

# Yong-Ill Lee

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/183583/publications.pdf>

Version: 2024-02-01

269  
papers

6,369  
citations

76326

40  
h-index

123424

61  
g-index

270  
all docs

270  
docs citations

270  
times ranked

7358  
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.	6.7	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.	3.3	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.	5.5	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, .	3.2	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.	3.5	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.	3.3	9
7	Self-Assembly of Polystyrene- <i>b</i> -poly(2-vinylpyridine)/Chloroauric Acid at the Liquid/Liquid Interface. <i>Langmuir</i> , 2022, , .	3.5	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.	8.2	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.	4.5	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.	1.6	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.	5.4	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.	3.7	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.	4.5	4
14	Large-Area Assembly of Metal-Organic Layered Ultrathin Films at the Liquid/Liquid Interface. <i>Langmuir</i> , 2021, 37, 4515-4522.	3.5	7
15	Highly sensitive and selective detection of Alprenolol using upconversion nanoparticles functionalized with amphiphilic conjugated polythiophene. <i>Microchemical Journal</i> , 2021, 164, 106010.	4.5	3
16	Simple fluorescence optosensing probe for spermine based on ciprofloxacin-Tb <sup>3+</sup> complexation. <i>PLoS ONE</i> , 2021, 16, e0251306.	2.5	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.	1.9	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.	6.1	10

#	ARTICLE	IF	CITATIONS
19	Metabolic labeling of glycans with isotopic glucose for quantitative glycomics in yeast. <i>Analytical Biochemistry</i> , 2021, 621, 114152.	2.4	7
20	Visible light-activated NGQD/nsC3N4/Bi2WO6 microsphere composite for effluent organic matter treatment. <i>Chemical Engineering Journal</i> , 2021, 415, 129024.	12.7	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.	5.8	19
22	Ultrasensitive detection and removal of carbamazepine in wastewater using UCNPs functionalized with thin-shell MIPs. <i>Microchemical Journal</i> , 2021, 170, 106674.	4.5	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.	3.5	14
24	Recent Advances in Nanomicelles Delivery Systems. <i>Nanomaterials</i> , 2021, 11, 70.	4.1	55
25	Novel aspartic chiral optical sensor based on $\beta$ -cyclodextrin-functionalized CdTe nanoparticles. <i>Inorganic Chemistry Communication</i> , 2021, 134, 109036.	3.9	5
26	Photocatalytic activity of Yb, Er, Ce-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.	3.2	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.	4.9	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.	4.9	15
29	Block copolymer vesicles via liquid/liquid interface-mediated self-assembly. <i>Applied Surface Science</i> , 2020, 499, 143896.	6.1	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.	5.8	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.	3.6	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.	3.7	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.	1.9	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.	10.1	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.	3.5	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.	12.7	59

#	ARTICLE	IF	CITATIONS
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.	4.5	31
38	Highly sensitive and selective optosensing of quercetin based on novel complexation with yttrium ions. <i>Analyst</i> , 2020, 145, 3376-3384.	3.5	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.	5.3	21
40	Emerging spectroscopic techniques for prostate cancer diagnosis. <i>Applied Spectroscopy Reviews</i> , 2019, 54, 829-855.	6.7	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.	3.5	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.	4.7	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.	2.7	17
44	Oxidation of sulfides including DBT using a new vanadyl complex of a nonâ€ˆinnocent amino-phenol benzoxazole based ligand. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4781.	3.5	8
45	Fluorescence Optosensing of Triclosan by Upconversion Nanoparticles with Potassium Permanganate. <i>ACS Omega</i> , 2019, 4, 7931-7937.	3.5	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.	7.8	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.	4.7	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.	4.1	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.	8.2	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.	4.5	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.	5.0	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.	7.8	28
53	Multiple Emitting Amphiphilic Conjugated Polythiophenesâ€ˆCoated CdTe QDs for Picogram Detection of Trinitrophenol Explosive and Application Using Chitosan Film and Paperâ€ˆBased Sensor Coupled with Smartphone. <i>Advanced Science</i> , 2019, 6, 1801467.	11.2	64
54	Recent advances on amphiphilic polymer-based fluorescence spectroscopic techniques for sensing and imaging. <i>Applied Spectroscopy Reviews</i> , 2019, 54, 204-236.	6.7	17

#	ARTICLE	IF	CITATIONS
55	Rare-earth free sensitizer in NaLuCrF <sub>4</sub> :Er upconversion material. <i>Journal of Rare Earths</i> , 2019, 37, 345-349.	4.8	5
56	Preparing cuprous oxide nanomaterials by electrochemical method for non-enzymatic glucose biosensor. <i>Nanotechnology</i> , 2018, 29, 205501.	2.6	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.	3.8	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.	7.8	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.	7.3	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.	3.7	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.	9.4	13
62	Photoluminescence spectroscopy of Cd-based quantum dots for optosensing biochemical molecules. <i>Applied Spectroscopy Reviews</i> , 2018, 53, 313-332.	6.7	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.	3.9	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.	7.8	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.	5.8	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.	7.8	46
67	Preface: Special issue on Nanopia 2016. <i>Applied Spectroscopy Reviews</i> , 2018, 53, 87-90.	6.7	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.	1.9	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.	4.5	6
70	Determination of N-glycans in glycoproteins using chemoenzymatic labeling with Endo-M N175Q. <i>Microchemical Journal</i> , 2017, 130, 390-399.	4.5	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.	3.1	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.	7.3	20

