

Yong-Ill Lee

List of Publications by Year in descending order

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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	Applications of Laser-Induced Breakdown Spectrometry. <i>Applied Spectroscopy Reviews</i> , 1997, 32, 183-235.	6.7	244
2	CuO-Decorated ZnO Hierarchical Nanostructures as Efficient and Established Sensing Materials for H ₂ S Gas Sensors. <i>Scientific Reports</i> , 2016, 6, 26736.	3.3	144
3	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
4	Selective optosensing of clenbuterol and melamine using molecularly imprinted polymer-capped CdTe quantum dots. <i>Biosensors and Bioelectronics</i> , 2014, 57, 310-316.	10.1	129
5	Quantitative determination of uric acid using CdTe nanoparticles as fluorescence probes. <i>Biosensors and Bioelectronics</i> , 2016, 77, 359-365.	10.1	115
6	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
7	Synthesis and characterization of chitosan-PEG-Ag nanocomposites for antimicrobial application. <i>Carbohydrate Polymers</i> , 2012, 87, 920-925.	10.2	96
8	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
9	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
10	Novel and Recent Applications of Elemental Determination by Laser-Induced Breakdown Spectrometry. <i>Analytical Letters</i> , 1999, 32, 2143-2162.	1.8	88
11	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
12	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
13	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
14	RECENT DEVELOPMENTS IN INSTRUMENTATION FOR LASER INDUCED BREAKDOWN SPECTROSCOPY. <i>Applied Spectroscopy Reviews</i> , 2002, 37, 89-117.	6.7	80
15	Reduction of Eu ³⁺ to Eu ²⁺ in NaCaPO ₄ :Eu phosphors prepared in a non-reducing atmosphere. <i>Journal of Alloys and Compounds</i> , 2011, 509, 7937-7942.	5.5	73
16	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
17	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
18	Judd-Ofelt analysis of spectroscopic properties of Sm ³⁺ ions in K ₂ YF ₅ crystal. <i>Journal of Alloys and Compounds</i> , 2012, 520, 262-265.	5.5	67

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19	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
20	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.	11.2	64
21	Photoluminescent behaviors of several kinds of europium ternary complexes doped in PMMA. <i>Journal of Luminescence</i> , 2004, 110, 11-16.	3.1	59
22	H ₂ O ₂ -assisted photocatalysis for removal of natural organic matter using nanosheet C ₃ N ₄ -WO ₃ composite under visible light and the hybrid system with ultrafiltration. <i>Chemical Engineering Journal</i> , 2020, 399, 125733.	12.7	59
23	Ferroelectric properties of lanthanum-doped bismuth titanate thin films grown by a solâ€gel method. <i>Thin Solid Films</i> , 2005, 472, 90-95.	1.8	56
24	Recent Advances in Nanomicelles Delivery Systems. <i>Nanomaterials</i> , 2021, 11, 70.	4.1	55
25	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
26	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
27	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
28	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
29	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
30	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
31	Trace analysis of tetracycline antibiotics in human urine using UPLCâ€QToF mass spectrometry. <i>Microchemical Journal</i> , 2010, 94, 139-147.	4.5	49
32	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
33	Recent advances in luminescence properties of lanthanide-doped up-conversion nanocrystals and applications for bio-imaging, drug delivery, and optosensing. <i>Applied Spectroscopy Reviews</i> , 2016, 51, 678-705.	6.7	49
34	Preparation of palladium nanoparticles on alumina surface by chemical co-precipitation method and catalytic applications. <i>Applied Surface Science</i> , 2013, 265, 500-509.	6.1	47
35	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
36	Optical properties and Juddâ€Ofelt parameters of Dy ³⁺ doped K ₂ GdF ₅ single crystal. <i>Optical Materials</i> , 2013, 35, 1636-1641.	3.6	46

