

# Mojtaba Shamsipur

## List of Publications by Year in descending order

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Version: 2024-02-01

690  
papers

24,302  
citations

8181

76  
h-index

30922

102  
g-index

692  
all docs

692  
docs citations

692  
times ranked

17093  
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel enzyme-based electrochemical and colorimetric biosensors for tetracycline monitoring in milk. <i>Biotechnology and Applied Biochemistry</i> , 2022, 69, 41-50.	3.1	10
2	A new dispersive micro-solid phase extraction based on rejection property method combined with FAAS for the simultaneous determination of cobalt and copper after optimisation by Box-Behnken design. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 872-884.	3.3	5
3	Fluorescence sensing and imaging with carbon-based quantum dots for early diagnosis of cancer: A review. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 212, 114628.	2.8	61
4	A Natural Deep Eutectic Solvent-based Ultrasound-Vortex-assisted Dispersive Liquid-Liquid Microextraction Method for Ligand-less Pre-concentration and Determination of Traces of Cadmium Ions in Water and Some Food Samples. <i>Food Analytical Methods</i> , 2022, 15, 1203-1213.	2.6	17
5	Modified magnetic-metal organic framework as a green and efficient adsorbent for removal of heavy metals. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107297.	6.7	31
6	Construction of a highly sensitive immunosensor based on antibody immunoglobulin G/3-(trimethoxysilyl) propylamine/graphene oxide for antigen-specific immunoglobulin G detection. <i>Microchemical Journal</i> , 2022, 176, 107218.	4.5	4
7	Detection and discrimination of antibiotics in food samples using a microfluidic paper-based optical tongue. <i>Talanta</i> , 2022, 241, 123242.	5.5	25
8	Simultaneous electrochemical investigation and detection of two glucocorticoids; interactions with human growth hormone, somatropin. <i>Results in Chemistry</i> , 2022, 4, 100324.	2.0	4
9	A highly sensitive electrochemical biosensor for chlorpyrifos pesticide detection using the adsorbent nanomatrix contain the human serum albumin and the Pd:CdTe quantum dots. <i>Microchemical Journal</i> , 2022, 179, 107424.	4.5	15
10	Novel deep eutectic solvent-based liquid phase microextraction for the extraction of estrogenic compounds from environmental samples. <i>RSC Advances</i> , 2022, 12, 14467-14476.	3.6	12
11	An ideal ratiometric fluorescent probe provided by the surface modification of carbon dots for the determination of Pb <sup>2+</sup> . <i>Sensors and Actuators B: Chemical</i> , 2022, 369, 132243.	7.8	22
12	A microextraction method based on precipitation for the simultaneous separation and preconcentration of cadmium and lead before their determination by FAAS: experimental design methodology. <i>Separation Science and Technology</i> , 2021, 56, 1721-1729.	2.5	16
13	Introduction of a thrombin sensor based on its interaction with dabigatran as an oral direct thrombin inhibitor. <i>Materials Science and Engineering C</i> , 2021, 119, 111417.	7.3	9
14	Intrinsic dual-emissive carbon dots for efficient ratiometric detection of Cu <sup>2+</sup> and aspartic acid. <i>Analytica Chimica Acta</i> , 2021, 1144, 26-33.	5.4	25
15	Feasibility of using two benzo-substituted pyrilium-based compounds in dye-sensitized solar cells. <i>Materials Science in Semiconductor Processing</i> , 2021, 123, 105468.	4.0	5
16	Development of an ultrasensitive electrochemical genosensor for detection of HIV-1 pol gene using a gold nanoparticles coated carbon paste electrode impregnated with lead ion-imprinted polymer nanomaterials as a novel electrochemical probe. <i>Microchemical Journal</i> , 2021, 160, 105714.	4.5	15
17	Non-enzymatic glucose sensor based on a g-C <sub>3</sub> N <sub>4</sub> /NiO/CuO nanocomposite. <i>Analytical Biochemistry</i> , 2021, 616, 114062.	2.4	37
18	Unveiling the mechanistic implications of water oxidation reactions boosted by guanidine proton relays: a chemical-electrochemical-chemical pathway and a non-concerted proton-electron transfer. <i>Journal of Materials Chemistry A</i> , 2021, 9, 2937-2947.	10.3	4

