

# Yong-Ill Lee

## List of Publications by Year in descending order

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269  
papers

6,369  
citations

87401

40  
h-index

139680

61  
g-index

270  
all docs

270  
docs citations

270  
times ranked

8174  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances in fluorescent upconversion nanomaterials: novel strategies for enhancing optical and magnetic properties to biochemical sensing and imaging applications. <i>Applied Spectroscopy Reviews</i> , 2022, 57, 265-299.	3.4	14
2	Synthesis of Magnetically Recoverable Ru/Fe <sub>3</sub> O <sub>4</sub> Nanocomposite for Efficient Photocatalytic Degradation of Methylene Blue. <i>Journal of Cluster Science</i> , 2022, 33, 853-865.	1.7	11
3	Optical properties of Sr <sub>2</sub> YF <sub>7</sub> material doped with Yb <sup>3+</sup> , Er <sup>3+</sup> , and Eu <sup>3+</sup> ions for solar cell application. <i>Journal of Alloys and Compounds</i> , 2022, 897, 163189.	2.8	14
4	Studies on Synthesis and Characterization of Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> @Ru Hybrid Magnetic Composites for Reusable Photocatalytic Application. <i>Adsorption Science and Technology</i> , 2022, 2022, .	1.5	9
5	A review on graphene quantum dots, an emerging luminescent carbon nanolights: Healthcare and Environmental applications. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2022, 278, 115633.	1.7	14
6	Water-stable perovskite-loaded nanogels containing antioxidant property for highly sensitive and selective detection of roxithromycin in animal-derived food products. <i>Scientific Reports</i> , 2022, 12, 3147.	1.6	9
7	Self-Assembly of Polystyrene- <i>b</i> -poly(2-vinylpyridine)/Chloroauric Acid at the Liquid/Liquid Interface. <i>Langmuir</i> , 2022, , .	1.6	6
8	Magnetic visible-light activated photocatalyst ZnFe <sub>2</sub> O <sub>4</sub> /BiVO <sub>4</sub> /g-C <sub>3</sub> N <sub>4</sub> for decomposition of antibiotic lomefloxacin: Photocatalytic mechanism, degradation pathway, and toxicity assessment. <i>Chemosphere</i> , 2022, 299, 134320.	4.2	29
9	Recent advances in turn off-on fluorescence sensing strategies for sensitive biochemical analysis - A mechanistic approach. <i>Microchemical Journal</i> , 2022, 179, 107511.	2.3	24
10	Solvent-resistant microfluidic paper-based analytical device/spray mass spectrometry for quantitative analysis of C <sub>18</sub> -ceramide biomarker. <i>Journal of Mass Spectrometry</i> , 2021, 56, e4611.	0.7	10
11	Patterning microporous paper with highly conductive silver nanoparticles <i>via</i> PVP-modified silver-organic complex ink for development of electric valves. <i>Materials Advances</i> , 2021, 2, 3579-3588.	2.6	6
12	Selective optosensing of iron(III) ions in HeLa cells using NaYF <sub>4</sub> :Yb <sup>3+</sup> /Tm <sup>3+</sup> upconversion nanoparticles coated with polyepinephrine. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 1363-1371.	1.9	10
13	Preparation, Properties, and Microbial Impact of Tungsten (VI) Oxide and Zinc (II) Oxide Nanoparticles Enriched Polyethylene Sebacate Nanocomposites. <i>Polymers</i> , 2021, 13, 718.	2.0	4
14	Large-Area Assembly of Metal-Organic Layered Ultrathin Films at the Liquid/Liquid Interface. <i>Langmuir</i> , 2021, 37, 4515-4522.	1.6	7
15	Highly sensitive and selective detection of Alprenolol using upconversion nanoparticles functionalized with amphiphilic conjugated polythiophene. <i>Microchemical Journal</i> , 2021, 164, 106010.	2.3	3
16	Simple fluorescence optosensing probe for spermine based on ciprofloxacin-Tb <sup>3+</sup> complexation. <i>PLoS ONE</i> , 2021, 16, e0251306.	1.1	10
17	Amphiphilic Conjugated Polythiophene-based Fluorescence Turn on-Sensor for Selective Detection of <i>Escherichia coli</i> in Water and Milk. <i>Bulletin of the Korean Chemical Society</i> , 2021, 42, 1047-1053.	1.0	5
18	Novel polyaniline/tungsten trioxide@metal-organic framework nanocomposites for enhancing photodegradation of 4-nitrophenol. <i>Environmental Technology and Innovation</i> , 2021, 22, 101404.	3.0	10

