

# Morteza Hosseini

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/3110120/morteza-hosseini-publications-by-year.pdf>

**Version:** 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

214  
papers

5,010  
citations

39  
h-index

56  
g-index

224  
ext. papers

5,838  
ext. citations

4.5  
avg, IF

6.19  
L-index

#	Paper	IF	Citations
214	Recent advances in optical biosensors for specific detection of E. coli bacteria in food and water. <i>Food Control</i> , <b>2022</b> , 135, 108822	6.2	4
213	Cerium functionalized graphene nano-structures and their applications; A review.. <i>Environmental Research</i> , <b>2022</b> , 208, 112685	7.9	5
212	Turn -on FRET-based cysteine sensor by sulfur-doped carbon dots and Au nanoparticles decorated WS nanosheet.. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2022</b> , 272, 120903	4.4	0
211	Graphene-based devices for cancer diagnosis <b>2022</b> , 225-243		1
210	Early detection of lung cancer biomarkers through biosensor <b>2022</b> , 85-96		
209	Colorimetric technique-based biosensors for early detection of cancer <b>2022</b> , 153-163		0
208	Novel paper-based diagnostic devices for early detection of cancer <b>2022</b> , 285-301		
207	Nanotechnology in Food Security and Quality <b>2022</b> , 129-138		
206	Paper-Based Devices for the Detection of Food-Related Analyte <b>2022</b> , 89-108		
205	Optical Detection of Targets for Food Quality Assessment <b>2022</b> , 109-128		
204	Smart fluorescence aptasensor using nanofiber functionalized with carbon quantum dot for specific detection of pathogenic bacteria in the wound.. <i>Talanta</i> , <b>2022</b> , 246, 123454	6.2	1
203	The synthesis of Pt doped WO nanosheets and application on colorimetric detection of cysteine by naked eye using response surface methodology for optimization.. <i>Environmental Research</i> , <b>2022</b> , 113246	7.9	0
202	Fluorescence turn-on detection of miRNA-155 based on hybrid Ce-MOF/ PtNPs /graphene oxide serving as fluorescence quencher. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2022</b> , 429, 113943	4.7	0
201	Carbon nanomaterial-based sensors for wearable health and environmental monitoring <b>2022</b> , 247-258		1
200	Microfluidic systems with amperometric and voltammetric detection and paper-based sensors and biosensors <b>2022</b> , 275-287		
199	Carbon nanomaterials-based sensors for biomedical applications <b>2022</b> , 59-75		2
198	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

197 Chemiluminescence Sensors in Bioanalysis **2022**,

196 Biomarker sensing using luminescent metal nanoclusters **2022**, 435-464

195 Nanoengineered Aptamer Assisted Strategies for the Detection of Foodborne Pathogens **2022**, 47-68

194 Environmental applications of luminescent metal nanoclusters **2022**, 465-491

193 Colorimetric biosensor for phenylalanine detection based on a paper using gold nanoparticles for phenylketonuria diagnosis. *Microchemical Journal*, **2021**, 163, 105909 4.8 5

192 Green Synthesis of Carbon Quantum Dots Doped on Nickel Oxide Nanoparticles as Recyclable Visible Light Photocatalysts for Enhanced Degradation of Malachite Green. *ChemistrySelect*, **2021**, 6, 5034-5042 1.8 1

191 New insight into G-quadruplexes; diagnosis application in cancer. *Analytical Biochemistry*, **2021**, 620, 114149 3.49 3

190 Fluorimetric detection of methylated DNA of Sept9 promoter by silver nanoclusters at intrastrand 6C-loop. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2021**, 247, 119081 4.4 3

189 A fluorescent aptasensor based on copper nanoclusters for optical detection of CD44 exon v10, an important isoform in metastatic breast cancer. *Analytical Methods*, **2021**, 13, 3837-3844 3.2 0

188 Sensitive colorimetric aptasensor based on g-CN@CuO composites for detection of Salmonella typhimurium in food and water. *Mikrochimica Acta*, **2021**, 188, 87 5.8 9

187 A ratiometric fluorescence and colorimetric dual-mode assay for miRNA-155 based on Ce-decorated boron nitride nanosheets. *Microchemical Journal*, **2021**, 168, 106346 4.8 2

186 Sensitive detection of S. Aureus using aptamer- and vancomycin -copper nanoclusters as dual recognition strategy. *Food Chemistry*, **2021**, 361, 130137 8.5 6

185 An Ultrasensitive ECL Sensor Based on Conducting Polymer/Electrochemically Reduced Graphene Oxide for Non-Enzymatic Detection in Biological Samples. *ChemistrySelect*, **2020**, 5, 5330-5336 1.8 10