#	ARTICLE	IF	CITATIONS
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.	4.5	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.	3.1	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.	2.6	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.	2.7	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> Crx (0 ≤ x ≤ 0.25) upconversion system. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2017, 223, 91-97.	3.5	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.	8.2	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.	3.7	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.	4.5	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.	4.9	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.	1.5	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.	3.3	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, .	3.7	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.	2.2	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.	1.2	15
87	Derivatization reaction-based surface-enhanced Raman scattering (SERS) for detection of trace acetone. <i>Talanta</i> , 2016, 155, 87-93.	5.5	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.	1.9	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.	2.2	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.	3.7	10

#	ARTICLE	IF	CITATIONS
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.	3.6	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.	1.9	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.	3.3	144
94	Fabrication of Two-Dimensional Arrays of Diameter-Tunable PS- <i>b</i> -P2VP Nanowires at the Air/Water Interface. Langmuir, 2016, 32, 11819-11826.	3.5	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.	7.8	11
96	Preface to the special issue: Nanopia 2015. Applied Spectroscopy Reviews, 2016, 51, 513-516.	6.7	0
97	Pectin/poly(acrylamide- <i>co</i> -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.	6.7	49
99	Influence of gold species (AuCl <sub>4</sub> <sup>-</sup> and AuCl <sub>2</sub> <sup>-</sup> ) on self-assembly of PS- <i>b</i> -P2VP in solutions and morphology of composite thin films fabricated at the air/liquid interfaces. Physical Chemistry Chemical Physics, 2016, 18, 1945-1952.	2.8	7
100	Adsorption and photodegradation kinetics of herbicide 2,4,5-trichlorophenoxyacetic acid with MgFeTi layered double hydroxides. Chemosphere, 2016, 146, 51-59.	8.2	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.	2.2	16
102	Quantitative determination of uric acid using CdTe nanoparticles as fluorescence probes. Biosensors and Bioelectronics, 2016, 77, 359-365.	10.1	115
103	Upconversion fluorescence resonance energy transfer—a novel approach for sensitive detection of fluoroquinolones in water samples. Microchemical Journal, 2016, 124, 181-187.	4.5	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.	2.5	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.	1.9	2
106	Selective Detection of Hg <sup>2+</sup> Ion Using Upconversion Luminescent Nanoparticles. Bulletin of the Korean Chemical Society, 2015, 36, 1307-1308.	1.9	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.	2.7	30
108	Highly fluorescent CdTe quantum dots with reduced cytotoxicity—A Robust biomarker. Sensing and Bio-Sensing Research, 2015, 3, 46-52.	4.2	36

#	ARTICLE	IF	CITATIONS
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.	4.5	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.	5.5	82
111	Unique self-assembly behavior of amphiphilic block copolymers at liquid/liquid interfaces. <i>RSC Advances</i> , 2015, 5, 4334-4342.	3.6	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.	5.5	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.	5.5	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.	3.6	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.	4.1	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.	3.6	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.	3.1	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.	3.6	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.	5.5	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.	9.4	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.	4.5	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.	4.5	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.	4.5	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.	5.5	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.	12.7	25



