Morteza Hosseini

List of Publications by Year
in descending order

218 papers	6,916 citations	50170 46 h-index	98622 67 g-index
224 all docs	224 docs citations	224 times ranked	6314 citing authors

#	Article	IF	Citations
1	FRET-based aptamer biosensor for selective and sensitive detection of aflatoxin B1 in peanut and rice. Food Chemistry, 2017, 220, 527-532.	4.2	195
2	Visual detection of cancer cells by colorimetric aptasensor based on aggregation of gold nanoparticles induced by DNA hybridization. Analytica Chimica Acta, 2016, 904, 92-97.	2.6	152
3	Neural stem/progenitor cell transplantation for spinal cord injury treatment; A systematic review and meta-analysis. Neuroscience, 2016, 322, 377-397.	1.1	132
4	A Schiff Base Complex of Zn(II) as a Neutral Carrier for Highly Selective PVC Membrane Sensors for the Sulfate Ion. Analytical Chemistry, 2001, 73, 2869-2874.	3.2	123
5	Recent advances in biosensor technology in assessment of early diabetes biomarkers. Biosensors and Bioelectronics, 2018, 99, 122-135.	5.3	123
6	Fluorescence â€œturn-onâ€•chemosensor for the selective detection of zinc ion based on Schiff-base derivative. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2010, 75, 978-982.	2.0	122
7	Facile preparation and characterization of new green emitting carbon dots for sensitive and selective off/on detection of Fe3+ ion and ascorbic acid in water and urine samples and intracellular imaging in living cells. Talanta, 2018, 183, 122-130.	2.9	105
8	Lanthanum(III) PVC Membrane Electrodes Based on 1,3,5-Trithiacyclohexane. Analytical Chemistry, 2002, 74, 5538-5543.	3.2	100
9	Novel gadolinium poly(vinyl chloride) membrane sensor based on a new Sâ€“N Schiffâ€™s base. Analytica Chimica Acta, 2003, 495, 51-59.	2.6	95
10	Novel terbium(III) sensor based on a new bis-pyrrolidene Schiffâ€™s base. Sensors and Actuators B: Chemical, 2005, 105, 334-339.	4.0	91
11	Paper based colorimetric detection of miRNA-21 using Ag/Pt nanoclusters. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 227, 117529.	2.0	91
12	Colorimetric aptasensor for Campylobacter jejuni cells by exploiting the peroxidase like activity of Au@Pd nanoparticles. Mikrochimica Acta, 2018, 185, 448.	2.5	89
13	A selective optode membrane for silver ion based on fluorescence quenching of the dansylamidopropyl pendant arm derivative of 1-aza-4,7,10-trithiacyclododecane ([12]aneNS3). Sensors and Actuators B: Chemical, 2006, 113, 892-899.	4.0	85
14	Novel fluorimetric bulk optode membrane based on a dansylamidopropyl pendant arm derivative of 1-aza-4,10-dithia-7-oxacyclododecane ([12]aneNS2O) for selective subnanomolar detection of Hg(II) ions. Analytica Chimica Acta, 2005, 533, 17-24.	2.6	84
15	Label free colorimetric and fluorimetric direct detection of methylated DNA based on silver nanoclusters for cancer early diagnosis. Biosensors and Bioelectronics, 2015, 73, 108-113.	5.3	84
16	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. Sensors and Actuators B: Chemical, 2018, 273, 25-34.	4.0	79
17	Label-free fluorescent detection of microRNA-155 based on synthesis of hairpin DNA-templated copper nanoclusters by etching (top-down approach). Sensors and Actuators B: Chemical, 2017, 248, 133-139.	4.0	77
18	Rapid and sensitive detection of hydrogen peroxide in milk by Enzyme-free electrochemiluminescence sensor based on a polypyrrole-cerium oxide nanocomposite. Sensors and Actuators B: Chemical, 2018, 271, 90-96.	4.0	77

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19	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. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 210, 251-259.	2.0	77
20	Highly Selective Iodide Membrane Electrode Based on a Cerium Salen. Analytical Sciences, 2002, 18, 289-292.	0.8	76
21	Novel Gadolinium PVC-Based Membrane Sensor Based on Omeprazole as an Antibiotic. Electroanalysis, 2003, 15, 1038-1042.	1.5	75