184 Paper-based chemiluminescence and colorimetric detection of cytochrome c by cobalt hydroxide decorated mesoporous carbon. *Microchemical Journal*, **2020**, 157, 104991 4.8 12

183 A sensitive signal-on electrochemiluminescence sensor based on a nanocomposite of polypyrrole-GdO for the determination of L-cysteine in biological fluids. *Mikrochimica Acta*, **2020**, 187, 398 5.8 7

182 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 3.7 14

181 A label-free luminescent light switching system for miRNA detection based on two color quantum dots. *Journal of Photochemistry and Photobiology A: Chemistry*, **2020**, 391, 112351 4.7 6

180 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 4.8 12

179	Whole cell FRET immunosensor based on graphene oxide and graphene dot for <i>Campylobacter jejuni</i> detection. <i>Food Chemistry</i> , <b>2020</b> , 309, 125690	8.5	32
178	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
177	One-pot biosynthesis of CdS quantum dots through in vitro regeneration of hairy roots of <i>Rhaphanus sativus</i> L. And their apoptosis effect on MCF-7 and AGS cancerous human cell lines. <i>Materials Research Express</i> , <b>2020</b> , 7, 015056	1.7	14
176	Fast and selective whole cell detection of <i>Staphylococcus aureus</i> bacteria in food samples by paper based colorimetric nanobiosensor using peroxidase-like catalytic activity of DNA-Au/Pt bimetallic nanoclusters. <i>Microchemical Journal</i> , <b>2020</b> , 159, 105475	4.8	17
175	Synthesis of Magnetic Silk Nanostructures with Peroxidase-Like Activity as an Approach for the Detection of Glucose. <i>ChemistrySelect</i> , <b>2020</b> , 5, 8093-8098	1.8	2
174	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. <i>Sensors and Actuators B: Chemical</i> , <b>2020</b> , 321, 128634	8.5	11
173	Fluorescent Turn-on Aptasensor of <i>Staphylococcus aureus</i> 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
172	A fluorescence-readout method for miRNA-155 detection with double-hairpin molecular beacon based on quadruplex DNA structure. <i>Microchemical Journal</i> , <b>2020</b> , 158, 105277	4.8	12
171	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
170	Improved Performance for Acyclovir Sensing in the Presence of Deep Eutectic Solvent and Nanostructures and Polymer. <i>IEEE Sensors Journal</i> , <b>2020</b> , 20, 623-630	4	4
169	10th Royan Institute's International Summer School on "Molecular Biomedicine: From Diagnostics to Therapeutics". <i>BioEssays</i> , <b>2020</b> , 42, e2000042	4.1	3
168	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
167	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
166	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
165	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
164	Evaluation of Versatile Peroxidase Activity and Conformation in the Presence of a Hydrated Urea Based Deep Eutectic Solvent. <i>Journal of Solution Chemistry</i> , <b>2019</b> , 48, 689-701	1.8	3
163	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
162	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

161	A new colorimetric assay for amylase based on starch-supported Cu/Au nanocluster peroxidase-like activity. <i>Analytical and Bioanalytical Chemistry</i> , <b>2019</b> , 411, 3621-3629	4.4	19
160	A New Eye Dual-readout Method for MiRNA Detection based on Dissolution of Gold nanoparticles via LSPR by CdTe QDs Photoinduction. <i>Scientific Reports</i> , <b>2019</b> , 9, 5453	4.9	13
159	Sensitive detection of methylated DNA and methyltransferase activity based on the lighting up of FAM-labeled DNA quenched fluorescence by gold nanoparticles.. <i>RSC Advances</i> , <b>2019</b> , 9, 12063-12069	3.7	13
158	A fluorescence nanobiosensor for detection of <i>Campylobacter jejuni</i> DNA in milk based on Au/Ag bimetallic nanoclusters. <i>Journal of Food Measurement and Characterization</i> , <b>2019</b> , 13, 1797-1804	2.8	2
157	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>	2.2	31
156	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
155	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
154	Application of Graphene Materials in Molecular Diagnostics <b>2019</b> , 535-560		
153	New Colorimetric DNA Sensor for Detection of <i>Campylobacter jejuni</i> in Milk Sample Based on Peroxidase-Like Activity of Gold/Platinum Nanocluster. <i>ChemistrySelect</i> , <b>2019</b> , 4, 11687-11692	1.8	10
152	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
151	Efficient removal of Malachite Green from aqueous solution by adsorption on carbon nanotubes modified with ZnFe <sub>2</sub> O <sub>4</sub> nanoparticles. <i>Journal of the Serbian Chemical Society</i> , <b>2019</b> , 84, 701-712	0.9	5
150	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
149	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
148	A fluorometric study on the effect of DNA methylation on DNA interaction with graphene quantum dots. <i>Methods and Applications in Fluorescence</i> , <b>2019</b> , 7, 025001	3.1	16
147	Naked-eye detection of potassium ions in a novel gold nanoparticle aggregation-based aptasensor. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2018</b> , 195, 75-83	4.4	35
146	Facile preparation and characterization of new green emitting carbon dots for sensitive and selective off/on detection of Fe ion and ascorbic acid in water and urine samples and intracellular imaging in living cells. <i>Talanta</i> , <b>2018</b> , 183, 122-130	6.2	82
145	A novel BRCA1 gene deletion detection in human breast carcinoma MCF-7 cells through FRET between quantum dots and silver nanoclusters. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2018</b> , 152, 81-88	3.5	34
144	Enhanced electrochemiluminescence of luminol by an in situ silver nanoparticle-decorated graphene dot for glucose analysis. <i>Analytical Methods</i> , <b>2018</b> , 10, 508-514	3.2	25