#	ARTICLE	IF	CITATIONS
127	Polymorphs and dielectric properties of BaTi $\hat{N}$ Ni O $\hat{3}$ . Journal of Alloys and Compounds, 2014, 583, 237-243.	5.5	16
128	Liquid/Liquid Interfacial Fabrication of Thermosensitive and Catalytically Active Ag Nanoparticle-Doped Block Copolymer Composite Foam Films. Langmuir, 2014, 30, 10503-10512.	3.5	23
129	Fabrication of Composite Polymer Foam Films at the Liquid/Liquid Interface through Emulsion-Directed Assembly and Adsorption Processes. Langmuir, 2014, 30, 2178-2187.	3.5	19
130	Isomeric quantification of O-diglycosyl flavonoids by a complex-free kinetic method using ESI/QToF mass spectrometry. Microchemical Journal, 2014, 117, 46-51.	4.5	4
131	Synthesis and properties of hemifluorinated disodium alkanesulfonates. Journal of Fluorine Chemistry, 2014, 163, 42-45.	1.7	11
132	Unique self-assembly behavior of a triblock copolymer and fabrication of catalytically active gold nanoparticle/polymer thin films at the liquid/liquid interface. Materials Chemistry and Physics, 2014, 146, 88-98.	4.0	9
133	Selective optosensing of clenbuterol and melamine using molecularly imprinted polymer-capped CdTe quantum dots. Biosensors and Bioelectronics, 2014, 57, 310-316.	10.1	129
134	Synthesis and Catalytic Applications of Ruthenium(0) Nanoparticles in Click Chemistry. Bulletin of the Korean Chemical Society, 2014, 35, 1144-1148.	1.9	17
135	Dual Responsive Pectin Hydrogels and Their Silver Nanocomposites: Swelling Studies, Controlled Drug Delivery and Antimicrobial Applications. Bulletin of the Korean Chemical Society, 2014, 35, 2391-2399.	1.9	27
136	Stimuli-Sensitive Poly(NIPA-co-APA) Hydrogels for the Controlled Release of Keterolac Tromethamine. Journal of the Korean Chemical Society, 2014, 58, 92-99.	0.2	3
137	Poly [2-(cinnamoyloxy)ethyl methacrylate-co-octamethacryl-POSS] nanocomposites: Synthesis and properties. Reactive and Functional Polymers, 2013, 73, 1175-1179.	4.1	8
138	Structural, magnetic, infrared and Raman studies of La $\hat{0}$ .8Sr x Ca $\hat{0}$ .2-x MnO $\hat{3}$ (O $\hat{A}$ % $\hat{A}$ % $\hat{A}$ % $\hat{0}$ .2). Journal of Materials Science: Materials in Electronics, 2013, 24, 2292-2301.	2.2	32
139	Chiral zirconia magnetic microspheres as a new recyclable selector for the discrimination of racemic drugs. Journal of Materials Chemistry B, 2013, 1, 4909.	5.8	40
140	LED-induced in-column molecular imprinting for solid phase extraction/capillary electrophoresis. Analyst, The, 2013, 138, 2821.	3.5	19
141	Preparation of palladium nanoparticles on alumina surface by chemical co-precipitation method and catalytic applications. Applied Surface Science, 2013, 265, 500-509.	6.1	47
142	Free-standing poly(2-vinylpyridine) foam films doped with silver nanoparticles formed at the planar liquid/liquid interface. Journal of Colloid and Interface Science, 2013, 394, 223-230.	9.4	24
143	Interfacial assembly of Pt nanoparticle-doped free-standing polymer foam films and their catalytic performance. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2013, 419, 201-208.	4.7	12
144	Optical properties and Judd $\hat{E}$ “Ofelt parameters of Dy $\hat{3}$ + doped K $\hat{2}$ GdF $\hat{5}$ single crystal. Optical Materials, 2013, 35, 1636-1641.	3.6	46

#	ARTICLE	IF	CITATIONS
145	Fabrication of composite thin films with microstructures of honeycomb, foam, and nanosphere arrays through adsorption and self-assembly of block copolymers at the liquid/liquid interface. <i>Journal of Colloid and Interface Science</i> , 2013, 407, 225-235.	9.4	17
146	A novel colorimetric and fluorescent sensor for fluoride and pyrophosphate based on fluorenone signaling units. <i>Microchemical Journal</i> , 2013, 106, 27-33.	4.5	23
147	Isolation and characterization of BTEX tolerant and degrading <i>Pseudomonas putida</i> BCNU 106. <i>Biotechnology and Bioprocess Engineering</i> , 2013, 18, 1000-1007.	2.6	18
148	Determination of the polyamines in human toenails as 1-(5-fluoro-2,4-dinitrophenyl)-4-methylpiperazine derivatives using high-performance liquid chromatography. <i>Microchemical Journal</i> , 2013, 110, 568-574.	4.5	6
149	Terpene Alcohols Inhibit De Novo Sphingolipid Biosynthesis. <i>Planta Medica</i> , 2012, 78, 434-439.	1.3	3
150	Microwave-enhanced cold vapor generation for speciation analysis of mercury by atomic fluorescence spectrometry. <i>Talanta</i> , 2012, 94, 146-151.	5.5	41
151	Molecularly imprinted solid phase microextraction fiber for trace analysis of catecholamines in urine and serum samples by capillary electrophoresis. <i>Talanta</i> , 2012, 99, 270-276.	5.5	67
152	A new iron(III) complex of glycine derivative of amine-chloro substituted phenol ligand: Synthesis, characterization and catechol dioxygenase activity. <i>Journal of Molecular Structure</i> , 2012, 1029, 60-67.	3.6	22
153	Judd's Ofelt analysis of spectroscopic properties of Sm <sup>3+</sup> ions in K <sub>2</sub> YF <sub>5</sub> crystal. <i>Journal of Alloys and Compounds</i> , 2012, 520, 262-265.	5.5	67
154	Electrical properties of BiFeO <sub>3</sub> and (Bi <sub>0.9</sub> Eu <sub>0.1</sub> )(Fe <sub>0.9</sub> Mn <sub>0.1</sub> )O <sub>3</sub> thin films. <i>Journal of the Korean Physical Society</i> , 2012, 60, 193-197.	0.7	1
155	Ultrasensitive determination of cobalt and nickel by atomic fluorescence spectrometry using APDC enhanced chemical vapor generation. <i>Microchemical Journal</i> , 2012, 104, 33-37.	4.5	34
156	Broad-spectrum In vitro antimicrobial activities of <i>Streptomyces</i> sp. strain BCNU 1001. <i>Biotechnology and Bioprocess Engineering</i> , 2012, 17, 576-583.	2.6	7
157	Synthesis and characterization of chitosan-PEG-Ag nanocomposites for antimicrobial application. <i>Carbohydrate Polymers</i> , 2012, 87, 920-925.	10.2	96
158	One-step synthesis and assembly of one-dimensional parallel chains of CdS nanoparticles at the air-water interface templated by 10,12-pentacosadiynoic acid supermolecules. <i>Journal of Colloid and Interface Science</i> , 2012, 375, 118-124.	9.4	7
159	Nano TiO <sub>2</sub> -based preconcentration for the speciation analysis of inorganic selenium by using ion chromatography with conductivity detection. <i>Microchemical Journal</i> , 2012, 101, 70-74.	4.5	22
160	Simple mercury speciation analysis by CVG-ICP-MS following TMAH pre-treatment and microwave-assisted digestion. <i>Microchemical Journal</i> , 2012, 103, 105-109.	4.5	28
161	On-line chiral analysis of benzylmercapturic acid and phenylmercapturic acid in human urine using UPLC-QToF mass spectrometry with the kinetic method. <i>Microchemical Journal</i> , 2012, 103, 170-176.	4.5	6
162	Fabrication of Amino Acid Based Silver Nanocomposite Hydrogels from PVA-Poly(Acrylamide-co-Acryloyl phenylalanine) and Their Antimicrobial Studies. <i>Bulletin of the Korean Chemical Society</i> , 2012, 33, 3191-3195.	1.9	10