22	Novel Dy(III) Sensor Based on a New Bis-Pyrrolidene Schiff's Base. Electroanalysis, 2004, 16, 1771-1776.	1.5	75
23	Fluorescence turn-on sensing of thiamine based on Arginine â€“ functionalized graphene quantum dots (Arg-GQDs): Central composite design for process optimization. Sensors and Actuators B: Chemical, 2018, 255, 2078-2085.	4.0	75
24	A turn-on fluorescent sensor for Zn2+ based on new Schiff's base derivative in aqueous media. Sensors and Actuators B: Chemical, 2014, 198, 411-415.	4.0	73
25	Enhancement of the peroxidase-like activity of cerium-doped ferrite nanoparticles for colorimetric detection of H₂O₂ and glucose. Analytical Methods, 2017, 9, 3519-3524.	1.3	73
26	PVC-BASED 1,3,5-TRITHIANE COATED GRAPHITE ELECTRODE FOR DETERMINATION OF CERIUM(III) IONS. Analytical Letters, 2001, 34, 2249-2261.	1.0	72
27	DNA methylation detection by a novel fluorimetric nanobiosensor for early cancer diagnosis. Biosensors and Bioelectronics, 2014, 60, 35-44.	5.3	72
28	Development of a new fluorimetric bulk optode membrane based on 2,5-thiophenylbis(5-tert-butyl-1,3-benzexazole) for nickel(II) ions. Analytica Chimica Acta, 2004, 501, 55-60.	2.6	71
29	Fluorescence based turn-on strategy for determination of microRNA-155 using DNA-templated copper nanoclusters. Mikrochimica Acta, 2017, 184, 2671-2677.	2.5	70
30	Synthesis of highly intercalated urea-clay nanocomposite via domestic montmorillonite as eco-friendly slow-release fertilizer. Archives of Agronomy and Soil Science, 2017, 63, 84-95.	1.3	65
31	Aptamer-based Colorimetric and Chemiluminescence Detection of Aflatoxin B1 in Foods Samples. Acta Chimica Slovenica, 2015, 62, 721-728.	0.2	61
32	A fluorometric aptamer based assay for cytochrome C using fluorescent graphitic carbon nitride nanosheets. Mikrochimica Acta, 2017, 184, 2157-2163.	2.5	60
33	Polymeric membrane and coated graphite samarium(III)-selective electrodes based on isopropyl 2-[(isopropoxycarbothioyl)disulfanyl]ethanethioate. Analytica Chimica Acta, 2003, 486, 93-99.	2.6	57
34	PVC Membrane and Coated Graphite Potentiometric Sensors Based on Et4todit for Selective Determination of Samarium(III). Analytical Chemistry, 2003, 75, 5680-5686.	3.2	56
35	Determination of zinc(II) ions in waste water samples by a novel zinc sensor based on a new synthesized Schiff's base. Materials Science and Engineering C, 2011, 31, 428-433.	3.8	56
36	Whole cell FRET immunosensor based on graphene oxide and graphene dot for Campylobacter jejuni detection. Food Chemistry, 2020, 309, 125690.	4.2	56

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37	Highly sensitive label-free electrochemiluminescence aptasensor for early detection of myoglobin, a biomarker for myocardial infarction. Mikrochimica Acta, 2017, 184, 3529-3537.	2.5	54
38	Aptamer-based colorimetric determination of Pb²⁺ using a paper-based microfluidic platform. Analytical Methods, 2018, 10, 4438-4444.	1.3	52
39	Ho3+ carbon paste sensor based on multi-walled carbon nanotubes: Applied for determination of holmium content in biological and environmental samples. Materials Science and Engineering C, 2010, 30, 555-560.	3.8	51
40	Rapid restriction enzyme free detection of DNA methyltransferase activity based on DNA-templated silver nanoclusters. Analytical and Bioanalytical Chemistry, 2016, 408, 4311-4318.	1.9	51
41	Oxidase-like Catalytic activity of Cys-AuNCs upon visible light irradiation and its application for visual miRNA detection. Sensors and Actuators B: Chemical, 2018, 273, 1618-1626.	4.0	51
42	PVC Membrane Potentiometric Sensor Based on 5-Pyridino-2,8-dithia[9](2,9)-1,10-phenanthroline- phane for Selective Determination of Neodymium(III). Analytical Chemistry, 2005, 77, 276-283.	3.2	50
43	Selective recognition of monohydrogen phosphate by fluorescence enhancement of a new cerium complex. Analytica Chimica Acta, 2011, 708, 107-110.	2.6	50