143	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
142	A selective colorimetric and fluorescence chemosensing sensor for Cr <sup>3+</sup> based on a rhodamine base derivative. <i>Research on Chemical Intermediates</i> , <b>2018</b> , 44, 5031-5042	2.8	3
141	Sensitive recognition of ethion in food samples using turn-on fluorescence N and S co-doped graphene quantum dots. <i>Analytical Methods</i> , <b>2018</b> , 10, 1760-1766	3.2	31
140	Recent advances in biosensor technology in assessment of early diabetes biomarkers. <i>Biosensors and Bioelectronics</i> , <b>2018</b> , 99, 122-135	11.8	94
139	Early detection of cell apoptosis by a cytochrome C label-free electrochemiluminescence aptasensor. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 257, 87-95	8.5	35
138	Fluorescence turn-on sensing of thiamine based on Arginine $\Gamma$ functionalized graphene quantum dots (Arg-GQDs): Central composite design for process optimization. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 255, 2078-2085	8.5	52
137	DNA-Templated Silver Nanoclusters for DNA Methylation Detection. <i>Methods in Molecular Biology</i> , <b>2018</b> , 1811, 173-182	1.4	3
136	Ratiometric fluorescence biosensor based on DNA/miRNA duplex@CdTe QDs and oxidized luminol as a fluorophore for miRNA detection. <i>Journal of Luminescence</i> , <b>2018</b> , 204, 16-23	3.8	8
135	Oxidase-like Catalytic activity of Cys-AuNCs upon visible light irradiation and its application for visual miRNA detection. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 273, 1618-1626	8.5	34
134	Fluorescence enhancement of silver nanocluster at intrastrand of a 12C-loop in presence of methylated region of sept 9 promoter. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1038, 157-165	6.6	16
133	Colorimetric and energy transfer based fluorometric turn-on method for determination of microRNA using silver nanoclusters and gold nanoparticles. <i>Mikrochimica Acta</i> , <b>2018</b> , 185, 286	5.8	33
132	An approach toward miRNA detection different thermo-responsive aggregation/disaggregation of CdTe quantum dots.. <i>RSC Advances</i> , <b>2018</b> , 8, 30148-30154	3.7	12
131	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
130	A new electrochemiluminescence biosensor for the detection of glucose based on polypyrrole/polyluminol/Ni(OH) <sub>2</sub> /3N4/glucose oxidase-modified graphite electrode. <i>Analytical Methods</i> , <b>2018</b> , 10, 5723-5730	3.2	17
129	A biophysical study on the mechanism of interactions of DOX or PTX with $\Gamma$ actalbumin as a delivery carrier. <i>Scientific Reports</i> , <b>2018</b> , 8, 17345	4.9	12
128	Improvement of versatile peroxidase activity and stability by a cholinium-based ionic liquid. <i>Journal of Molecular Liquids</i> , <b>2018</b> , 272, 597-608	6	16
127	Sensitive Determination of Acyclovir in Biological and Pharmaceutical Samples Based on Polymeric Film Decorated with Nanomaterials on Nanoporous Glassy Carbon Electrode. <i>Journal of the Electrochemical Society</i> , <b>2018</b> , 165, B632-B637	3.9	11
126	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