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19	Metabolic labeling of glycans with isotopic glucose for quantitative glycomics in yeast. <i>Analytical Biochemistry</i> , 2021, 621, 114152.	1.1	7
20	Visible light-activated NGQD/nsC3N4/Bi2WO6 microsphere composite for effluent organic matter treatment. <i>Chemical Engineering Journal</i> , 2021, 415, 129024.	6.6	19
21	Highly stable Cs4PbBr6/CsPbBr3 perovskite nanoparticles as a new fluorescence nanosensor for selective detection of trace tetracycline in food samples. <i>Journal of Industrial and Engineering Chemistry</i> , 2021, 104, 437-444.	2.9	19
22	Ultrasensitive detection and removal of carbamazepine in wastewater using UCNPs functionalized with thin-shell MIPs. <i>Microchemical Journal</i> , 2021, 170, 106674.	2.3	14
23	Selective dual detection of Hg <sup>2+</sup> and TATP based on amphiphilic conjugated polythiophene-quantum dot hybrid materials. <i>Analyst</i> , 2021, 146, 2894-2901.	1.7	14
24	Recent Advances in Nanomicelles Delivery Systems. <i>Nanomaterials</i> , 2021, 11, 70.	1.9	55
25	Novel aspartic chiral optical sensor based on $\beta$ -cyclodextrin-functionalized CdTe nanoparticles. <i>Inorganic Chemistry Communication</i> , 2021, 134, 109036.	1.8	5
26	Photocatalytic activity of Yb, Er, Ce <sup>3+</sup> -doped TiO <sub>2</sub> for degradation of Rhodamine B and 4-chlorophenol. <i>Journal of Chemical Technology and Biotechnology</i> , 2020, 95, 2664-2673.	1.6	10
27	ZnO-Bi2O3/graphitic carbon nitride photocatalytic system with H2O2-assisted enhanced degradation of Indigo carmine under visible light. <i>Arabian Journal of Chemistry</i> , 2020, 13, 3790-3800.	2.3	39
28	Highly selective and sensitive optosensing of glutathione based on fluorescence resonance energy transfer of upconversion nanoparticles coated with a Rhodamine B derivative. <i>Arabian Journal of Chemistry</i> , 2020, 13, 2671-2679.	2.3	15
29	Block copolymer vesicles via liquid/liquid interface-mediated self-assembly. <i>Applied Surface Science</i> , 2020, 499, 143896.	3.1	5
30	Paper-based colorimetric probe for highly sensitive detection of folic acid based on open-ring form amplification of rhodamine B derivative. <i>Journal of Industrial and Engineering Chemistry</i> , 2020, 81, 352-359.	2.9	20
31	Surface and morphology analyses, and voltammetry studies for electrochemical determination of cerium(III) using a graphene nanobud-modified-carbon felt electrode in acidic buffer solution (pH 4.0 $\pm$ 0.05). <i>RSC Advances</i> , 2020, 10, 37409-37418.	1.7	15
32	Inkjet-based microreactor for the synthesis of silver nanoparticles on plasmonic paper decorated with chitosan nanowrinkles for efficient on-site Surface-enhanced Raman Scattering (SERS). <i>Nano Select</i> , 2020, 1, 499-509.	1.9	10
33	Photoluminescence of Binary and Ternary Europium-based Polyhedral Oligomeric Silsesquioxane and Sol-Gel Complexes. <i>Bulletin of the Korean Chemical Society</i> , 2020, 41, 782-785.	1.0	0
34	Dual emission nonionic molecular imprinting conjugated polythiophenes-based paper devices and their nanofibers for point-of-care biomarkers detection. <i>Biosensors and Bioelectronics</i> , 2020, 160, 112211.	5.3	51
35	Novel off-off-paper sensor based on nonionic conjugated polythiophene-coated CdTe QDs for efficient visual detection of cholinesterase activity. <i>Analyst</i> , 2020, 145, 4305-4313.	1.7	22
36	H2O2-assisted photocatalysis for removal of natural organic matter using nanosheet C3N4-WO3 composite under visible light and the hybrid system with ultrafiltration. <i>Chemical Engineering Journal</i> , 2020, 399, 125733.	6.6	59