44	DNA methyltransferase activity detection based on graphene quantum dots using fluorescence and fluorescence anisotropy. Sensors and Actuators B: Chemical, 2017, 241, 217-223.	4.0	50
45	Fluorescent Turn-on Aptasensor of Staphylococcus aureus Based on the FRET Between Green Carbon Quantum Dot and Gold Nanoparticle. Food Analytical Methods, 2020, 13, 2070-2079.	1.3	50
46	A novel solid-state electrochemiluminescence sensor for detection of cytochrome c based on ceria nanoparticles decoratedÂwith reduced graphene oxide nanocomposite. Analytical and Bioanalytical Chemistry, 2016, 408, 7193-7202.	1.9	49
47	A graphitic carbon nitride (g-C₃N₄/Fe₃O₄) nanocomposite: an efficient electrode material for the electrochemical determination of tramadol in human biological fluids. Analytical Methods, 2019, 11, 2064-2071.	1.3	49
48	Novel Fluorometric Assay for Detection of Cysteine as a Reducing Agent and Template in Formation of Copper Nanoclusters. Journal of Fluorescence, 2017, 27, 529-536.	1.3	48
49	Naked-eye detection of potassium ions in a novel gold nanoparticle aggregation-based aptasensor. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 195, 75-83.	2.0	48
50	A fluorescent aptasensor for sensitive analysis oxytetracycline based on silver nanoclusters. Luminescence, 2016, 31, 1339-1343.	1.5	47
51	Fast and selective whole cell detection of Staphylococcus aureus bacteria in food samples by paper based colorimetric nanobiosensor using peroxidase-like catalytic activity of DNA-Au/Pt bimetallic nanoclusters. Microchemical Journal, 2020, 159, 105475.	2.3	47
52	A novel dichromate-sensitive fluorescent nano-chemosensor using new functionalized SBA-15. Analytica Chimica Acta, 2012, 715, 80-85.	2.6	46
53	A facile one-pot synthesis of cobalt-doped magnetite/graphene nanocomposite as peroxidase mimetics in dopamine detection. New Journal of Chemistry, 2017, 41, 12678-12684.	1.4	46
54	A selective membrane electrode for iodide ion based on a thiopyrilium ion derivative as a new ionophore. Microchemical Journal, 2002, 72, 77-83.	2.3	45

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55	A new fluorescence turn-on nanobiosensor for the detection of micro-RNA-21 based on a DNAâ€“gold nanocluster. Methods and Applications in Fluorescence, 2017, 5, 015005.	1.1	45
56	Sensitive recognition of ethion in food samples using turn-on fluorescenceÂN and S co-doped graphene quantum dots. Analytical Methods, 2018, 10, 1760-1766.	1.3	45
57	Early detection of cell apoptosis by a cytochrome C label-Free electrochemiluminescence aptasensor. Sensors and Actuators B: Chemical, 2018, 257, 87-95.	4.0	45
58	A novel BRCA1 gene deletion detection in human breast carcinoma MCF-7 cells through FRET between quantum dots and silver nanoclusters. Journal of Pharmaceutical and Biomedical Analysis, 2018, 152, 81-88.	1.4	43
59	Novel coated-graphite membrane sensor based on N,Nâ€²-dimethylcyanodiaza-18-crown-6 for the determination of ultra-trace amounts of lead. Analytica Chimica Acta, 2002, 464, 181-186.	2.6	42
60	A new Tb3+-selective fluorescent sensor based on 2-(5-(dimethylamino)naphthalen-1-ylsulfonyl)-N-henylhydrazinecarbothioamide. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2009, 74, 575-578.	2.0	40
61	Colorimetric and energy transfer based fluorometric turn-on method for determination of microRNA using silver nanoclusters and gold nanoparticles. Mikrochimica Acta, 2018, 185, 286.	2.5	40
62	Nickel Ion-Selective Coated Graphite PVC-Membrane Electrode Based on Benzylbis(thiosemicarbazone). Electroanalysis, 2002, 14, 526-531.	1.5	39
63	Fluorometric determination of microRNA via FRET between silver nanoclusters and CdTe quantum dots. Mikrochimica Acta, 2017, 184, 4713-4721.	2.5	39