#	ARTICLE	IF	CITATIONS
163	Formation of Ag Nanoparticle-Doped Foam-like Polymer Films at the Liquid-Liquid Interface. <i>Journal of Physical Chemistry B</i> , 2011, 115, 11113-11118.	2.6	25
164	Reduction of Eu <sup>3+</sup> to Eu <sup>2+</sup> in NaCaPO <sub>4</sub> :Eu phosphors prepared in a non-reducing atmosphere. <i>Journal of Alloys and Compounds</i> , 2011, 509, 7937-7942.	5.5	73
165	Differentiation of cis- and trans-isomers of the novel naphthalene-aza receptor by naked-eye colorimetric anion sensing. <i>Tetrahedron Letters</i> , 2011, 52, 6465-6469.	1.4	10
166	Gold hierarchical nanostructures formed at the solid/liquid interfaces via electroless deposition and their SERS properties. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011, 387, 1-9.	4.7	4
167	Synthesis and assembly of catalytically active platinum-doped polymer nanocomposites at the liquid/liquid interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011, 386, 141-141.	4.7	14
168	Synthesis and luminescence properties of cinnamide based nanohybrid materials containing Eu (II) ions. <i>Journal of Crystal Growth</i> , 2011, 326, 128-134.	1.5	1
169	Development of novel active acceptors possessing a positively charged structure for the transglycosylation reaction with Endo-M and their application to oligosaccharide analysis. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 2911-2922.	1.5	3
170	Nanoplates and nanostars of $\beta$ -PbO formed at the air/water interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011, 373, 124-129.	4.7	36
171	Rapid and selective determination of urinary lysozyme based on magnetic molecularly imprinted polymers extraction followed by chemiluminescence detection. <i>Analytica Chimica Acta</i> , 2011, 692, 73-79.	5.4	54
172	Synthesis, crystal structure, magnetic and redox properties of copper(II) complexes of N-alkyl(aryl) <i>t</i> Bu-salicylaldimines. <i>Inorganica Chimica Acta</i> , 2011, 366, 275-282.	2.4	26
173	Determination of trace bisphenol A in complex samples using selective molecularly imprinted solid-phase extraction coupled with capillary electrophoresis. <i>Microchemical Journal</i> , 2011, 98, 150-155.	4.5	94
174	Mechanistic study on the effect of PEG molecules in a trivalent chromium electrodeposition process. <i>Microchemical Journal</i> , 2011, 99, 7-14.	4.5	36
175	Luminescent properties of a new green emitting Eu <sup>2+</sup> doped CaZrSi <sub>2</sub> O <sub>7</sub> phosphor for WLED applications. <i>Journal of Luminescence</i> , 2011, 131, 2414-2418.	3.1	32
176	Synthesis and assembly of gold nanoparticle-doped polymer solid foam films at the liquid/liquid interface and their catalytic properties. <i>Journal of Colloid and Interface Science</i> , 2011, 362, 81-88.	9.4	40
177	Non-Extractive Simultaneous Spectrophotometric Determination of Trace Quantities of Palladium(II) and Tungsten(VI). <i>Analytical Letters</i> , 2011, 44, 815-823.	1.8	5
178	A Systematic Study on Preparing the CdS Quantum Dots. <i>Journal of the Korean Physical Society</i> , 2011, 59, 3293-3299.	0.7	12
179	Application of the Judd-Ofeld Theory to Dy <sup>3+</sup> -Doped Fluoroborate/Sulphate Glasses. <i>Journal of the Korean Physical Society</i> , 2011, 59, 3300-3307.	0.7	16
180	Synthesis, Characterization, and Antibacterial Applications of Novel Copolymeric Silver Nanocomposite Hydrogels. <i>Bulletin of the Korean Chemical Society</i> , 2011, 32, 553-558.	1.9	29