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37	Highly sensitive colorimetric paper-based analytical device for the determination of tetracycline using green fluorescent carbon nitride nanoparticles. <i>Microchemical Journal</i> , 2020, 158, 105151.	2.3	31
38	Highly sensitive and selective optosensing of quercetin based on novel complexation with yttrium ions. <i>Analyst</i> , 2020, 145, 3376-3384.	1.7	12
39	Novel reduced graphene oxide/ZnBi <sub>2</sub> O <sub>4</sub> hybrid photocatalyst for visible light degradation of 2,4-dichlorophenoxyacetic acid. <i>Environmental Science and Pollution Research</i> , 2020, 27, 11127-11137.	2.7	21
40	Emerging spectroscopic techniques for prostate cancer diagnosis. <i>Applied Spectroscopy Reviews</i> , 2019, 54, 829-855.	3.4	1
41	Disposable Colorimetric Paper-Based Probe for the Detection of Amine-Containing Gases in Aquatic Sediments. <i>ACS Omega</i> , 2019, 4, 12665-12670.	1.6	16
42	Effects of hydrophobic/hydrophilic blocks ratio on PS-b-PAA self-assembly in solutions, in emulsions, and at the interfaces. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 580, 123684.	2.3	9
43	Enhanced performance in the photocatalytic degradation of 2,4,5-Trichlorophenoxyacetic acid over Eu-doped Bi <sub>2</sub> WO <sub>6</sub> under visible light irradiation. <i>Korean Journal of Chemical Engineering</i> , 2019, 36, 1716-1723.	1.2	17
44	Oxidation of sulfides including DBT using a new vanadyl complex of a nonâ€innocent amino phenol benzoxazole based ligand. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4781.	1.7	8
45	Fluorescence Optosensing of Triclosan by Upconversion Nanoparticles with Potassium Permanganate. <i>ACS Omega</i> , 2019, 4, 7931-7937.	1.6	7
46	A facile low-cost paper-based SERS substrate for label-free molecular detection. <i>Sensors and Actuators B: Chemical</i> , 2019, 291, 369-377.	4.0	68
47	PS-b-PAA/Cu two-dimensional nanoflowers fabricated at the liquid/liquid interface: A highly active and robust heterogeneous catalyst. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 570, 377-385.	2.3	4
48	Compact Integration of TiO <sub>2</sub> Nanoparticles into the Cross-Points of 3D Vertically Stacked Ag Nanowires for Plasmon-Enhanced Photocatalysis. <i>Nanomaterials</i> , 2019, 9, 468.	1.9	17
49	Visible light-activated degradation of natural organic matter (NOM) using zinc-bismuth oxides-graphitic carbon nitride (ZBO-CN) photocatalyst: Mechanistic insights from EEM-PARAFAC. <i>Chemosphere</i> , 2019, 224, 597-606.	4.2	30
50	Highly sensitive and selective fluorescent sensor for tetrabromobisphenol-A in electronic waste samples using molecularly imprinted polymer coated quantum dots. <i>Microchemical Journal</i> , 2019, 144, 93-101.	2.3	51
51	Colorimetric detection of chromium(VI) using graphene oxide nanoparticles acting as a peroxidase mimetic catalyst and 8-hydroxyquinoline as an inhibitor. <i>Mikrochimica Acta</i> , 2019, 186, 36.	2.5	42
52	Highly selective and sensitive detection of catecholamines using NaLuGdF <sub>4</sub> :Yb <sup>3+</sup> /Er <sup>3+</sup> upconversion nanoparticles decorated with metal ions. <i>Sensors and Actuators B: Chemical</i> , 2019, 284, 172-178.	4.0	28
53	Multiple Emitting Amphiphilic Conjugated Polythiophenesâ€Coated CdTe QDs for Picogram Detection of Trinitrophenol Explosive and Application Using Chitosan Film and Paperâ€Based Sensor Coupled with Smartphone. <i>Advanced Science</i> , 2019, 6, 1801467.	5.6	64
54	Recent advances on amphiphilic polymer-based fluorescence spectroscopic techniques for sensing and imaging. <i>Applied Spectroscopy Reviews</i> , 2019, 54, 204-236.	3.4	17