64	Recent advances in optical biosensors for specific detection of E. coli bacteria in food and water. Food Control, 2022, 135, 108822.	2.8	39
65	A novel permanganate-sensitive fluorescent nano-chemosensor assembled with a new 8-hydroxyquinoline-functionalized SBA-15. Talanta, 2012, 88, 684-688.	2.9	38
66	A Novel Label-Free microRNA-155 Detection on the Basis of Fluorescent Silver Nanoclusters. Journal of Fluorescence, 2015, 25, 925-929.	1.3	38
67	Novel erbium (III)-selective fluorimetric bulk optode. Sensors and Actuators B: Chemical, 2009, 142, 90-96.	4.0	37
68	Selective recognition histidine and tryptophan by enhanced chemiluminescence ZnSe quantum dots. Sensors and Actuators B: Chemical, 2015, 210, 349-354.	4.0	37
69	Recent trends and advancements in electrochemiluminescence biosensors for human virus detection. TrAC - Trends in Analytical Chemistry, 2022, 157, 116727.	5.8	37
70	Standardized percentile curves of body mass index of Iranian children compared to the US population reference. International Journal of Obesity, 1999, 23, 783-786.	1.6	36
71	A colorimetric assay of DNA methyltransferase activity based on peroxidase mimicking of DNA template Ag/Pt bimetallic nanoclusters. Analytical and Bioanalytical Chemistry, 2018, 410, 4943-4952.	1.9	36
72	Cerium functionalized graphene nano-structures and their applications; A review. Environmental Research, 2022, 208, 112685.	3.7	36

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73	A sensitive colorimetric aptasensor with a triple-helix molecular switch based on peroxidase-like activity of a DNAzyme for ATP detection. Analytical Methods, 2017, 9, 4726-4731.	1.3	35
74	Detection of hydrogen peroxide and glucose by using Tb 2 (MoO 4) 3 nanoplates as peroxidase mimics. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 186, 82-88.	2.0	34
75	Enhanced electrochemiluminescence of luminol by an in situ silver nanoparticle-decorated graphene dot for glucose analysis. Analytical Methods, 2018, 10, 508-514.	1.3	34
76	Visual detection of miRNA using peroxidase-like catalytic activity of DNA-CuNCs and methylene blue as indicator. Clinica Chimica Acta, 2018, 483, 119-125.	0.5	34
77	An enhanced electrochemiluminescence sensor modified with a Ru(bpy)32+/Yb2O3 nanoparticle/nafion composite for the analysis of methadone samples. Materials Science and Engineering C, 2017, 76, 483-489.	3.8	33
78	Novel colorimetric sensor based on peroxidase-like activity of chitosan-stabilized Au/Pt nanoclusters for trace lead. Analytical Methods, 2019, 11, 684-690.	1.3	33
79	Determination of terbium in phosphate rock by Tb3+-selective fluorimetric optode based on dansyl derivative as a neutral fluorogenic ionophore. Analytica Chimica Acta, 2010, 664, 172-177.	2.6	32
80	Fabrication and Verification of Conjugated AuNP-Antibody Nanoprobe for Sensitivity Improvement in Electrochemical Biosensors. Scientific Reports, 2017, 7, 16070.	1.6	32
81	A Nanobiosensor Based on Fluorescent DNA-Hosted Silver Nanocluster and HCR Amplification for Detection of MicroRNA Involved in Progression of Multiple Sclerosis. Journal of Fluorescence, 2017, 27, 1679-1685.	1.3	31
82	A Novel Cobalt-Sensitive Fluorescent Chemosensor Based on Ligand Capped CdS Quantum Dots. Journal of Fluorescence, 2015, 25, 613-619.	1.3	30
83	FRET- based immunoassay using CdTe and AuNPs for the detection of OmpW antigen of Vibrio cholerae. Journal of Luminescence, 2017, 192, 932-939.	1.5	30
84	A new colorimetric assay for amylase based on starch-supported Cu/Au nanocluster peroxidase-like activity. Analytical and Bioanalytical Chemistry, 2019, 411, 3621-3629.	1.9	30
85	The number of k-mer matches between two DNA sequences as a function of k and applications to estimate phylogenetic distances. PLoS ONE, 2020, 15, e0228070.	1.1	30
86	Colorimetric biosensor for phenylalanine detection based on a paper using gold nanoparticles for phenylketonuria diagnosis. Microchemical Journal, 2021, 163, 105909.	2.3	30