125	Colorimetric aptasensor for <i>Campylobacter jejuni</i> cells by exploiting the peroxidase like activity of Au@Pd nanoparticles. <i>Mikrochimica Acta</i> , <b>2018</b> , 185, 448	5.8	59
124	Aptamer-based colorimetric determination of Pb <sup>2+</sup> using a paper-based microfluidic platform. <i>Analytical Methods</i> , <b>2018</b> , 10, 4438-4444	3.2	35
123	Rapid and sensitive detection of hydrogen peroxide in milk by Enzyme-free electrochemiluminescence sensor based on a polypyrrole-cerium oxide nanocomposite. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 271, 90-96	8.5	47
122	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
121	Lanthanide materials as chemosensors <b>2018</b> , 411-454		4
120	Synthesis of highly intercalated urea-clay nanocomposite via domestic montmorillonite as eco-friendly slow-release fertilizer. <i>Archives of Agronomy and Soil Science</i> , <b>2017</b> , 63, 84-95	2	35
119	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
118	The effects of smoking on treatment outcome in patients newly diagnosed with pulmonary tuberculosis. <i>International Journal of Tuberculosis and Lung Disease</i> , <b>2017</b> , 21, 351-356	2.1	16
117	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
116	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
115	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
114	Disulfide-induced self-assembled targets: A novel strategy for the label free colorimetric detection of DNAs/RNAs via unmodified gold nanoparticles. <i>Scientific Reports</i> , <b>2017</b> , 7, 45837	4.9	15
113	Detection of p53 Gene Mutation (Single-Base Mismatch) Using a Fluorescent Silver Nanoclusters. <i>Journal of Fluorescence</i> , <b>2017</b> , 27, 1443-1448	2.4	14
112	A Nanobiosensor Based on Fluorescent DNA-Hosted Silver Nanocluster and HCR Amplification for Detection of MicroRNA Involved in Progression of Multiple Sclerosis. <i>Journal of Fluorescence</i> , <b>2017</b> , 27, 1679-1685	2.4	17
111	Fluorescence based turn-on strategy for determination of microRNA-155 using DNA-templated copper nanoclusters. <i>Mikrochimica Acta</i> , <b>2017</b> , 184, 2671-2677	5.8	59
110	Pediatric Emergency Care Applied Research Network (PECARN) prediction rules in identifying high risk children with mild traumatic brain injury. <i>European Journal of Trauma and Emergency Surgery</i> , <b>2017</b> , 43, 755-762	2.3	22
109	Detection of hydrogen peroxide and glucose by using Tb(MoO) nanoplates as peroxidase mimics. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2017</b> , 186, 82-88	4.4	28
108	Enhancement of the peroxidase-like activity of cerium-doped ferrite nanoparticles for colorimetric detection of H <sub>2</sub> O <sub>2</sub> and glucose. <i>Analytical Methods</i> , <b>2017</b> , 9, 3519-3524	3.2	53

107	Label-free fluorescent detection of microRNA-155 based on synthesis of hairpin DNA-templated copper nanoclusters by etching (top-down approach). <i>Sensors and Actuators B: Chemical</i> , <b>2017</b> , 248, 133-139	8.5	61
106	An Electrochemical Biosensor Based on AuNP-Modified Gold Electrodes for Selective Determination of Serum Levels of Osteocalcin. <i>IEEE Sensors Journal</i> , <b>2017</b> , 17, 3367-3374	4	15
105	An enhanced electrochemiluminescence sensor modified with a Ru(bpy)/YbO nanoparticle/nafion composite for the analysis of methadone samples. <i>Materials Science and Engineering C</i> , <b>2017</b> , 76, 483-489	8.3	22
104	A facile one-pot synthesis of cobalt-doped magnetite/graphene nanocomposite as peroxidase mimetics in dopamine detection. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 12678-12684	3.6	38
103	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
102	Detection of large deletion in human BRCA1 gene in human breast carcinoma MCF-7 cells by using DNA-Silver Nanoclusters. <i>Methods and Applications in Fluorescence</i> , <b>2017</b> , 6, 015001	3.1	17
101	Study on the Interaction of the CpG Alternating DNA with CdTe Quantum Dots. <i>Journal of Fluorescence</i> , <b>2017</b> , 27, 2059-2068	2.4	4
100	FRET- based immunoassay using CdTe and AuNPs for the detection of OmpW antigen of Vibrio cholerae. <i>Journal of Luminescence</i> , <b>2017</b> , 192, 932-939	3.8	23
99	A sensitive colorimetric aptasensor with a triple-helix molecular switch based on peroxidase-like activity of a DNAzyme for ATP detection. <i>Analytical Methods</i> , <b>2017</b> , 9, 4726-4731	3.2	27
98	Fabrication and Verification of Conjugated AuNP-Antibody Nanoprobe for Sensitivity Improvement in Electrochemical Biosensors. <i>Scientific Reports</i> , <b>2017</b> , 7, 16070	4.9	20
97	Highly sensitive label-free electrochemiluminescence aptasensor for early detection of myoglobin, a biomarker for myocardial infarction. <i>Mikrochimica Acta</i> , <b>2017</b> , 184, 3529-3537	5.8	39
96	Novel Fluorometric Assay for Detection of Cysteine as a Reducing Agent and Template in Formation of Copper Nanoclusters. <i>Journal of Fluorescence</i> , <b>2017</b> , 27, 529-536	2.4	43
95	DNA methyltransferase activity detection based on graphene quantum dots using fluorescence and fluorescence anisotropy. <i>Sensors and Actuators B: Chemical</i> , <b>2017</b> , 241, 217-223	8.5	42
94	FRET-based aptamer biosensor for selective and sensitive detection of aflatoxin B1 in peanut and rice. <i>Food Chemistry</i> , <b>2017</b> , 220, 527-532	8.5	155
93	Rapid prototyping of microfluidic chips using laser-cut double-sided tape for electrochemical biosensors. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , <b>2017</b> , 39, 1469-1477	2	9
92	A Multiplexed Microfluidic Platform for Bone Marker Measurement: A Proof-of-Concept. <i>Micromachines</i> , <b>2017</b> , 8, 133	3.3	10
91	Synthesis of Fluorescent Cysteine-gold Nano-clusters (Cys-Au-NCs) and their Application as Nano-biosensors for the Determination of Cysteine. <i>Current Nanoscience</i> , <b>2017</b> , 13,	1.4	7
90	A novel solid-state electrochemiluminescence sensor for detection of cytochrome c based on ceria nanoparticles decorated with reduced graphene oxide nanocomposite. <i>Analytical and Bioanalytical Chemistry</i> , <b>2016</b> , 408, 7193-202	4.4	39