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55	Rare-earth free sensitizer in NaLuCrF <sub>4</sub> :Er upconversion material. <i>Journal of Rare Earths</i> , 2019, 37, 345-349.	2.5	5
56	Preparing cuprous oxide nanomaterials by electrochemical method for non-enzymatic glucose biosensor. <i>Nanotechnology</i> , 2018, 29, 205501.	1.3	23
57	A rapid and sensitive molecularly imprinted electrochemiluminescence sensor for Azithromycin determination in biological samples. <i>Journal of Electroanalytical Chemistry</i> , 2018, 813, 1-8.	1.9	30
58	A novel amphiphilic pH-responsive AIEgen for highly sensitive detection of protamine and heparin. <i>Sensors and Actuators B: Chemical</i> , 2018, 261, 233-240.	4.0	27
59	One-step synthesis of NaLu <sub>80</sub> Gd <sub>x</sub> F <sub>4</sub> :Yb <sup>183+</sup> /Er <sup>23+</sup> (Tm <sup>3+</sup> ) upconversion nanoparticles for in vitro cell imaging. <i>Materials Science and Engineering C</i> , 2018, 86, 56-61.	3.8	19
60	Iron(III) Amine Bis(phenolate) Complex Immobilized on Silica-Coated Magnetic Nanoparticles: A Highly Efficient Catalyst for the Oxidation of Alcohols and Sulfides. <i>ChemCatChem</i> , 2018, 10, 1889-1899.	1.8	29
61	Fabricating highly catalytically active block copolymer/metal nanoparticle microstructures at the liquid/liquid interface. <i>Journal of Colloid and Interface Science</i> , 2018, 522, 272-282.	5.0	13
62	Photoluminescence spectroscopy of Cd-based quantum dots for optosensing biochemical molecules. <i>Applied Spectroscopy Reviews</i> , 2018, 53, 313-332.	3.4	11
63	Highly selective and sensitive fluorogenic ferric probes based on aggregation-enhanced emission with <sup>3</sup> SiMe <sub>3</sub> substituted polybenzene. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 188, 202-207.	2.0	2
64	Enhanced fluorescence of CdTe quantum dots capped with a novel nonionic alginate for selective optosensing of ibuprofen. <i>Sensors and Actuators B: Chemical</i> , 2018, 256, 243-250.	4.0	36
65	Naturally modified nonionic alginate functionalized upconversion nanoparticles for the highly efficient targeted pH-responsive drug delivery and enhancement of NIR-imaging. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 57, 424-435.	2.9	39
66	Novel turn-off sensors for highly selective and sensitive detection of spermine based on heparin-quenching of fluorescence CdTe quantum dots-coated amphiphilic thiophene copolymers. <i>Sensors and Actuators B: Chemical</i> , 2018, 257, 734-744.	4.0	46
67	Preface: Special issue on Nanopia 2016. <i>Applied Spectroscopy Reviews</i> , 2018, 53, 87-90.	3.4	0
68	Quantitative Analysis of Artificial Sweeteners by Capillary Electrophoresis with a Dual-Capillary Design of Molecularly Imprinted Solid-Phase Extractor. <i>Bulletin of the Korean Chemical Society</i> , 2018, 39, 1315-1319.	1.0	10
69	Enantioselective analysis of ketoprofen in human saliva by liquid chromatography/tandem mass spectrometry with chiral derivatization. <i>Microchemical Journal</i> , 2018, 143, 280-285.	2.3	6
70	Determination of N-glycans in glycoproteins using chemoenzymatic labeling with Endo-M N175Q. <i>Microchemical Journal</i> , 2017, 130, 390-399.	2.3	1
71	Influence of Cr <sup>3+</sup> on upconversion luminescent and magnetic properties of NaLu <sub>0.86-x</sub> Gd <sub>0.12</sub> F <sub>4</sub> :Cr <sup>3+</sup> /Er <sup>0.023+</sup> (0 ≤ x ≤ 0.24) material. <i>Journal of Luminescence</i> , 2017, 187, 40-45.	1.5	20
72	Yb <sup>3+</sup> , Er <sup>3+</sup> , Eu <sup>3+</sup> -codoped YVO <sub>4</sub> material for bioimaging with dual mode excitation. <i>Materials Science and Engineering C</i> , 2017, 75, 990-997.	3.8	20