87	Enhanced peroxidase-like activity of platinum nanoparticles decorated on nickel- and nitrogen-doped graphene nanotubes: colorimetric detection of glucose. Mikrochimica Acta, 2019, 186, 385.	2.5	29
88	A fluorometric study on the effect of DNA methylation on DNA interaction with graphene quantum dots. Methods and Applications in Fluorescence, 2019, 7, 025001.	1.1	29
89	Sensitive detection of S. Aureus using aptamer- and vancomycin -copper nanoclusters as dual recognition strategy. Food Chemistry, 2021, 361, 130137.	4.2	29
90	Enhanced solid-state electrochemiluminescence of Ru(bpy)₃²⁺with nano-CeO₂modified carbon paste electrode and its application in tramadol determination. Analytical Methods, 2015, 7, 1936-1942.	1.3	28

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91	Improvement of versatile peroxidase activity and stability by a cholinium-based ionic liquid. Journal of Molecular Liquids, 2018, 272, 597-608.	2.3	28
92	Pyrophosphate Selective Recognition in Aqueous Solution Based on Fluorescence Enhancement of a New Aluminium Complex. Journal of Fluorescence, 2011, 21, 1509-1513.	1.3	27
93	A selective fluorescent bulk sensor for lutetium based on hexagonal mesoporous structures. Sensors and Actuators B: Chemical, 2013, 184, 93-99.	4.0	26
94	Selective recognition of Glutamate based on fluorescence enhancement of graphene quantum dot. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 136, 1962-1966.	2.0	26
95	Pediatric Emergency Care Applied Research Network (PECARN) prediction rules in identifying high risk children with mild traumatic brain injury. European Journal of Trauma and Emergency Surgery, 2017, 43, 755-762.	0.8	26
96	A new electrochemiluminescence biosensor for the detection of glucose based on polypyrrole/polyluminol/Ni(OH)₂â€“C₃N₄/glucose oxidase-modified graphite electrode. Analytical Methods, 2018, 10, 5723-5730.	1.3	26
97	Sensitive colorimetric aptasensor based on g-C3N4@Cu2O composites for detection of Salmonella typhimurium in food and water. Mikrochimica Acta, 2021, 188, 87.	2.5	26
98	Highly Selective Ratiometric Fluorescent Sensor for La(III) Ion Based on a New Schiff's Base. Analytical Letters, 2009, 42, 1029-1040.	1.0	25
99	Novel selective optode membrane for terbium ion based on fluorescence quenching of the 2-(5-(dimethylamino) naphthalen-1-ylsulfonyl)-N-henylhydrazinecarbothioamid. Sensors and Actuators B: Chemical, 2010, 147, 23-30.	4.0	25
100	Selective recognition of Ni2+ ion based on fluorescence enhancement chemosensor. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 140, 283-287.	2.0	25
101	Sensitive detection of methylated DNA and methyltransferase activity based on the lighting up of FAM-labeled DNA quenched fluorescence by gold nanoparticles. RSC Advances, 2019, 9, 12063-12069.	1.7	25
102	One-pot biosynthesis of CdS quantum dots through in vitro regeneration of hairy roots of Rhaphanus sativus L. And their apoptosis effect on MCF-7 and AGS cancerous human cell lines. Materials Research Express, 2020, 7, 015056.	0.8	25
103	Detection of large deletion in human BRCA1 gene in human breast carcinoma MCF-7 cells by using DNA-Silver Nanoclusters. Methods and Applications in Fluorescence, 2018, 6, 015001.	1.1	24
104	Paper-based chemiluminescence and colorimetric detection of cytochrome c by cobalt hydroxide decorated mesoporous carbon. Microchemical Journal, 2020, 157, 104991.	2.3	24
105	Highly selective ratiometric fluorescence determination of Eu3+ ion based on (4E)-4-(2-phenyldiazenyl)-2-((E)-(2-aminoethylimino)methyl)phenol. Materials Science and Engineering C, 2010, 30, 929-933.	3.8	23
106	A novel solid-state electrochemiluminescence sensor based on a Ru(bpy)₃²⁺/nano Sm₂O₃modified carbon paste electrode for the determination of<scp>l</scp>-proline. RSC Advances, 2015, 5, 64669-64674.	1.7	23