#	ARTICLE	IF	CITATIONS
19	Determination of sulfonamide residues in animal foodstuffs by magnetic dispersive solid-phase extraction using magnetic carbon nanocomposites coupled with ion pair-dispersive liquid-liquid micro-extraction combined with HPLC-DAD. <i>Journal of the Iranian Chemical Society</i> , 2021, 18, 1433-1442.	2.2	10
20	Engineering of nickel-cobalt oxide nanostructures based on biomass material for high performance supercapacitor and catalytic water splitting. <i>International Journal of Energy Research</i> , 2021, 45, 12879-12897.	4.5	23
21	Liquid Phase Microextraction of Chloridazon from Environmental Water and Soil Samples by Supramolecular Solvent-Impregnated TiO <sub>2</sub> Coated Polypropylene Hollow Fibers. <i>Journal of Analytical Chemistry</i> , 2021, 76, 555-562.	0.9	4
22	Simultaneous selective separation of silver (I) and lead (II) ions from a single dilute source solution through two supported liquid membranes composed of selective crown ethers in supra molecular solvent. <i>Chemical Papers</i> , 2021, 75, 5489-5502.	2.2	3
23	Magnetic solid-phase extraction using metal-organic framework-based biosorbent followed by ligandless deep-eutectic solvent-ultrasounds-assisted dispersive liquid-liquid microextraction (DES-USA-DLLME) for preconcentration of mercury (II). <i>Microchemical Journal</i> , 2021, 166, 106209.	4.5	32
24	Nanofibers of Polyaniline and Cu(II)-Aspartic Acid for a Room-Temperature Carbon Monoxide Gas Sensor. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 39791-39805.	8.0	27
25	MnCoP hollow nanocubes as novel electrode material for asymmetric supercapacitors. <i>Chemical Engineering Journal</i> , 2021, 420, 129910.	12.7	50
26	Novel Rugby-Ball-like FeCoCuS <sub>2</sub> Triple-Shelled Hollow Nanostructures with Enhanced Performance for Supercapattery. <i>Energy &amp; Fuels</i> , 2021, 35, 15108-15117.	5.1	9
27	HIV biosensors for early diagnosis of infection: The intertwine of nanotechnology with sensing strategies. <i>Talanta</i> , 2020, 206, 120201.	5.5	86
28	Electrochemical genosensor based on carbon nanotube/amine-ionic liquid functionalized reduced graphene oxide nanoplatfrom for detection of human papillomavirus (HPV16)-related head and neck cancer. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 179, 112989.	2.8	40
29	Chromium speciation by isophthalic acid-doped polymer dots as sensitive and selective fluorescent probes. <i>Talanta</i> , 2020, 209, 120521.	5.5	17
30	Gold-decorated Fe <sub>3</sub> O <sub>4</sub> nanoparticles for efficient photocatalytic degradation of ampicillin: a chemometrics investigation. <i>Journal of the Iranian Chemical Society</i> , 2020, 17, 1173-1182.	2.2	7
31	A novel nanoplatfrom encapsulating glucose oxidase for spectrophotometric biosensing of hydrogen peroxide and glucose. <i>Analytical Methods</i> , 2020, 12, 345-357.	2.7	5
32	Construction of manganese oxide nanowire-like cluster arrays on a DNA template: Application to detection of hydrogen peroxide. <i>Bioelectrochemistry</i> , 2020, 132, 107419.	4.6	8
33	Harnessing the enantiomeric recognition ability of hydrophobic polymers of intrinsic microporosity (PIM-1) toward amino acids by converting them into hydrophilic polymer dots. <i>Journal of Materials Chemistry C</i> , 2020, 8, 13827-13835.	5.5	12
34	Electrospun nanofibers as a new solid phase microextraction coating for determination of volatile organic impurities in biological products. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1153, 122279.	2.3	3
35	A new generation of highly sensitive potentiometric sensors based on ion imprinted polymeric nanoparticles/multiwall carbon nanotubes/polyaniline/graphite electrode for sub-nanomolar detection of lead(II) ions. <i>Journal of Electroanalytical Chemistry</i> , 2020, 879, 114788.	3.8	23
36	Histidine capped-gold nanoclusters mediated fluorescence detection of glucose and hydrogen peroxide based on glucose oxidase-mimicking property of gold nanoparticles via an inner filter effect mechanism. <i>Journal of Luminescence</i> , 2020, 228, 117604.	3.1	24