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73	A facile preparation of highly fluorescent carbon nitride nanoparticles via solid state reaction for optosensing mercury ions and bisphenol A. <i>Microchemical Journal</i> , 2017, 134, 13-18.	2.3	11
74	Development of a simple method for sensing melamine by SERS effect of Ag particles. <i>Journal of Luminescence</i> , 2017, 188, 436-440.	1.5	18
75	In situ generated Pb nanoclusters on basic lead carbonate ultrathin nanoplates as an effective heterogeneous catalyst. <i>CrystEngComm</i> , 2017, 19, 2860-2869.	1.3	13
76	Surface-enhanced Raman scattering using monolayer graphene-encapsulated Ag nanoparticles as a substrate for sensitive detection of 2,4,6-trinitrotoluene. <i>Analytical Methods</i> , 2017, 9, 3105-3113.	1.3	18
77	Enhanced light harvesting with chromium in NaLu <sub>0.70</sub> xGd <sub>0.10</sub> F <sub>4</sub> :Yb <sub>0.18</sub> Er <sub>0.02</sub> Cr <sub>x</sub> (0 ≤ x ≤ 0.25) upconversion system. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2017, 223, 91-97.	1.7	20
78	Enhanced photodegradation of 2,4-dichlorophenoxyacetic acid using a novel TiO <sub>2</sub> @MgFe <sub>2</sub> O <sub>4</sub> core@shell structure. <i>Chemosphere</i> , 2017, 184, 849-856.	4.2	30
79	A Mixed-Metal Oxides/Graphitic Carbon Nitride: High Visible Light Photocatalytic Activity for Efficient Mineralization of Rhodamine B. <i>Advanced Materials Interfaces</i> , 2017, 4, 1700128.	1.9	44
80	Synthesis and evaluation of a novel chiral derivatization reagent for resolution of carboxylic acid enantiomers by RP-HPLC. <i>Microchemical Journal</i> , 2017, 135, 213-220.	2.3	15
81	Highly selective fluorescent probe based on new coordinated cationic polyvinylpyrrolidone for hydrogen sulfide sensing in aqueous solution. <i>Journal of Molecular Liquids</i> , 2017, 247, 35-42.	2.3	14
82	A Novel Copper Complex of Proline-Based Mono(phenol) Amine Ligand (Hl <sup>pro</sup> ) Immobilized in SBA-15 as a Model Catalyst of Galactose Oxidase. <i>ChemistrySelect</i> , 2017, 2, 11164-11171.	0.7	4
83	Phospholipase A <sub>2</sub> -Responsive Phosphate Micelle-Loaded UCNPs for Bioimaging of Prostate Cancer Cells. <i>Scientific Reports</i> , 2017, 7, 16073.	1.6	39
84	Photocatalysis: A Mixed-Metal Oxides/Graphitic Carbon Nitride: High Visible Light Photocatalytic Activity for Efficient Mineralization of Rhodamine B ( <i>Adv. Mater. Interfaces</i> 12/2017). <i>Advanced Materials Interfaces</i> , 2017, 4, .	1.9	0
85	Synthesis and characterization of an iron(III) complex of an ethylenediamine derivative of an aminophenol ligand in relevance to catechol dioxygenase active site. <i>Polyhedron</i> , 2017, 122, 116-123.	1.0	2
86	SYNTHESIS, CHARACTERIZATION, LUMINESCENCE AND DNA BINDING PROPERTIES OF Ln (III)-SCHIFF BASE FAMILY. <i>Journal of the Chilean Chemical Society</i> , 2017, 62, 3447-3453.	0.5	15
87	Derivatization reaction-based surface-enhanced Raman scattering (SERS) for detection of trace acetone. <i>Talanta</i> , 2016, 155, 87-93.	2.9	15
88	Facile Synthesis and Enantioseparation of Chiral Drugs Using Zirconia Magnetic Microspheres Coated with Cyclodextrin/Poly(amidoamine) Dendrimers. <i>Bulletin of the Korean Chemical Society</i> , 2016, 37, 1393-1394.	1.0	1
89	Tetrabromocatecholato Mn(III) complexes of bis(phenol) diamine ligands as models for enzyme-substrate adducts of catechol dioxygenases. <i>Polyhedron</i> , 2016, 118, 171-179.	1.0	4
90	Highly sensitive derivatization reagents possessing positively charged structures for the determination of oligosaccharides in glycoproteins by high-performance liquid chromatography electrospray ionization tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2016, 1465, 79-89.	1.8	10