107	Fluorescence immunoassay based on nitrogen doped carbon dots for the detection of human nuclear matrix protein NMP22 as biomarker for early stage diagnosis of bladder cancer. Microchemical Journal, 2020, 157, 104966.	2.3	23
108	Determination of Hg(II) ions in water samples by a novel Hg(II) sensor, based on calix[4]arene derivative. International Journal of Environmental Analytical Chemistry, 2009, 89, 407-422.	1.8	22

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109	Copper nanoclusterâ€enhanced luminol chemiluminescence for highâ€selectivity sensing of tryptophan and phenylalanine. Luminescence, 2017, 32, 1045-1050.	1.5	22
110	The effects of smoking on treatment outcome in patients newly diagnosed with pulmonary tuberculosis. International Journal of Tuberculosis and Lung Disease, 2017, 21, 351-356.	0.6	22
111	The relation of body mass index and blood pressure in Iranian children and adolescents aged 7-18 years old. Iranian Journal of Public Health, 2010, 39, 126-34.	0.3	22
112	Lanthanide recognition: A dysprosium(III) selective fluorimetric bulk optode. Sensors and Actuators B: Chemical, 2012, 171-172, 644-651.	4.0	21
113	Sequence variation in mitochondrial cox1 and nad1 genes of ascaridoid nematodes in cats and dogs from Iran. Journal of Helminthology, 2015, 89, 496-501.	0.4	21
114	Fast Removal of Methylene Blue from Aqueous Solution Using Magnetic-Modified Fe3O4 Nanoparticles. Journal of Environmental Engineering, ASCE, 2015, 141, .	0.7	21
115	Disulfide-induced self-assembled targets: A novel strategy for the label free colorimetric detection of DNAs/RNAs via unmodified gold nanoparticles. Scientific Reports, 2017, 7, 45837.	1.6	21
116	An Electrochemical Biosensor Based on AuNP-Modified Gold Electrodes for Selective Determination of Serum Levels of Osteocalcin. IEEE Sensors Journal, 2017, 17, 3367-3374.	2.4	21
117	An enhancement of luminol chemiluminescence by cobalt hydroxide decorated porous graphene and its application in glucose analysis. Analytical Methods, 2019, 11, 1346-1352.	1.3	21
118	A fluorescence-readout method for miRNA-155 detection with double-hairpin molecular beacon based on quadruplex DNA structure. Microchemical Journal, 2020, 158, 105277.	2.3	21
119	Determination of zinc in water samples by flame atomic absorption spectrometry after homogeneous liquid-liquid extraction. Journal of Analytical Chemistry, 2011, 66, 612-617.	0.4	20
120	Selective recognition of acetate ion based on fluorescence enhancement chemosensor. Luminescence, 2012, 27, 341-345.	1.5	20
121	Enhanced chemiluminescence CdSe quantum dots by histidine and tryptophan. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 132, 629-633.	2.0	20
122	Metal-Chelate Immobilization of Lipase onto Polyethylenimine Coated MCM-41 for Apple Flavor Synthesis. Applied Biochemistry and Biotechnology, 2017, 182, 1371-1389.	1.4	20
123	New Colorimetric DNA Sensor for Detection of Campylobacter jejuni in Milk Sample Based on Peroxidaseâ€Like Activity of Gold/Platinium Nanocluster. ChemistrySelect, 2019, 4, 11687-11692.	0.7	20
124	Virus-directed synthesis of emitting copper nanoclusters as an approach to simple tracer preparation for the detection of Citrus Tristeza Virus through the fluorescence anisotropy immunoassay. Sensors and Actuators B: Chemical, 2020, 321, 128634.	4.0	20
125	Fluorescence enhancement of silver nanocluster at intrastrand of a 12C-loop in presence of methylated region of sept 9 promoter. Analytica Chimica Acta, 2018, 1038, 157-165.	2.6	19
126	A novel dual-mode and label-free aptasensor based methodology for breast cancer tissue marker targeting. Sensors and Actuators B: Chemical, 2020, 315, 128084.	4.0	19

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127	Growth of children in Iran. Annals of Human Biology, 1998, 25, 249-261.	0.4	18