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37	A highly selective green supported liquid membrane by using a hydrophobic deep eutectic solvent for carrier-less transport of silver ions. <i>Analytical Methods</i> , 2020, 12, 4682-4690.	2.7	9
38	In Situ Chromophore Doping: A New Mechanism for the Long-Wavelength Emission of Carbon Dots. <i>Journal of Physical Chemistry C</i> , 2020, 124, 10638-10646.	3.1	27
39	Dual-modal label-free genosensor based on hemoglobin@gold nanocluster stabilized graphene nanosheets for the electrochemical detection of BCR/ABL fusion gene. <i>Talanta</i> , 2020, 217, 121093.	5.5	16
40	Fabrication of Template-Free Self-Propelled Micromotors Based on A Metal-Sandwiched Polytryptophan Body: An Experimental and DFT Study. <i>ChemPlusChem</i> , 2020, 85, 1129-1136.	2.8	4
41	Construction of hierarchical nanoporous CuCo <sub>2</sub> V <sub>2</sub> O <sub>8</sub> hollow spheres as a novel electrode material for high-performance asymmetric supercapacitors. <i>Applied Surface Science</i> , 2020, 527, 146855.	6.1	44
42	Impedimetric determination of Cs(I) using AuNPs@PoPD-DB24C8: A targeted molecular-scale perturbation. <i>Analytica Chimica Acta</i> , 2020, 1108, 118-128.	5.4	1
43	Biosensing strategies based on organic-scaffolded metal nanoclusters for ultrasensitive detection of tumor markers. <i>Talanta</i> , 2020, 214, 120886.	5.5	34
44	Zinc oxide-gold nanocomposite as a proper platform for label-free DNA biosensor. <i>Bioelectrochemistry</i> , 2020, 133, 107458.	4.6	33
45	Effects of N-oxidation on the molecular and crystal structures and properties of isocinchomeronic acid, its metal complexes and their supramolecular architectures: experimental, CSD survey, solution and theoretical approaches. <i>RSC Advances</i> , 2019, 9, 25382-25404.	3.6	15
46	A paper-based length of stain analytical device for naked eye (readout-free) detection of cystic fibrosis. <i>Analytica Chimica Acta</i> , 2019, 1080, 138-145.	5.4	28
47	Aptamer-Based Fluorescent Biosensing of Adenosine Triphosphate and Cytochrome <i>c</i> via Aggregation-Induced Emission Enhancement on Novel Label-Free DNA-Capped Silver Nanoclusters/Graphene Oxide Nanohybrids. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 46077-46089.	8.0	40
48	What has biomimicry so far brought on mysterious natural oxygen evolution?. <i>Coordination Chemistry Reviews</i> , 2019, 401, 213068.	18.8	9
49	Application of metal-organic framework as redox probe in an electrochemical aptasensor for sensitive detection of MUC1. <i>Biosensors and Bioelectronics</i> , 2019, 141, 111433.	10.1	49
50	Efficient ethanol oxidation by hemoglobin-capped gold nanoclusters: The critical role of Fe in the heme group as an oxophilic metal active site. <i>Electrochemistry Communications</i> , 2019, 103, 42-47.	4.7	8
51	An immunosensing device based on inhibition of mediator's faradaic process for early diagnosis of prostate cancer using bifunctional nanoplatfom reinforced by carbon nanotube. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 172, 259-267.	2.8	27
52	Label free phosphate functionalized semiconducting polymer dots for detection of iron(III) and cytochrome c with application to apoptosis imaging. <i>Biosensors and Bioelectronics</i> , 2019, 141, 111337.	10.1	19
53	Platinum nanospheres electrodeposited on titanium oxide/titanium modified electrode for improved electrocatalytic activity of methanol electrooxidation. <i>Chemical Papers</i> , 2019, 73, 2153-2164.	2.2	7
54	A review on nanomaterial-based electrochemical, optical, photoacoustic and magnetoelastic methods for determination of uranyl cation. <i>Mikrochimica Acta</i> , 2019, 186, 289.	5.0	31