#	ARTICLE	IF	CITATIONS
181	Preparation and characterization of nifedipine-loaded cellulose acetate butyrate based microspheres and their controlled release behavior. <i>Polymer Bulletin</i> , 2010, 65, 157-167.	3.3	9
182	Development of semi-interpenetrating carbohydrate polymeric hydrogels embedded silver nanoparticles and its facile studies on <i>E. coli</i> . <i>Carbohydrate Polymers</i> , 2010, 81, 196-202.	10.2	53
183	Single-Pair Fluorescence Resonance Energy Transfer (spFRET) for the High Sensitivity Analysis of Low-Abundance Proteins Using Aptamers as Molecular Recognition Elements. <i>Journal of Fluorescence</i> , 2010, 20, 203-213.	2.5	12
184	Poly(9-vinylcarbazole)/silver composite nanotubes and networks formed at the air-water interface. <i>Journal of Applied Polymer Science</i> , 2010, 116, 252-257.	2.6	135
185	Isomeric discrimination and quantification of thyroid hormones, $T_3$ and $rT_3$ , by the single ratio kinetic method using electrospray ionization mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2010, 21, 14-22.	2.8	13
186	Trace analysis of tetracycline antibiotics in human urine using UPLC-QToF mass spectrometry. <i>Microchemical Journal</i> , 2010, 94, 139-147.	4.5	49
187	Determination of R-(+)-higenamine enantiomer in <i>Nelumbo nucifera</i> by high-performance liquid chromatography with a fluorescent chiral tagging reagent. <i>Microchemical Journal</i> , 2010, 96, 374-379.	4.5	24
188	Antibacterial and luminescent properties of new donor-acceptor ruthenium triphenylphosphine-bipyridinium complexes. <i>Microchemical Journal</i> , 2010, 95, 235-239.	4.5	7
189	Fluorescence Spectroscopy of Polymer Systems Doped with Rare-Earth Metal Ions and Their Complexes. <i>Applied Spectroscopy Reviews</i> , 2010, 45, 409-446.	6.7	24
190	Cross-Talk-Free Dual-Color Fluorescence Cross-Correlation Spectroscopy for the Study of Enzyme Activity. <i>Analytical Chemistry</i> , 2010, 82, 1401-1410.	6.5	16
191	A Simple and Convenient Synthesis of ( $\hat{\pm}$ )-Methylcyclopentanone-3-carboxylate; an Important Precursor of Antitumor Drug Sarkomycin. <i>Bulletin of the Korean Chemical Society</i> , 2010, 31, 1732-1734.	1.9	1
192	Preparation and Characterization of Porous and Composite Nanoparticulate Films of CdS at the Air/Water Interface. <i>Bulletin of the Korean Chemical Society</i> , 2010, 31, 2547-2552.	1.9	0
193	Silver nanoplates formed at the air/water and solid/water interfaces. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009, 340, 93-98.	4.7	19
194	Detoxification of Cytotoxic Alachlor by Glutathione: Characterization of Conjugated Adducts by Electrospray Ionization Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 9838-9847.	5.2	4
195	Recent Development on Spectroscopic Methods for Chiral Analysis of Enantiomeric Compounds. <i>Applied Spectroscopy Reviews</i> , 2009, 44, 267-316.	6.7	36
196	Kinetic method for enantiomeric determination of thyroid hormone (d,l-thyroxine) using electrospray ionization tandem mass spectrometry (ESI-MS/MS). <i>International Journal of Mass Spectrometry</i> , 2008, 272, 180-186.	1.5	22
197	Semi-IPN hydrogels based on Poly(vinyl alcohol) for controlled release studies of chemotherapeutic agent and their Swelling characteristics. <i>Polymer Bulletin</i> , 2008, 61, 81-90.	3.3	31
198	Determination of enantiomeric compositions of DOPA by tandem mass spectrometry using the kinetic method with fixed ligands. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 909-915.	1.5	26