128	Growth charts for Iran. Annals of Human Biology, 1998, 25, 237-247.	0.4	18
129	A novel ratiometric fluorescent Yb3+ sensor based on a Nâ€²-(1-oxoacenaphthylen-2(1H)-ylidene)furan-2-carbohydrazide as a suitable fluorophore. Materials Science and Engineering C, 2010, 30, 348-351.	3.8	18
130	A novel europium-sensitive fluorescent nano-chemosensor based on new functionalized magnetic coreâ€“shell Fe3O4@SiO2 nanoparticles. Talanta, 2013, 115, 271-276.	2.9	18
131	An Apta-Biosensor for Colon Cancer Diagnostics. Sensors, 2015, 15, 22291-22303.	2.1	18
132	Sensitive Nonenzymatic Electrochemiluminescence Determination of Hydrogen Peroxide in Dental Products using a Polypyrrole/Polyluminol/Titanium Dioxide Nanocomposite. Analytical Letters, 2019, 52, 633-648.	1.0	18
133	Selective recognition of Pr3+ based on fluorescence enhancement sensor. Materials Science and Engineering C, 2013, 33, 4140-4143.	3.8	17
134	Rapid pre-symptomatic recognition of tristeza viral RNA by a novel fluorescent self-dimerized DNAâ€“silver nanocluster probe. RSC Advances, 2016, 6, 99437-99443.	1.7	17
135	Blood pressure percentiles by age and height for children and adolescents in Tehran, Iran. Journal of Human Hypertension, 2016, 30, 268-277.	1.0	17
136	A biophysical study on the mechanism of interactions of DOX or PTX with Î±-lactalbumin as a delivery carrier. Scientific Reports, 2018, 8, 17345.	1.6	17
137	A New Eye Dual-readout Method for MiRNA Detection based on Dissolution of Gold nanoparticles via LSPR by CdTe QDs Photoinduction. Scientific Reports, 2019, 9, 5453.	1.6	17
138	An Ultrasensitive ECL Sensor Based on Conducting Polymer/Electrochemically Reduced Graphene Oxide for Nonâ€Enzymatic Detection in Biological Samples. ChemistrySelect, 2020, 5, 5330-5336.	0.7	17
139	PVC Membrane and Coated Graphite Potentiometric Sensors Based on Dibenzoâ€21â€Crownâ€7 for Selective Determination of Rubidium Ions. Analytical Letters, 2005, 38, 573-588.	1.0	16
140	Fluorescence â€œTurn-Onâ€•chemosensor for the selective detection of beryllium. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 83, 161-164.	2.0	16
141	Selective recognition of dysprosium(III) ions by enhanced chemiluminescence CdSe quantum dots. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 121, 116-120.	2.0	16
142	Detection of p53 Gene Mutation (Single-Base Mismatch) Using a Fluorescent Silver Nanoclusters. Journal of Fluorescence, 2017, 27, 1443-1448.	1.3	16
143	Rapid prototyping of microfluidic chips using laser-cut double-sided tape for electrochemical biosensors. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2017, 39, 1469-1477.	0.8	16
144	An approach toward miRNA detectionviadifferent thermo-responsive aggregation/disaggregation of CdTe quantum dots. RSC Advances, 2018, 8, 30148-30154.	1.7	16

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145	Enhanced electrochemiluminescence of Ru(bpy)32+ by Sm2O3 nanoparticles decorated graphitic carbon nitride nano-sheets for pyridoxine analysis. Inorganic Chemistry Communication, 2019, 106, 240-247.	1.8	16
146	A sensitive signal-on electrochemiluminescence sensor based on a nanocomposite of polypyrrole-Gd2O3 for the determination of L-cysteine in biological fluids. Mikrochimica Acta, 2020, 187, 398.	2.5	16
147	A novel Lu3+ fluorescent nano-chemosensor using new functionalized mesoporous structures. Analytica Chimica Acta, 2013, 771, 95-101.	2.6	15
148	Selective Recognition of Mercury in Waste Water Based on Fluorescence Enhancement Chemosensor. Sensor Letters, 2010, 8, 807-812.	0.4	15
149	Development of sandwich electrochemiluminescence immunosensor for COVID-19 diagnosis by SARS-CoV-2 spike protein detection based on Au@BSA-luminol nanocomposites. Bioelectrochemistry, 2022, 147, 108161.	2.4	15
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