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55	Fluorescent pH nanosensors: Design strategies and applications. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2019, 39, 76-141.	11.6	85
56	Electrochemical preconcentration of ultra-trace Cd <sup>2+</sup> from environmental and biological samples prior to its determination using carbon paste electrode impregnated with ion imprinted polymer nanoparticles. <i>International Journal of Environmental Analytical Chemistry</i> , 2019, 99, 172-186.	3.3	22
57	A rhodium-decorated carbon nanotube cathode material in the dye-sensitized solar cell: Conversion efficiency reached to 11%. <i>Electrochimica Acta</i> , 2019, 308, 373-383.	5.2	23
58	Simultaneous extraction of 32 polychlorinated biphenyls by using magnetic carbon nanocomposite based dispersive microextraction, subsequent dispersive liquid-liquid microextraction with two miscible stripping solvents, and quantitation by GC-MS/ECD. <i>Mikrochimica Acta</i> , 2019, 186, 178.	5.0	8
59	Impedimetric mechanism study of horseradish peroxidase at low and high concentrations of hydrogen peroxide based on graphene/sol-gel/horseradish peroxidase. <i>International Journal of Biological Macromolecules</i> , 2019, 123, 677-681.	7.5	10
60	Determination of Hg <sup>2+</sup> and Cu <sup>2+</sup> ions by dual-emissive Ag/Au nanocluster/carbon dots nano hybrids: Switching the selectivity by pH adjustment. <i>Journal of Hazardous Materials</i> , 2019, 367, 437-446.	12.4	70
61	Clinical aspects of radiolabeled aptamers in diagnostic nuclear medicine: A new class of targeted radiopharmaceuticals. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 2282-2291.	3.0	6
62	One-step electrochemically driven production of aza macrocycle-based pseudo-cryptand: An accessible route for creating of diverse cryptand-resembles compounds. <i>Electrochimica Acta</i> , 2019, 296, 102-111.	5.2	1
63	Sub-femtomolar detection of HIV-1 gene using DNA immobilized on composite platform reinforced by a conductive polymer sandwiched between two nanostructured layers: A solid signal-amplification strategy. <i>Analytica Chimica Acta</i> , 2019, 1055, 7-16.	5.4	22
64	Solid-phase extraction combined with dispersive liquid-liquid microextraction/HPLC-UV as a sensitive and efficient method for extraction, pre-concentration and simultaneous determination of antiretroviral drugs nevirapine, efavirenz and nelfinavir in pharmaceutical formulations and biological samples. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 166, 95-104.	2.8	14
65	Employing AgNPs doped amidoxime-modified polyacrylonitrile (PAN-oxime) nanofibers for target induced strand displacement-based electrochemical aptasensing of CA125 in ovarian cancer patients. <i>Materials Science and Engineering C</i> , 2019, 97, 679-687.	7.3	48
66	An overview of nanoscale radionuclides and radiolabeled nanomaterials commonly used for nuclear molecular imaging and therapeutic functions. <i>Journal of Biomedical Materials Research - Part A</i> , 2019, 107, 251-285.	4.0	62
67	A highly selective semiconducting polymer dots-based "on-off" fluorescent nanoprobe for iron, copper and histidine detection and imaging in living cells. <i>Talanta</i> , 2019, 194, 752-762.	5.5	37
68	Nile red-doped fluorescent semiconducting polymer dots as a highly sensitive hydrophobicity probe: protein conformational changes detection and plasma membrane imaging. <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 535-543.	2.2	4
69	Fabrication of a glycation induced amyloid nanofibril and polyalizarin yellow R nanobiocomposite: Application for electrocatalytic determination of hydrogen peroxide. <i>International Journal of Biological Macromolecules</i> , 2019, 123, 1297-1304.	7.5	6
70	Determination of enantiomeric excess of some amino acids by second-order calibration of kinetic-fluorescence data. <i>Analytical Biochemistry</i> , 2018, 550, 15-26.	2.4	13
71	Signalling probe displacement electrochemical aptasensor for malignant cell surface nucleolin as a breast cancer biomarker based on gold nanoparticle decorated hydroxyapatite nanorods and silver nanoparticle labels. <i>Mikrochimica Acta</i> , 2018, 185, 154.	5.0	27
72	A low-overpotential nature-inspired molecular chromium water oxidation catalyst. <i>Electrochimica Acta</i> , 2018, 265, 316-325.	5.2	10