#	ARTICLE	IF	CITATIONS
199	Gold and silver nanorings formed at the air/water interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2008, 312, 203-208.	4.7	19
200	Determination of thyroxine enantiomers in pharmaceutical formulation by high-performance liquid chromatography-mass spectrometry with precolumn derivatization. <i>Microchemical Journal</i> , 2008, 88, 62-66.	4.5	24
201	Triangular PbS Nano-Pyramids, Square Nanoplates, and Nanorods Formed at the Air/Water Interface. <i>Crystal Growth and Design</i> , 2008, 8, 2660-2664.	3.0	23
202	One-step synthesis of silver nanoparticles at the air-water interface using different methods. <i>Nanotechnology</i> , 2008, 19, 055603.	2.6	7
203	Interaction of Glutathione and Sodium Selenite In vitro Investigated by Electrospray Ionization Tandem Mass Spectrometry. <i>Journal of Biochemistry</i> , 2008, 143, 685-693.	1.7	22
204	Investigation on C <sub>2</sub> -Ceramide Complexes with Transition Metal Ions Using Electrospray Ionization Tandem Mass Spectrometry. <i>European Journal of Mass Spectrometry</i> , 2008, 14, 87-97.	1.0	5
205	Enhanced Detection and Structural Characterization of Flavonoids by Complexation with N,O-Bis(trimethylsilyl)trifluoroacetamide Using Electrospray Ionization Mass Spectrometry. <i>Analytical Sciences</i> , 2008, 24, 1177-1182.	1.6	6
206	Investigation of the Interaction Between Sodium (meta) Arsenite and Catechin via ESI Tandem Mass Spectrometry. <i>Chemical Research in Chinese Universities</i> , 2007, 23, 524-529.	2.6	2
207	Synthesis and assembly of ordered nanostructures of ZnS, Zn <sub>x</sub> Cd <sub>1-x</sub> S and CdS nanoparticles at the air/water interface. <i>Nanotechnology</i> , 2007, 18, 435603.	2.6	17
208	Enantioselective resolution of thyroxine hormone by high-performance liquid chromatography utilizing a highly fluorescent chiral tagging reagent. <i>Chirality</i> , 2007, 19, 625-631.	2.6	8
209	Enhancement of the detection sensitivity for volatile organic compounds by using an annular type photoionization detector and a pre-concentration system. <i>Analytica Chimica Acta</i> , 2007, 583, 210-215.	5.4	5
210	Structural characterization of alachlor complexes with transition metal ions by electrospray ionization tandem mass spectrometry. <i>Microchemical Journal</i> , 2007, 86, 248-256.	4.5	3
211	Influences of compositions and ligands on photoluminescent properties of Eu(III) ions in composite europium complex/PMMA systems. <i>Journal of Luminescence</i> , 2007, 127, 307-315.	3.1	19
212	Synthesis of one-dimensional silver oxide nanoparticle arrays and silver nanorods templated by Langmuir monolayers. <i>Journal of Colloid and Interface Science</i> , 2007, 314, 297-303.	9.4	25
213	Optical Hole-Burning Properties of Sm <sup>2+</sup> -Doped Strontium Borates. <i>Journal of the Physical Society of Japan</i> , 2006, 75, 054709.	1.6	3
214	Determination of pKa value, kinetic studies of decomposition and oxygen transfer for chromium(VI) peroxide. <i>Microchemical Journal</i> , 2006, 82, 73-77.	4.5	6
215	The mechanism of photobleaching in Sm <sup>2+</sup> -doped alkaline-earth fluorohalides. <i>Journal of Luminescence</i> , 2005, 113, 9-16.	3.1	11
216	Influences of matrices and concentrations on luminescent characteristics of Eu(TTA) <sub>3</sub> (H <sub>2</sub> O) <sub>2</sub> /polymer composites. <i>Journal of Luminescence</i> , 2005, 114, 187-196.	3.1	16