89	Rapid pre-symptomatic recognition of tristetza viral RNA by a novel fluorescent self-dimerized DNA/silver nanocluster probe. <i>RSC Advances</i> , <b>2016</b> , 6, 99437-99443	3.7	17
88	Blood pressure percentiles by age and height for children and adolescents in Tehran, Iran. <i>Journal of Human Hypertension</i> , <b>2016</b> , 30, 268-77	2.6	12
87	Neural stem/progenitor cell transplantation for spinal cord injury treatment; A systematic review and meta-analysis. <i>Neuroscience</i> , <b>2016</b> , 322, 377-97	3.9	92
86	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
85	Synthesis and Assessment of DNA/Silver Nanoclusters Probes for Optimal and Selective Detection of Tristetza Virus Mild Strains. <i>Journal of Fluorescence</i> , <b>2016</b> , 26, 1795-803	2.4	10
84	A fluorescent aptasensor for sensitive analysis oxytetracycline based on silver nanoclusters. <i>Luminescence</i> , <b>2016</b> , 31, 1339-1343	2.5	31
83	Rapid restriction enzyme free detection of DNA methyltransferase activity based on DNA-templated silver nanoclusters. <i>Analytical and Bioanalytical Chemistry</i> , <b>2016</b> , 408, 4311-8	4.4	46
82	Spectroscopic Study of CpG Alternating DNA-Methylene Blue Interaction for Methylation Detection. <i>Journal of Fluorescence</i> , <b>2016</b> , 26, 1123-9	2.4	7
81	Cigarette smoking in patients newly diagnosed with pulmonary tuberculosis in Iran. <i>International Journal of Tuberculosis and Lung Disease</i> , <b>2016</b> , 20, 679-84	2.1	6
80	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
79	A Novel Cobalt-Sensitive Fluorescent Chemosensor Based on Ligand Capped CdS Quantum Dots. <i>Journal of Fluorescence</i> , <b>2015</b> , 25, 613-9	2.4	26
78	Sequence variation in mitochondrial cox1 and nad1 genes of ascaridoid nematodes in cats and dogs from Iran. <i>Journal of Helminthology</i> , <b>2015</b> , 89, 496-501	1.6	17
77	Enhanced solid-state electrochemiluminescence of Ru(bpy) <sub>3</sub> <sup>2+</sup> with nano-CeO <sub>2</sub> modified carbon paste electrode and its application in tramadol determination. <i>Analytical Methods</i> , <b>2015</b> , 7, 1936-1942	3.2	23
76	Fast Removal of Methylene Blue from Aqueous Solution Using Magnetic-Modified Fe <sub>3</sub> O <sub>4</sub> Nanoparticles. <i>Journal of Environmental Engineering, ASCE</i> , <b>2015</b> , 141, 04014049	2	14
75	Turn-on fluorescent chemosensor for determination of lutetium ion. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2015</b> , 137, 1231-4	4.4	10
74	The comparison of serum vaspin and visfatin concentrations in obese and normal weight women. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , <b>2015</b> , 9, 320-3	8.9	10
73	Selective recognition of Glutamate based on fluorescence enhancement of graphene quantum dot. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2015</b> , 136 Pt C, 1962-6	4.4	20
72	An Apt-Biosensor for Colon Cancer Diagnostics. <i>Sensors</i> , <b>2015</b> , 15, 22291-303	3.8	12