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73	Selective separation of yttrium(III) through a liquid membrane system using 2-thenoyltrifluoroacetone as an extractant carrier. <i>Chemical Papers</i> , 2018, 72, 1487-1497.	2.2	10
74	Facile preparation and characterization of new green emitting carbon dots for sensitive and selective off/on detection of Fe <sup>3+</sup> ion and ascorbic acid in water and urine samples and intracellular imaging in living cells. <i>Talanta</i> , 2018, 183, 122-130.	5.5	105
75	A Highly Sensitive Dispersive Microextraction Method with Magnetic Carbon Nanocomposites Coupled with Dispersive Liquid-Liquid Microextraction and Two Miscible Stripping Solvents Followed by GC-MS for Quantification of 16 PAHs in Environmental Samples. <i>Chromatographia</i> , 2018, 81, 487-499.	1.3	18
76	A sandwich-type electrochemical immunosensor based on in situ silver deposition for determination of serum level of HER2 in breast cancer patients. <i>Biosensors and Bioelectronics</i> , 2018, 103, 54-61.	10.1	91
77	An electrochemical aptamer-based assay for femtomolar determination of insulin using a screen printed electrode modified with mesoporous carbon and 1,3,6,8-pyrenetetrasulfonate. <i>Mikrochimica Acta</i> , 2018, 185, 59.	5.0	32
78	Comprehensive facilitating of water oxidation reaction by ultrasonic attenuation of hydrogen-bonded structure of water. <i>Ultrasonics Sonochemistry</i> , 2018, 42, 381-389.	8.2	8
79	Advances in the design of nanomaterial-based electrochemical affinity and enzymatic biosensors for metabolic biomarkers: A review. <i>Mikrochimica Acta</i> , 2018, 185, 276.	5.0	74
80	A highly sensitive electrochemical sensor for the determination of methanol based on PdNPs@SBA-15-PrEn modified electrode. <i>Analytical Biochemistry</i> , 2018, 548, 32-37.	2.4	16
81	Isolation of HL-60 cancer cells from the human serum sample using MnO <sub>2</sub> -PEI/Ni/Au/aptamer as a novel nanomotor and electrochemical determination of thereof by aptamer/gold nanoparticles-poly(3,4-ethylene dioxythiophene) modified GC electrode. <i>Biosensors and Bioelectronics</i> , 2018, 110, 141-146.	10.1	47
82	Coupled electrochemical-chemical procedure used in construction of molecularly imprinted polymer-based electrode: a highly sensitive impedimetric melamine sensor. <i>Journal of Solid State Electrochemistry</i> , 2018, 22, 169-180.	2.5	31
83	Colorimetric determination of acidity constant using a paper-based microfluidic analytical device. <i>Chemical Papers</i> , 2018, 72, 1239-1247.	2.2	20
84	One-step synthesis and characterization of highly luminescent nitrogen and phosphorus co-doped carbon dots and their application as highly selective and sensitive nanoprobe for low level detection of uranyl ion in hair and water samples and application to cellular imaging. <i>Sensors and Actuators B: Chemical</i> , 2018, 257, 772-782.	7.8	59
85	Synthesis of N-hydroxy-imidamide-functionalized graphene: an efficient metal-free electrocatalyst for oxygen reduction. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 111-119.	2.2	6
86	Recent advances in design of electrochemical affinity biosensors for low level detection of cancer protein biomarkers using nanomaterial-assisted signal enhancement strategies. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 147, 185-210.	2.8	60
87	Solid and solution states studies of two Mn(II) complexes based on N-oxidized pyridine-2,5-dicarboxylic acid. <i>Journal of Coordination Chemistry</i> , 2018, 71, 4058-4071.	2.2	8
88	Synthesis of nanostructured titania/zirconia membrane and investigation of its physical separation and photocatalytic properties in treatment of textile industries wastewater. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 2759-2769.	2.2	6
89	Shape-Controlled Synthesis of Luminescent Hemoglobin Capped Hollow Porous Platinum Nanoclusters and their Application to Catalytic Oxygen Reduction and Cancer Imaging. <i>Scientific Reports</i> , 2018, 8, 14507.	3.3	26
90	Recent advances in designing nanomaterial based biointerfaces for electrochemical biosensing cardiovascular biomarkers. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 161, 344-376.	2.8	37