#	ARTICLE	IF	CITATIONS
217	Ferroelectric properties of lanthanum-doped bismuth titanate thin films grown by a sol-gel method. <i>Thin Solid Films</i> , 2005, 472, 90-95.	1.8	56
218	Novel luminescent Langmuir-Blodgett films of europium complex embedded in titania matrix. <i>Thin Solid Films</i> , 2005, 491, 217-220.	1.8	9
219	Studies on photoluminescent properties of Eu(III) ions in composite europium complex/polymer systems. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005, 257-258, 301-305.	4.7	9
220	Influence of Sm <sup>3+</sup> -ions on the Hole-Burning Efficiency of Sm <sup>2+</sup> -ions Doped in Mg <sub>0.5</sub> Sr <sub>0.5</sub> FCl <sub>0.5</sub> Br <sub>0.5</sub> Mixed Crystals. <i>Japanese Journal of Applied Physics</i> , 2004, 43, 8103-8106.	1.5	2
221	The influence of metal aluminium on the reduction of the Sm <sup>3+</sup> -doped in aluminosilicate glass films. <i>Journal of Physics Condensed Matter</i> , 2004, 16, 2543-2549.	1.8	9
222	Effects of Donor Ion Doping on the Orientation and Ferroelectric Properties of Bismuth Titanate Thin Films. <i>Japanese Journal of Applied Physics</i> , 2004, 43, 237-241.	1.5	33
223	Optical properties of Tm-doped GaSe single crystals. <i>Solid State Communications</i> , 2004, 130, 701-704.	1.9	13
224	Photophysical properties of a conjugated poly(1-dodecyl-2,5-pyrrylene vinylene). <i>Macromolecular Research</i> , 2004, 12, 322-324.	2.4	1
225	Influence of ligands on the photoluminescent properties of Eu <sup>3+</sup> in europium <sup>2</sup> -diketonate/PMMA-doped systems. <i>Journal of Luminescence</i> , 2004, 106, 47-55.	3.1	39
226	Distinct composite structure and properties of Eu(phen) <sub>2</sub> Cl <sub>3</sub> (H <sub>2</sub> O) <sub>2</sub> in poly(methyl methacrylate) and polyvinylpyrrolidone. <i>Journal of Applied Polymer Science</i> , 2004, 92, 3524-3530.	2.6	27
227	Photoluminescent behaviors of several kinds of europium ternary complexes doped in PMMA. <i>Journal of Luminescence</i> , 2004, 110, 11-16.	3.1	59
228	Ferroelectric Bi <sub>3.4</sub> Eu <sub>0.6</sub> Ti <sub>3</sub> O <sub>12</sub> thin films deposited on Si(100) and Pt/Ti/SiO <sub>2</sub> /Si(100) substrates by a sol-gel process. <i>Journal of Crystal Growth</i> , 2004, 262, 327-333.	1.5	19
229	Electrical properties of samarium-substituted Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> thin films grown on p-type Si substrates. <i>Journal of Crystal Growth</i> , 2004, 268, 204-209.	1.5	4
230	Analytical evaluation of electrothermal vaporization/low-pressure inductively coupled plasma atomic emission spectrometry for trace elemental analysis in microliter samples. <i>Microchemical Journal</i> , 2004, 78, 127-134.	4.5	2
231	Studies on composites formed by europium complexes with different ligands and polyvinylpyrrolidone. <i>Materials Letters</i> , 2004, 58, 1677-1682.	2.6	20
232	Different photoluminescent properties of binary and ternary europium chelates doped in PMMA. <i>Materials Chemistry and Physics</i> , 2003, 82, 84-92.	4.0	39
233	Influence of molecular structures of europium bisphthalocyanines on organization of supramolecular assemblies formed at the air/water interface. <i>Materials Science and Engineering C</i> , 2003, 23, 501-507.	7.3	11
234	Influences of hydrophilic and hydrophobic substituents on the organization of supramolecular assemblies of porphyrin derivatives formed at the air/water interface. <i>Materials Science and Engineering C</i> , 2003, 23, 585-592.	7.3	26

#	ARTICLE	IF	CITATIONS
235	Determination of trace cobalt in fruit samples by resonance ionization mass spectrometry. <i>Microchemical Journal</i> , 2003, 75, 87-96.	4.5	11
236	Supramolecular assemblies of Eu(TPyP)Pc at the air/water and air/Cd <sup>2+</sup> aqueous solution interfaces. <i>Materials Letters</i> , 2003, 57, 2156-2161.	2.6	16
237	RECENT DEVELOPMENTS IN INSTRUMENTATION FOR LASER INDUCED BREAKDOWN SPECTROSCOPY. <i>Applied Spectroscopy Reviews</i> , 2002, 37, 89-117.	6.7	80
238	Direct Determination of Strontium in Marine Algae Samples by Laser-Induced Breakdown Spectrometry. <i>Applied Spectroscopy</i> , 2002, 56, 1511-1514.	2.2	15
239	Characterization of single-stranded DNA separation by capillary gel electrophoresis. <i>Microchemical Journal</i> , 2002, 72, 305-313.	4.5	5
240	Recent Developments in Laser-induced Breakdown Spectrometry. <i>ISIJ International</i> , 2002, 42, S129-S136.	1.4	15
241	Chapter 6 Laser-induced breakdown spectrometry: potential in biological and clinical samples. <i>Advances in Atomic Spectroscopy</i> , 2002, , 287-360.	0.8	0
242	Application of laser-induced breakdown spectrometry for direct determination of trace elements in starch-based flours. <i>Journal of Analytical Atomic Spectrometry</i> , 2001, 16, 622-627.	3.0	54
243	Solvent sublation using 8-hydroxyquinoline as a ligand for determination of trace elements in water samples. <i>Microchemical Journal</i> , 2001, 68, 99-107.	4.5	26
244	Extraction of palladium metal from aqueous solution of palladium chloride by laser-induced photochemistry. <i>Microchemical Journal</i> , 2001, 68, 121-126.	4.5	10
245	Spatially resolved elemental analysis of a hydrogen-air diffusion flame by laser-induced plasma spectroscopy (LIPS). <i>Microchemical Journal</i> , 2001, 70, 143-152.	4.5	11
246	A chelating resin containing 1-(2-thiazolylazo)-2-naphthol as the functional group; synthesis and sorption behavior for trace metal ions. <i>Microchemical Journal</i> , 2001, 70, 195-203.	4.5	50
247	Application of laser-induced breakdown spectrometry in urban health. <i>Microchemical Journal</i> , 2000, 67, 201-205.	4.5	6
248	Development and Characterization of Directly Connected Laser Ablation/Low-Pressure Inductively Coupled Plasma Atomic Emission Spectrometry for Solid Sample Analysis. <i>Applied Spectroscopy</i> , 2000, 54, 1253-1260.	2.2	7
249	Investigation of the Line-Broadening Mechanism for Laser-Induced Copper Plasma by Time-Resolved Laser-Induced Breakdown Spectrometry. <i>Microchemical Journal</i> , 1999, 63, 53-60.	4.5	22
250	Novel and Recent Applications of Elemental Determination by Laser-Induced Breakdown Spectrometry. <i>Analytical Letters</i> , 1999, 32, 2143-2162.	1.8	88
251	Laser-induced breakdown spectrometry. <i>Advances in Atomic Spectroscopy</i> , 1999, , 235-288.	0.8	5
252	New Calix[4]arene Dibenzo-crown Ethers for Selective Sensing of Cesium Ion in an Aqueous Environment. <i>Microchemical Journal</i> , 1998, 58, 225-235.	4.5	19