71	A Novel Label-Free microRNA-155 Detection on the Basis of Fluorescent Silver Nanoclusters. <i>Journal of Fluorescence</i> , <b>2015</b> , 25, 925-9	2.4	31
70	Label free colorimetric and fluorimetric direct detection of methylated DNA based on silver nanoclusters for cancer early diagnosis. <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 73, 108-113	11.8	77
69	Sensitive determination of carbidopa through the electrochemiluminescence of luminol at graphene-modified electrodes. <i>Luminescence</i> , <b>2015</b> , 30, 376-81	2.5	8
68	Selective recognition of Ni <sup>2+</sup> ion based on fluorescence enhancement chemosensor. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2015</b> , 140, 283-7	4.4	22
67	Selective recognition histidine and tryptophan by enhanced chemiluminescence ZnSe quantum dots. <i>Sensors and Actuators B: Chemical</i> , <b>2015</b> , 210, 349-354	8.5	35
66	Aptamer-based Colorimetric and Chemiluminescence Detection of Aflatoxin B1 in Foods Samples. <i>Acta Chimica Slovenica</i> , <b>2015</b> , 62, 721-8	1.9	54
65	DNA methylation detection by a novel fluorimetric nanobiosensor for early cancer diagnosis. <i>Biosensors and Bioelectronics</i> , <b>2014</b> , 60, 35-44	11.8	61
64	Assessing the Effectiveness AND Cost-Effectiveness of Audit and Feedback on Physician's Prescribing Indicators. <i>Value in Health</i> , <b>2014</b> , 17, A797	3.3	1
63	Enhanced chemiluminescence CdSe quantum dots by histidine and tryptophan. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2014</b> , 132, 629-33	4.4	20
62	Holmium(III)-selective fluorimetric optode based on N,N-bis(salicylidene)-naphthylene-1,8-diamine as a neutral fluorogenic ionophore. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2014</b> , 121, 224-9	4.4	7
61	A turn-on fluorescent sensor for Zn <sup>2+</sup> based on new Schiff's base derivative in aqueous media. <i>Sensors and Actuators B: Chemical</i> , <b>2014</b> , 198, 411-415	8.5	68
60	Selective recognition of dysprosium(III) ions by enhanced chemiluminescence CdSe quantum dots. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2014</b> , 121, 116-20	4.4	15
59	A selective fluorescent bulk sensor for lutetium based on hexagonal mesoporous structures. <i>Sensors and Actuators B: Chemical</i> , <b>2013</b> , 184, 93-99	8.5	23
58	A novel Lu <sup>3+</sup> fluorescent nano-chemosensor using new functionalized mesoporous structures. <i>Analytica Chimica Acta</i> , <b>2013</b> , 771, 95-101	6.6	13
57	A novel europium-sensitive fluorescent nano-chemosensor based on new functionalized magnetic core-shell Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> nanoparticles. <i>Talanta</i> , <b>2013</b> , 115, 271-6	6.2	18
56	Selective recognition of Pr <sup>3+</sup> based on fluorescence enhancement sensor. <i>Materials Science and Engineering C</i> , <b>2013</b> , 33, 4140-3	8.3	11
55	The fast peroxyoxalate-chemiluminescence of 3-1-aza-4,10-dithia-7-oxacyclododecane as a novel fluorophore. <i>Journal of Luminescence</i> , <b>2012</b> , 132, 2126-2129	3.8	6
54	A highly selective fluorescent probe for pyrophosphate detection in aqueous solutions. <i>Luminescence</i> , <b>2012</b> , 27, 20-3	2.5	14