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91	Functionalized layered double hydroxide with nitrogen and sulfur co-decorated carbondots for highly selective and efficient removal of soft Hg <sup>2+</sup> and Ag <sup>+</sup> ions. <i>Journal of Hazardous Materials</i> , 2018, 357, 217-225.	12.4	65
92	Recent developments and applications of different sorbents for SPE and SPME from biological samples. <i>Talanta</i> , 2018, 187, 337-347.	5.5	137
93	Synthesis, characterization and using a new terpyridine moiety-based ion-imprinted polymer nanoparticle: sub-nanomolar detection of Pb(II) in biological and water samples. <i>Chemical Papers</i> , 2018, 72, 2707-2717.	2.2	16
94	Transduction of interaction between trace tryptophan and surface-confined chromium salen using impedance spectroscopy. A sensing device that works based on highly selective inhibition of mediator's Faradaic process. <i>Analytica Chimica Acta</i> , 2018, 1030, 70-76.	5.4	5
95	Modification of gold surface by electrosynthesized mono aza crown ether substituted catechol-terminated alkane dithiol and its application as a new electrochemical sensor for trace detection of cadmium ions. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 171, 494-500.	5.0	16
96	Latest advances in PSII features and mechanism of water oxidation. <i>Coordination Chemistry Reviews</i> , 2018, 374, 153-172.	18.8	29
97	Resolving the Multiple Emission Centers in Carbon Dots: From Fluorophore Molecular States to Aromatic Domain States and Carbon-Core States. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 4189-4198.	4.6	142
98	Photoluminescence Mechanisms of Dual-Emission Fluorescent Silver Nanoclusters Fabricated by Human Hemoglobin Template: From Oxidation- and Aggregation-Induced Emission Enhancement to Targeted Drug Delivery and Cell Imaging. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 11123-11137.	6.7	43
99	A new bifunctional nanostructure based on Two-Dimensional nanolayered of Co(OH) <sub>2</sub> exfoliated graphitic carbon nitride as a high performance enzyme-less glucose sensor: Impedimetric and amperometric detection. <i>Analytica Chimica Acta</i> , 2018, 1034, 63-73.	5.4	31
100	Single frequency impedance strategy employed in rapid detection of leukemia cancer cells using an electrospun PES-nanofiber reinforced ternary composite-based cytosensor. <i>Electrochimica Acta</i> , 2018, 283, 1498-1506.	5.2	7
101	Epirubicin-calf thymus DNA interaction: a comprehensive investigation using molecular docking, spectroscopy and fluorescent quantum dots. <i>Cellular and Molecular Biology</i> , 2018, 64, 1-7.	0.9	0
102	Synthesis of TiO <sub>2</sub> nanostructure membrane and influence of ZrO <sub>2</sub> addition on microstructure, thermal stability and membrane properties. <i>Materials Technology</i> , 2017, 32, 7-15.	3.0	4
103	A highly sensitive quantum dots-DNA nanobiosensor based on fluorescence resonance energy transfer for rapid detection of nanomolar amounts of human papillomavirus 18. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 136, 140-147.	2.8	41
104	Determination of cDNA encoding BCR/ABL fusion gene in patients with chronic myelogenous leukemia using a novel FRET-based quantum dots-DNA nanosensor. <i>Analytica Chimica Acta</i> , 2017, 966, 62-70.	5.4	13
105	SiO <sub>2</sub> -coated magnetic graphene oxide modified with polypyrrole-polythiophene: A novel and efficient nanocomposite for solid phase extraction of trace amounts of heavy metals. <i>Talanta</i> , 2017, 167, 607-616.	5.5	162
106	A novel electrochemical cyanide sensor using gold nanoparticles decorated carbon ceramic electrode. <i>Microchemical Journal</i> , 2017, 133, 485-489.	4.5	35
107	Separation and preconcentration of riboflavin from human plasma using polythionine coated magnetite/hydroxyapatite nanocomposite prior to analysis by surfactant-enhanced fluorimetry. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 184, 109-118.	3.9	17
108	A high sensitive visible light-driven photoelectrochemical aptasensor for shrimp allergen tropomyosin detection using graphitic carbon nitride-TiO <sub>2</sub> nanocomposite. <i>Biosensors and Bioelectronics</i> , 2017, 98, 113-118.	10.1	82