#	ARTICLE	IF	CITATIONS
253	Potassium Sensing Calix[4]arene Crown Ethers. <i>Microchemical Journal</i> , 1998, 59, 464-471.	4.5	24
254	Design and Critical Evaluation of Improved Electrothermal Vaporization Flame Atomic Absorption/Emission Spectrometry for Direct Determination of Trace Metals in Microliter Samples. <i>Microchemical Journal</i> , 1998, 60, 231-241.	4.5	5
255	Laser-Induced Breakdown Spectrometry. <i>The Chemical Educator</i> , 1998, 3, 1-7.	0.0	12
256	Lasers in Analytical Atomic Spectrometry—An Overview1. <i>Spectroscopy Letters</i> , 1997, 30, 1417-1427.	1.0	11
257	Applications of Laser-Induced Breakdown Spectrometry. <i>Applied Spectroscopy Reviews</i> , 1997, 32, 183-235.	6.7	244
258	Influence of Atmosphere and Irradiation Wavelength on Copper Plasma Emission Induced by Excimer and Q-Switched Nd:YAG Laser Ablation. <i>Applied Spectroscopy</i> , 1997, 51, 959-964.	2.2	86
259	Investigation of the Metal Cation Binding Properties of Macrocyclic EDTA—Bis(Amide) Complexes by Potentiometry and Stopped-Flow Spectrophotometry. <i>Microchemical Journal</i> , 1997, 55, 357-366.	4.5	2
260	Synthesis of Lipophilic Acyclic Diionizable Polyethers and Selective Transport of Alkaline-Earth Cations in Bulk Liquid Membrane System. <i>Microchemical Journal</i> , 1997, 55, 115-121.	4.5	8
261	An improved impaction-graphite furnace system for the direct and near real-time determination of cadmium, chromium, lead and manganese in aerosols and cigarette smoke by simultaneous multielement atomic absorption spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 1996, 51, 109-116.	2.9	18
262	Potentiometry of the Dioxo—Triaza Macrocyclic Complexes as Receptors for First-Row Transition and Lanthanide Metals. <i>Microchemical Journal</i> , 1996, 53, 180-187.	4.5	3
263	Liquid Chromatographic Separation and Indirect Detection of Azacrown Compounds Using $\beta$ -Naphthalene Sulfonic Acid as a Detection Reagent. <i>Microchemical Journal</i> , 1996, 53, 454-460.	4.5	2
264	Formation kinetics of triaza-crown-alkanoic acid complexes of first-row transition metal(II) ions. <i>Supramolecular Chemistry</i> , 1996, 7, 27-31.	1.2	4
265	Direct and rapid determination of potassium in standard solid glasses by excimer laser ablation plasma atomic emission spectrometry. <i>Analyst, The</i> , 1994, 119, 1441.	3.5	31
266	Interaction of a Laser Beam with Metals. Part II: Space-Resolved Studies of Laser-Ablated Plasma Emission. <i>Applied Spectroscopy</i> , 1992, 46, 436-441.	2.2	90
267	Interaction of an Excimer-Laser Beam with Metals. Part III: The Effect of a Controlled Atmosphere in Laser-Ablated Plasma Emission. <i>Applied Spectroscopy</i> , 1992, 46, 1597-1604.	2.2	96
268	Lasers in atomic spectroscopy: Selected applications. <i>Microchemical Journal</i> , 1992, 45, 1-35.	4.5	29
269	Fiber-optic probe laser-induced breakdown spectrometry for remote detection of toxic elements. , 0, , .		1