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91	A bright yellow light from a Yb <sup>3+</sup> ,Er <sup>3+</sup> -co-doped Y <sub>2</sub> SiO <sub>5</sub> upconversion luminescence material. RSC Advances, 2016, 6, 92454-92462.	1.7	24
92	Metabolic Isotope Labeling of Polysaccharides with Isotopic Glucose for Quantitative Glycomics in Cell Culture. Bulletin of the Korean Chemical Society, 2016, 37, 1518-1521.	1.0	5
93	CuO-Decorated ZnO Hierarchical Nanostructures as Efficient and Established Sensing Materials for H <sub>2</sub> S Gas Sensors. Scientific Reports, 2016, 6, 26736.	1.6	144
94	Fabrication of Two-Dimensional Arrays of Diameter-Tunable PS-b-P2VP Nanowires at the Air/Water Interface. Langmuir, 2016, 32, 11819-11826.	1.6	5
95	An improved non-enzymatic hydrogen peroxide sensor based on europium functionalized inorganic hybrid material—Evaluation of optical and electrochemical properties. Sensors and Actuators B: Chemical, 2016, 237, 81-89.	4.0	11
96	Preface to the special issue: Nanopia 2015. Applied Spectroscopy Reviews, 2016, 51, 513-516.	3.4	0
97	Pectin/poly(acrylamide-co-acrylamidoglycolic acid) pH sensitive semi-IPN hydrogels: selective removal of Cu <sup>2+</sup> and Ni <sup>2+</sup> , modeling, and kinetic studies. Desalination and Water Treatment, 2016, 57, 6503-6514.	1.0	28
98	Recent advances in luminescence properties of lanthanide-doped up-conversion nanocrystals and applications for bio-imaging, drug delivery, and optosensing. Applied Spectroscopy Reviews, 2016, 51, 678-705.	3.4	49
99	Influence of gold species (AuCl <sub>4</sub> <sup>-</sup> and AuCl <sub>2</sub> <sup>-</sup> ) on self-assembly of PS-b-P2VP in solutions and morphology of composite thin films fabricated at the air/liquid interfaces. Physical Chemistry Chemical Physics, 2016, 18, 1945-1952.	1.3	7
100	Adsorption and photodegradation kinetics of herbicide 2,4,5-trichlorophenoxyacetic acid with MgFeTi layered double hydroxides. Chemosphere, 2016, 146, 51-59.	4.2	42
101	TEMPO-mediated aerobic oxidation of alcohols using copper(II) complex of bis(phenol) di-amine ligand as biomimetic model for Galactose oxidase enzyme. Polyhedron, 2016, 106, 153-162.	1.0	16
102	Quantitative determination of uric acid using CdTe nanoparticles as fluorescence probes. Biosensors and Bioelectronics, 2016, 77, 359-365.	5.3	115
103	Upconversion fluorescence resonance energy transfer—a novel approach for sensitive detection of fluoroquinolones in water samples. Microchemical Journal, 2016, 124, 181-187.	2.3	34
104	Fabrication of a Selective and Sensitive Sensor Based on Molecularly Imprinted Polymer/Acetylene Black for the Determination of Azithromycin in Pharmaceuticals and Biological Samples. PLoS ONE, 2016, 11, e0147002.	1.1	20
105	Analysis of Benzanthrone in Urban Surface Soil Using Laser Desorption/Ferric Chloride Chemical Ionization Time-of-Flight Mass Spectrometry. Bulletin of the Korean Chemical Society, 2015, 36, 2750-2752.	1.0	2
106	Selective Detection of Hg <sup>2+</sup> Ion Using Upconversion Luminescent Nanoparticles. Bulletin of the Korean Chemical Society, 2015, 36, 1307-1308.	1.0	12
107	Photochemical vapor generation and in situ preconcentration for determination of mercury by graphite furnace atomic absorption spectrometry. Analytical Methods, 2015, 7, 3015-3021.	1.3	30
108	Highly fluorescent CdTe quantum dots with reduced cytotoxicity—A Robust biomarker. Sensing and Bio-Sensing Research, 2015, 3, 46-52.	2.2	36