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109	Highly sensitive non-enzymatic electrochemical glucose sensor by Nafion/SBA-15-Cu (II) modified glassy carbon electrode. <i>Journal of Electroanalytical Chemistry</i> , 2017, 799, 406-412.	3.8	24
110	Simultaneous determination of ultra-low traces of lead and cadmium in food and environmental samples using dispersive solid-phase extraction (DSPE) combined with ultrasound-assisted emulsification microextraction based on the solidification of floating organic drop (UAEME-SFO) followed by GFAAS. <i>RSC Advances</i> , 2017, 7, 27656-27667.	3.6	18
111	Functionalized Fe <sub>3</sub> O <sub>4</sub> /graphene oxide nanocomposites with hairpin aptamers for the separation and preconcentration of trace Pb <sup>2+</sup> from biological samples prior to determination by ICP MS. <i>Materials Science and Engineering C</i> , 2017, 77, 459-469.	7.3	53
112	Manganese mediated oxidation of progesterone in alkaline medium: Mechanism study and quantitative determination. <i>Electrochimica Acta</i> , 2017, 225, 292-302.	5.2	18
113	An ultrasensitive sandwich-type electrochemical immunosensor for the determination of SKBR-3 breast cancer cell using rGO-TPA/FeHCFnano labeled Anti-HCT as a signal tag. <i>Sensors and Actuators B: Chemical</i> , 2017, 243, 823-830.	7.8	31
114	Recent advances in liquid-phase microextraction techniques for the analysis of environmental pollutants. <i>TrAC - Trends in Analytical Chemistry</i> , 2017, 97, 83-95.	11.4	105
115	Long-wavelength, multicolor, and white-light emitting carbon-based dots: Achievements made, challenges remaining, and applications. <i>Carbon</i> , 2017, 124, 429-472.	10.3	253
116	Ultrasensitive aflatoxin B1 assay based on FRET from aptamer labelled fluorescent polymer dots to silver nanoparticles labeled with complementary DNA. <i>Mikrochimica Acta</i> , 2017, 184, 4655-4662.	5.0	34
117	Flow injection amperometric sandwich-type aptasensor for the determination of human leukemic lymphoblast cancer cells using MWCNTs-Pdnano/PTCA/aptamer as labeled aptamer for the signal amplification. <i>Analytica Chimica Acta</i> , 2017, 985, 61-68.	5.4	34
118	A new approach to extraction and preconcentration of Ce(III) from aqueous solutions using magnetic reduced graphene oxide decorated with thioglycolic-acid-capped CdTe QDs. <i>International Journal of Environmental Analytical Chemistry</i> , 2017, 97, 854-867.	3.3	10
119	A sandwich-type electrochemical aptasensor for determination of MUC 1 tumor marker based on PSMA-capped PFBT dots platform and high conductive rGO-Na <sup>+</sup> , Na <sup>+</sup> -dihydroxymalonimidamide/thionine nanocomposite as a signal tag. <i>Journal of Electroanalytical Chemistry</i> , 2017, 807, 108-118.	3.8	21
120	Flow injection amperometric sandwich-type electrochemical aptasensor for the determination of adenocarcinoma gastric cancer cell using aptamer-Au@Ag nanoparticles as labeled aptamer. <i>Electrochimica Acta</i> , 2017, 246, 1147-1154.	5.2	43
121	A review: Aptamer-based analytical strategies using the nanomaterials for environmental and human monitoring of toxic heavy metals. <i>Talanta</i> , 2017, 174, 619-627.	5.5	169
122	Simultaneous determination of CYC and VEGF165 tumor markers based on immobilization of flavin adenine dinucleotide and thionine as probes on reduced graphene oxide-poly(amidoamine)/gold nanocomposite modified dual working screen-printed electrode. <i>Sensors and Actuators B: Chemical</i> , 2017, 240, 1174-1181.	7.8	44
123	Impedimetric monitoring of apoptosis using cytochrome-aptamer bioconjugated silver nanocluster. <i>Biosensors and Bioelectronics</i> , 2017, 90, 195-202.	10.1	37
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241	Spectrophotometric study of formation, structure, stability and kinetics of charge-transfer complexation of iodine with 1,4,7,10,13,16-hexamethyl-1,4,7,10,13,16-hexaazacyclooctadecane in chloroform solution. Application of hard-modeling approaches and theoretical calculations. <i>Journal of Molecular Structure</i> , 2013, 1047, 179-185.	3.6	3
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248	Determination of free formaldehyde in vaccines and biological samples using solid-phase microextraction coupled to GC-MS. <i>Journal of Separation Science</i> , 2013, 36, 3883-3888.	2.5	18
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295	Synthesis, characterisation and application of two new lariat crown ethers in construction of PVC membrane, coated wire and coated graphite electrodes: application to flow injection potentiometry. <i>International Journal of Environmental Analytical Chemistry</i> , 2011, 91, 33-48.	3.3	4
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310	<sup>133</sup> Cs NMR Study of Cs <sup>+</sup> Ion Complexes with 18-crown-6, Diaza-18-crown-6 and Dibenzylidiaz-18-crown-6 in Binary Acetonitrile-Nitromethane Mixtures. <i>Journal of Solution Chemistry</i> , 2011, 40, 40-47.	1.2	5
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320	An Investigation on Decomposition Kinetics and Thermal Properties of Copper-Fueled Pyrotechnic Compositions. <i>Combustion Science and Technology</i> , 2011, 183, 575-587.	2.3	23
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327	Selective homogeneous liquid-liquid extraction and preconcentration of copper(II) into a micro droplet using a benzo-substituted macrocyclic diamide, and its determination by electrothermal atomic absorption spectrometry. <i>Mikrochimica Acta</i> , 2010, 168, 115-121.	5.0	18
328	A highly sensitive procedure for determination of ultra trace amounts of molybdenum by graphite furnace atomic absorption spectrometry after dispersive liquid-liquid microextraction. <i>Mikrochimica Acta</i> , 2010, 171, 267-273.	5.0	28
329	<sup>133</sup> Cs NMR Study of Cs <sup>+</sup> Ion Complexes with Dibenzo-24-crown-8, Dicyclohexano-24-crown-8 and Dibenzo-30-crown-10 in Binary Acetonitrile-Nitromethane Mixtures. <i>Journal of Solution Chemistry</i> , 2010, 39, 1350-1359.	1.2	7
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342	Simultaneous Determination of Guaifenesin and Theophylline by Chemometrics Methods. <i>Analytical Letters</i> , 2010, 43, 687-700.	1.8	20