53	A novel permanganate-sensitive fluorescent nano-chemosensor assembled with a new 8-hydroxyquinoline-functionalized SBA-15. <i>Talanta</i> , <b>2012</b> , 88, 684-8	6.2	33
52	A novel dichromate-sensitive fluorescent nano-chemosensor using new functionalized SBA-15. <i>Analytica Chimica Acta</i> , <b>2012</b> , 715, 80-5	6.6	41
51	Lanthanide recognition: A dysprosium(III) selective fluorimetric bulk optode. <i>Sensors and Actuators B: Chemical</i> , <b>2012</b> , 171-172, 644-651	8.5	17
50	Selective recognition of acetate ion based on fluorescence enhancement chemosensor. <i>Luminescence</i> , <b>2012</b> , 27, 341-5	2.5	17
49	1425 The Relationship of Objective Measure of Sleep Pattern and its Association with Obesity in Primary School Children in Tehran City. <i>Archives of Disease in Childhood</i> , <b>2012</b> , 97, A405-A406	2.2	
48	Selective recognition of monohydrogen phosphate by fluorescence enhancement of a new cerium complex. <i>Analytica Chimica Acta</i> , <b>2011</b> , 708, 107-10	6.6	44
47	Fluorescence "Turn-On" chemosensor for the selective detection of beryllium. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2011</b> , 83, 161-4	4.4	14
46	Determination of zinc in water samples by flame atomic absorption spectrometry after homogeneous liquid-liquid extraction. <i>Journal of Analytical Chemistry</i> , <b>2011</b> , 66, 612-617	1.1	15
45	Pyrophosphate selective recognition in aqueous solution based on fluorescence enhancement of a new aluminium complex. <i>Journal of Fluorescence</i> , <b>2011</b> , 21, 1509-13	2.4	26
44	Determination of zinc(II) ions in waste water samples by a novel zinc sensor based on a new synthesized Schiff's base. <i>Materials Science and Engineering C</i> , <b>2011</b> , 31, 428-433	8.3	34
43	Trends in weights, heights, BMI and comparison of their differences in urban and rural areas for Iranian children and adolescents 2-18-year-old between 1990-1991 and 1999. <i>Child: Care, Health and Development</i> , <b>2010</b> , 36, 858-67	2.8	8
42	Highly selective ratiometric fluorescence determination of Eu <sup>3+</sup> ion based on (4E)-4-(2-phenyldiazenyl)-2-((E)-(2-aminoethylimino)methyl)phenol. <i>Materials Science and Engineering C</i> , <b>2010</b> , 30, 929-933	8.3	18
41	1072 The Objective Measure of Sleep Pattern and Its Association with Body Weight Status in Primary School Children Living in Tehran. <i>Pediatric Research</i> , <b>2010</b> , 68, 532-532	3.2	
40	1073 Objective Measure of Physical Activity and Time Spent in Watching Tv in Relation to Weight Status in Primary School Children. <i>Pediatric Research</i> , <b>2010</b> , 68, 533-533	3.2	
39	Determination of terbium in phosphate rock by Tb <sup>3+</sup> -selective fluorimetric optode based on dansyl derivative as a neutral fluorogenic ionophore. <i>Analytica Chimica Acta</i> , <b>2010</b> , 664, 172-7	6.6	28
38	Novel selective optode membrane for terbium ion based on fluorescence quenching of the 2-(5-(dimethylamino) naphthalen-1-ylsulfonyl)-N-henylhydrazinecarbothioamid. <i>Sensors and Actuators B: Chemical</i> , <b>2010</b> , 147, 23-30	8.5	22
37	Fluorescence "turn-on" chemosensor for the selective detection of zinc ion based on Schiff-base derivative. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2010</b> , 75, 978-82	4.4	104
36	Ho <sup>3+</sup> carbon paste sensor based on multi-walled carbon nanotubes: Applied for determination of holmium content in biological and environmental samples. <i>Materials Science and Engineering C</i> , <b>2010</b> , 30, 555-560	8.3	22

35	A novel ratiometric fluorescent Yb <sup>3+</sup> sensor based on a N <sup>?</sup> -(1-oxoacenaphthylen-2(1H)-ylidene)furan-2-carbohydrazide as a suitable fluorophore. <i>Materials Science and Engineering C</i> , <b>2010</b> , 30, 348-351	8.3	14
34	Selective Recognition of Mercury in Waste Water Based on Fluorescence Enhancement Chemosensor. <i>Sensor Letters</i> , <b>2010</b> , 8, 807-812	0.9	13
33	The relation of body mass index and blood pressure in Iranian children and adolescents aged 7-18 years old. <i>Iranian Journal of Public Health</i> , <b>2010</b> , 39, 126-34	0.7	17
32	Speciation of Chromium in Water Samples with Homogeneous Liquid-Liquid Extraction and Determination by Flame Atomic Absorption Spectrometry. <i>Bulletin of the Korean Chemical Society</i> , <b>2010</b> , 31, 2813-2818	1.2	12
31	Determination of Hg(II) ions in water samples by a novel Hg(II) sensor, based on calix[4]arene derivative. <i>International Journal of Environmental Analytical Chemistry</i> , <b>2009</b> , 89, 407-422	1.8	20
30	Highly Selective Ratiometric Fluorescent Sensor for La(III) Ion Based on a New Schiff's Base. <i>Analytical Letters</i> , <b>2009</b> , 42, 1029-1040	2.2	24
29	Highly Selective and Sensitive Tin(II) Membrane Electrode Based on a New Synthesized Schiff's Base. <i>Electroanalysis</i> , <b>2009</b> , 21, NA-NA	3	1
28	Novel erbium (III)-selective fluorimetric bulk optode. <i>Sensors and Actuators B: Chemical</i> , <b>2009</b> , 142, 90-968.5		32
27	A study of quenching and enhancing effects of some amino acids on peroxyoxalate chemiluminescence of rhodamine 6G. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2009</b> , 72, 484-9	4.4	9
26	A new Tb <sup>3+</sup> -selective fluorescent sensor based on 2-(5-(dimethylamino)naphthalen-1-ylsulfonyl)-N-henylhydrazinecarbothioamide. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2009</b> , 74, 575-8	4.4	35
25	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). <i>Sensors and Actuators B: Chemical</i> , <b>2006</b> , 113, 892-899	8.5	79
24	PVC membrane potentiometric sensor based on 5-pyridino-2,8-dithia[9](2,9)-1,10-phenanthroline-phane for selective determination of neodymium(III). <i>Analytical Chemistry</i> , <b>2005</b> , 77, 276-83	7.8	44
23	PVC Membrane and Coated Graphite Potentiometric Sensors Based on Dibenzo-21-Crown-7 for Selective Determination of Rubidium Ions. <i>Analytical Letters</i> , <b>2005</b> , 38, 573-588	2.2	13
22	Novel terbium(III) sensor based on a new bis-pyrrolidene Schiff's base. <i>Sensors and Actuators B: Chemical</i> , <b>2005</b> , 105, 334-339	8.5	60
21	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. <i>Analytica Chimica Acta</i> , <b>2005</b> , 533, 17-24	6.6	76
20	Novel Dy(III) Sensor Based on a New Bis-Pyrrolidene Schiff's Base. <i>Electroanalysis</i> , <b>2004</b> , 16, 1771-1776	3	57
19	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> , <b>2004</b> , 501, 55-60	6.6	63
18	Novel Gadolinium PVC-Based Membrane Sensor Based on Omeprazole as an Antibiotic. <i>Electroanalysis</i> , <b>2003</b> , 15, 1038-1042	3	53