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109	Sensitive detection of bisphenol A in complex samples by in-column molecularly imprinted solid-phase extraction coupled with capillary electrophoresis. <i>Microchemical Journal</i> , 2015, 121, 1-5.	2.3	81
110	Rapid and selective extraction of multiple macrolide antibiotics in foodstuff samples based on magnetic molecularly imprinted polymers. <i>Talanta</i> , 2015, 137, 1-10.	2.9	82
111	Unique self-assembly behavior of amphiphilic block copolymers at liquid/liquid interfaces. <i>RSC Advances</i> , 2015, 5, 4334-4342.	1.7	15
112	New highly efficient electrochemical synthesis of dispersed Ag <sub>2</sub> O particles in the vicinity of the cathode with controllable size and shape. <i>Journal of Materials Chemistry C</i> , 2015, 3, 7720-7726.	2.7	22
113	Dielectric barrier discharge-assisted one-pot synthesis of carbon quantum dots as fluorescent probes for selective and sensitive detection of hydrogen peroxide and glucose. <i>Talanta</i> , 2015, 142, 51-56.	2.9	49
114	Iron(III) complex of N-phenylethylenediamine derivative of amine bis(phenol) ligand as model for catechol dioxygenase: Synthesis, characterization and complexation studies. <i>Journal of Molecular Structure</i> , 2015, 1094, 130-136.	1.8	3
115	A new strategy to fabricate composite thin films with tunable micro- and nanostructures via self-assembly of block copolymers. <i>Chemical Communications</i> , 2015, 51, 16687-16690.	2.2	20
116	A new and facile way to fabricate catalytically active block copolymer/Au nanoparticle multilayer thin films at the air/liquid interface. <i>RSC Advances</i> , 2015, 5, 86564-86571.	1.7	9
117	H:ZnO Nanorod-Based Photoanode Sensitized by CdS and Carbon Quantum Dots for Photoelectrochemical Water Splitting. <i>Journal of Physical Chemistry C</i> , 2015, 119, 24323-24331.	1.5	65
118	Fabrication of porous thin films of block copolymer at the liquid/liquid interface and construction of composite films doped with noble metal nanoparticles. <i>RSC Advances</i> , 2015, 5, 69339-69347.	1.7	7
119	Novel dithiols as capping ligands for CdSe quantum dots: optical properties and solar cell applications. <i>Journal of Materials Chemistry C</i> , 2015, 3, 1957-1964.	2.7	36
120	Emulsion-directed liquid/liquid interfacial fabrication of lanthanide ion-doped block copolymer composite thin films. <i>Journal of Colloid and Interface Science</i> , 2015, 438, 212-219.	5.0	5
121	(S)-1-methyl-4-(5-(3-aminopyrrolidin-1-yl)-2,4-dinitrophenyl)piperazine as a novel chiral derivatization reagent for high-performance liquid chromatographic analysis of carboxylic acid enantiomers. <i>Microchemical Journal</i> , 2015, 118, 176-182.	2.3	5
122	Controllable Synthesis of Thiol-Capped CdTe Nanoparticles for Optical Sensing of Triethylenetetramine Dihydrochloride. <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 7662-7667.	0.9	4
123	Determination of reduced glutathione, cystein and total thiols in pine pollen powder by in situ derivatization. <i>Microchemical Journal</i> , 2014, 112, 1-6.	2.3	7
124	Selective and sensitive determination of erythromycin in honey and dairy products by molecularly imprinted polymers based electrochemical sensor. <i>Microchemical Journal</i> , 2014, 116, 183-190.	2.3	47
125	Synthesis and photoluminescence of Cr-, Ni-, Co-, and Ti-doped ZnSe nanoparticles. <i>Journal of Alloys and Compounds</i> , 2014, 588, 127-132.	2.8	23
126	Facile synthesis of highly luminescent Mg(II), Cu(I)-codoped CdS/ZnSe core/shell nanoparticles. <i>Chemical Engineering Journal</i> , 2014, 236, 75-81.	6.6	25



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269	Fiber-optic probe laser-induced breakdown spectrometry for remote detection of toxic elements. , 0, , .		1