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344	Room-temperature ionic liquids as electrolytes in electroanalytical determination of traces of 2-furaldehyde from oil and related wastewaters from refining processes. <i>Talanta</i> , 2010, 81, 109-115.	5.5	7
345	Synthesis and characterization of novel ion-imprinted polymeric nanoparticles for very fast and highly selective recognition of copper(II) ions. <i>Talanta</i> , 2010, 83, 674-681.	5.5	75
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354	Lead-selective poly(vinyl chloride) electrodes based on some synthesized benzo-substituted macrocyclic diamides. <i>Journal of Hazardous Materials</i> , 2009, 172, 68-73.	12.4	29
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356	Electrochemical DNA nano-biosensor for the study of spermidine-DNA interaction. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009, 49, 587-593.	2.8	43
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470	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
471	<sup>1</sup> H nuclear magnetic resonance spectroscopy analysis for simultaneous determination of levodopa, carbidopa and methyl dopa in human serum and pharmaceutical formulations. <i>Analytica Chimica Acta</i> , 2004, 506, 97-104.	5.4	86
472	On-line preconcentration and simultaneous determination of heavy metal ions by inductively coupled plasma-atomic emission spectrometry. <i>Analytica Chimica Acta</i> , 2004, 509, 89-94.	5.4	142
473	Application of artificial neural network to simultaneous potentiometric determination of silver(I), mercury(II) and copper(II) ions by an unmodified carbon paste electrode. <i>Talanta</i> , 2004, 64, 590-596.	5.5	40
474	A Spectrophotometric Investigation of the Interaction of Iodine with Dibenzylidiazacrown-6, Aza-15-crown-5 and N-phenylaza-15-crown-5 in Chloroform Solution. <i>Journal of the Chinese Chemical Society</i> , 2004, 51, 119-124.		7
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476	[Tetrakis(4-N,N-dimethylaminobenzene)porphyrinato]-manganese(III) Acetate as a Novel Carrier for a Selective Iodide PVC Membrane Electrode. <i>Analytical Sciences</i> , 2004, 20, 805-809.	1.6	29
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478	Title is missing!. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2003, 45, 117-121.	1.6	31
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480	Title is missing!. <i>Journal of Solution Chemistry</i> , 2003, 32, 227-238.	1.2	17
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482	A Novel PVC-Membrane-Coated Graphite Sensor Based on an Anthraquinone Derivative Membrane for the Determination of Lead. <i>Electroanalysis</i> , 2003, 15, 1561-1565.	2.9	26
483	Highly Selective and Sensitive Perchlorate Sensors Based on Some Recently Synthesized Ni(II)-Hexaazacyclotetradecane Complexes. <i>Electroanalysis</i> , 2003, 15, 1476-1480.	2.9	35
484	Highly Selective PVC-Membrane Electrodes Based on Three Derivatives of (Tetraphenylporphyrinato)Cobalt(III) Acetate for Determination of Trace Amounts of Nitrite Ion. <i>Electroanalysis</i> , 2003, 15, 1251-1259.	2.9	27
485	Novel Liquid Membrane Electrode for Selective Determination of Monohydrogenphosphate. <i>Electroanalysis</i> , 2003, 15, 139-144.	2.9	40
486	Novel Gadolinium PVC-Based Membrane Sensor Based on Omeprazole as an Antibiotic. <i>Electroanalysis</i> , 2003, 15, 1038-1042.	2.9	75

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488	Ytterbium(III)-selective membrane electrode based on cefixime. <i>Analytica Chimica Acta</i> , 2003, 475, 59-66.	5.4	78
489	Polymeric membrane and coated graphite samarium(III)-selective electrodes based on isopropyl 2-[(isopropoxycarbothiyl)disulfanyl]ethanethioate. <i>Analytica Chimica Acta</i> , 2003, 486, 93-99.	5.4	57
490	Novel gadolinium poly(vinyl chloride) membrane sensor based on a new Schiff's base. <i>Analytica Chimica Acta</i> , 2003, 495, 51-59.	5.4	95
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494	A study of peroxyoxalate-chemiluminescence of acriflavine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2003, 59, 511-517.	3.9	19
495	Chemiluminescence characteristics of cumarin derivatives as blue fluorescers in peroxyoxalate-hydrogen peroxide system. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2003, 59, 1145-1150.	3.9	16
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497	A PTEV-based zeolite membrane potentiometric sensor for cesium ion. <i>Sensors and Actuators B: Chemical</i> , 2003, 96, 560-564.	7.8	46
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503	A New Ion-Selective Electrode for Potentiometric Determination of Ce(III). <i>Analytical Letters</i> , 2003, 36, 1065-1078.	1.8	40
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509	CESIUM-SELECTIVE POLY (VINYLCHLORIDE) MEMBRANE ELECTRODE BASED ON A NEW CALIX[4]ARENE DERIVATIVE IN THE 1,3-ALTERNATE CONFORMATION. <i>Analytical Letters</i> , 2002, 35, 767-783.	1.8	16
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537	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). Separation Science and Technology, 2002, 37, 3525-3534.	2.5	14
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561	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
562	Iodide-selective carbon paste electrodes based on recently synthesized Schiff base complexes of Fe(III). <i>Analytica Chimica Acta</i> , 2001, 450, 37-44.	5.4	61
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