17	Polymeric membrane and coated graphite samarium(III)-selective electrodes based on isopropyl 2-[(isopropoxycarbothiyl)disulfanyl]ethanethioate. <i>Analytica Chimica Acta</i> , <b>2003</b> , 486, 93-99	6.6	53
16	Novel gadolinium poly(vinyl chloride) membrane sensor based on a new Schiff base. <i>Analytica Chimica Acta</i> , <b>2003</b> , 495, 51-59	6.6	71
15	PVC membrane and coated graphite potentiometric sensors based on Et4todit for selective determination of samarium(III). <i>Analytical Chemistry</i> , <b>2003</b> , 75, 5680-6	7.8	50
14	Nickel Ion-Selective Coated Graphite PVC-Membrane Electrode Based on Benzylbis(thiosemicarbazone). <i>Electroanalysis</i> , <b>2002</b> , 14, 526-531	3	31
13	A selective membrane electrode for iodide ion based on a thiopyrilium ion derivative as a new ionophore. <i>Microchemical Journal</i> , <b>2002</b> , 72, 77-83	4.8	34
12	Novel coated-graphite membrane sensor based on N,N'-dimethylcyanodiaza-18-crown-6 for the determination of ultra-trace amounts of lead. <i>Analytica Chimica Acta</i> , <b>2002</b> , 464, 181-186	6.6	36
11	Highly selective iodide membrane electrode based on a cerium salen. <i>Analytical Sciences</i> , <b>2002</b> , 18, 289-927	12	51
10	Lanthanum(III) PVC membrane electrodes based on 1,3,5-trithiacyclohexane. <i>Analytical Chemistry</i> , <b>2002</b> , 74, 5538-43	7.8	93
9	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
8	PVC-BASED 1,3,5-TRITHIANE COATED GRAPHITE ELECTRODE FOR DETERMINATION OF CERIU(III) IONS. <i>Analytical Letters</i> , <b>2001</b> , 34, 2249-2261	2.2	56
7	Standardized percentile curves of body mass index of Iranian children compared to the US population reference. <i>International Journal of Obesity</i> , <b>1999</b> , 23, 783-6	5.5	30
6	Body mass index reference curves for Iran. <i>Annals of Human Biology</i> , <b>1999</b> , 26, 527-35	1.7	12
5	Weight-for-height of children in Iran. <i>Annals of Human Biology</i> , <b>1999</b> , 26, 537-47	1.7	3
4	Growth of children in Iran. <i>Annals of Human Biology</i> , <b>1998</b> , 25, 249-61	1.7	16
3	Growth charts for Iran. <i>Annals of Human Biology</i> , <b>1998</b> , 25, 237-47	1.7	14
2	Smash++: an alignment-free and memory-efficient tool to find genomic rearrangements		1
1	Enzyme Free Electrochemiluminescence Sensor of Histamine Based on Graphite-carbon Nitride Nanosheets. <i>Electroanalysis</i> ,	3	2