	Beryllium-selective membrane sensor based on 3,4-di[2-(2-tetrahydro-2H-pyranoxy)]ethoxy styrene- $\beta$ -styrene copolymer. <i>Analytica Chimica Acta</i> , <b>2001</b> , 434, 23-27	6.6	22
34	Highly selective and sensitive copper(II) membrane coated graphite electrode based on a recently synthesized Schiff's base. <i>Analytica Chimica Acta</i> , <b>2001</b> , 440, 81-87	6.6	75
33	Separation and preconcentration of trace amounts of lead on octadecyl silica membrane disks modified with a new S-containing Schiff's base and its determination by flame atomic absorption spectrometry. <i>Microchemical Journal</i> , <b>2001</b> , 69, 1-6	4.8	35
32	A SELECTIVE MEMBRANE ELECTRODE FOR THIOCYANATE ION BASED ON A COPPER-1,8-DIMETHYL-1,3,6,8,10,13-AZACYCLOTETRADECANE COMPLEX AS IONOPHORE. <i>Analytical Letters</i> , <b>2001</b> , 34, 2621-2632	2.2	23
31	Copper(II)-selective membrane electrodes based on some recently synthesized mixed aza-thioether crowns containing a 1,10-phenanthroline sub-unit. <i>Talanta</i> , <b>2001</b> , 55, 1047-54	6.2	67
30	A Schiff base complex of Zn(II) as a neutral carrier for highly selective PVC membrane sensors for the sulfate ion. <i>Analytical Chemistry</i> , <b>2001</b> , 73, 2869-74	7.8	103
29	PVC-BASED 1,3,5-TRITHIANE COATED GRAPHITE ELECTRODE FOR DETERMINATION OF CERIUM(III) IONS. <i>Analytical Letters</i> , <b>2001</b> , 34, 2249-2261	2.2	56
28	Preconcentration of Trace Amounts of Copper in Aqueous Samples by Octadecyl Silica Membrane Modified Disks and Determination by Flame Atomic Absorption Spectrometry. <i>International Journal of Environmental Analytical Chemistry</i> , <b>2001</b> , 81, 233-242	1.8	8
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26	Nickel(II) Ion-Selective Electrode Based on 2-Methyl-4-(4-methoxy phenyl)-2,6-diphenyl-2H-thiopyran. <i>Electroanalysis</i> , <b>2000</b> , 12, 1138-1142	3	33
25	A bromide ion-selective polymeric membrane electrode based on a benzo-derivative xanthenium bromide salt. <i>Analytica Chimica Acta</i> , <b>2000</b> , 418, 197-203	6.6	38
24	Cadmium(II)-selective membrane electrode based on a synthesized tetrol compound. <i>Analytica Chimica Acta</i> , <b>2000</b> , 408, 75-81	6.6	64
23	Nickel(II) Ion-Selective Electrode Based on 2,5-Thiophenyl bis(5-tert-Butyl-1,3-Benzoxazole. <i>Analytical Letters</i> , <b>2000</b> , 33, 3139-3152	2.2	17
22	PVC-based 1,3,5-trithiane sensor for cerium(III) ions. <i>Analytical Chemistry</i> , <b>2000</b> , 72, 2391-4	7.8	125
21	Strontium-selective membrane electrodes based on some recently synthesized benzo-substituted macrocyclic diamides. <i>Analytical Chemistry</i> , <b>1999</b> , 71, 4938-43	7.8	49



20	Zinc-selective membrane potentiometric sensor based on a recently synthesized benzo-substituted macrocyclic diamide. <i>Sensors and Actuators B: Chemical</i> , <b>1999</b> , 59, 30-34	8.5	68
19	Synthesis of 4?-Carboxy-benzo-30-crown-10 and a Thermodynamic Study of Its Complexes with Thallium and Alkali Cations in Acetonitrile Solution. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , <b>1999</b> , 33, 361-376		6
18	Copper(II)-Selective Membrane Electrode Based on a Recently Synthesized Macrocyclic Diamide. <i>Microchemical Journal</i> , <b>1999</b> , 63, 202-210	4.8	53
17	Mercury(II) Ion-Selective Electrode Based on Dibenzo-diazathia-18-crown-6-dione. <i>Electroanalysis</i> , <b>1999</b> , 11, 81-84	3	111
16	The Synthesis of Styrene/4'-vinyl-benzo-24-crown-8 Copolymer and Its Use in Potassium-Ion Selective Electrodes. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , <b>1998</b> , 30, 29-43		32
15	Lead Ion-Selective Electrode Based on 4?-Vinylbenzo-15-crown-5 Homopolymer. <i>Microchemical Journal</i> , <b>1998</b> , 60, 122-133	4.8	50
14	Lead ion selective PVC membrane electrode based on 5,5'-dithiobis-(2-nitrobenzoic acid). <i>Talanta</i> , <b>1998</b> , 46, 1341-6	6.2	71
13	Thermodynamic study of the binding of hexathia-18-crown-6-tetraone with some transition and heavy metal ions in dimethyl sulfoxide solution. <i>Journal of the Chemical Society, Faraday Transactions</i> , <b>1998</b> , 94, 1959-1962		65
12	Beryllium-Selective Membrane Electrode Based on Benzo-9-crown-3. <i>Analytical Chemistry</i> , <b>1998</b> , 70, 5259-5263	7.1	
11	PVC-Based Hexathia-18-crown-6-tetraone Sensor for Mercury(II) Ions. <i>Analytical Chemistry</i> , <b>1997</b> , 69, 3693-3696	7.8	170
10	Complex Formation of Some Anilinium Ion Derivatives with 18-Crown-6, 1,10-diaza-18-crown-6 and Cryptand C222 in Acetonitrile, Dimethylformamide and their 1 : 1 Mixture. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , <b>1997</b> , 28, 315-323		32
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