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37	Novel "turn off-on" 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
38	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
39	Adsorption and photodegradation kinetics of herbicide 2,4,5-trichlorophenoxyacetic acid with MgFeTi layered double hydroxides. <i>Chemosphere</i> , 2016, 146, 51-59.	8.2	42
40	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
41	Microwave-enhanced cold vapor generation for speciation analysis of mercury by atomic fluorescence spectrometry. <i>Talanta</i> , 2012, 94, 146-151.	5.5	41
42	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
43	Chiral zirconia magnetic microspheres as a new recyclable selector for the discrimination of racemic drugs. <i>Journal of Materials Chemistry B</i> , 2013, 1, 4909.	5.8	40
44	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
45	Influence of ligands on the photoluminescent properties of Eu ³⁺ in europium ² -diketonate/PMMA-doped systems. <i>Journal of Luminescence</i> , 2004, 106, 47-55.	3.1	39
46	Phospholipase A2-Responsive Phosphate Micelle-Loaded UCNPs for Bioimaging of Prostate Cancer Cells. <i>Scientific Reports</i> , 2017, 7, 16073.	3.3	39
47	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
48	ZnO-Bi ₂ O ₃ /graphitic carbon nitride photocatalytic system with H ₂ O ₂ -assisted enhanced degradation of Indigo carmine under visible light. <i>Arabian Journal of Chemistry</i> , 2020, 13, 3790-3800.	4.9	39
49	Recent Development on Spectroscopic Methods for Chiral Analysis of Enantiomeric Compounds. <i>Applied Spectroscopy Reviews</i> , 2009, 44, 267-316.	6.7	36
50	Nanoplates and nanostars of ² -PbO formed at the air/water interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011, 373, 124-129.	4.7	36
51	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
52	Highly fluorescent CdTe quantum dots with reduced cytotoxicity-A Robust biomarker. <i>Sensing and Bio-Sensing Research</i> , 2015, 3, 46-52.	4.2	36
53	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
54	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

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55	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
56	Upconversion fluorescence resonance energy transfer—a novel approach for sensitive detection of fluoroquinolones in water samples. <i>Microchemical Journal</i> , 2016, 124, 181-187.	4.5	34
57	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
58	Luminescent properties of a new green emitting Eu ²⁺ doped CaZrSi ₂ O ₇ phosphor for WLED applications. <i>Journal of Luminescence</i> , 2011, 131, 2414-2418.	3.1	32
59	Structural, magnetic, infrared and Raman studies of La _{0.8} Sr _x Ca _{0.2-x} MnO ₃ (0 ≤ x ≤ 0.2). <i>Journal of Materials Science: Materials in Electronics</i> , 2013, 24, 2292-2301.	2.2	32
60	Direct and rapid determination of potassium in standard solid glasses by excimer laser ablation plasma atomic emission spectrometry. <i>Analyst</i> , 1994, 119, 1441.	3.5	31
61	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
62	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
63	Photochemical vapor generation and in situ preconcentration for determination of mercury by graphite furnace atomic absorption spectrometry. <i>Analytical Methods</i> , 2015, 7, 3015-3021.	2.7	30
64	Enhanced photodegradation of 2,4-dichlorophenoxyacetic acid using a novel TiO ₂ @MgFe ₂ O ₄ core@shell structure. <i>Chemosphere</i> , 2017, 184, 849-856.	8.2	30
65	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
66	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
67	Lasers in atomic spectroscopy: Selected applications. <i>Microchemical Journal</i> , 1992, 45, 1-35.	4.5	29
68	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
69	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
70	Magnetic visible-light activated photocatalyst ZnFe ₂ O ₄ /BiVO ₄ /g-C ₃ N ₄ for decomposition of antibiotic lomefloxacin: Photocatalytic mechanism, degradation pathway, and toxicity assessment. <i>Chemosphere</i> , 2022, 299, 134320.	8.2	29
71	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
72	Pectin/poly(acrylamide-co-acrylamidoglycolic acid) pH sensitive semi-IPN hydrogels: selective removal of Cu ²⁺ and Ni ²⁺ , modeling, and kinetic studies. <i>Desalination and Water Treatment</i> , 2016, 57, 6503-6514.	1.0	28

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73	Highly selective and sensitive detection of catecholamines using NaLuGdF ₄ :Yb ³⁺ /Er ³⁺ upconversion nanoparticles decorated with metal ions. <i>Sensors and Actuators B: Chemical</i> , 2019, 284, 172-178.	7.8	28
74	Distinct composite structure and properties of Eu(phen) ₂ Cl ₃ (H ₂ O) ₂ in poly(methyl methacrylate) and polyvinylpyrrolidone. <i>Journal of Applied Polymer Science</i> , 2004, 92, 3524-3530.	2.6	27
75	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
76	Dual Responsive Pectin Hydrogels and Their Silver Nanocomposites: Swelling Studies, Controlled Drug Delivery and Antimicrobial Applications. <i>Bulletin of the Korean Chemical Society</i> , 2014, 35, 2391-2399.	1.9	27
77	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
78	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
79	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
80	Synthesis, crystal structure, magnetic and redox properties of copper(II) complexes of N-alkyl(aryl) tBu-salicylaldimines. <i>Inorganica Chimica Acta</i> , 2011, 366, 275-282.	2.4	26
81	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
82	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
83	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
84	Potassium Sensing Calix[4]arene Crown Ethers. <i>Microchemical Journal</i> , 1998, 59, 464-471.	4.5	24
85	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
86	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
87	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
88	Free-standing poly(2-vinylpyridine) foam films doped with silver nanoparticles formed at the planar liquid/liquid interface. <i>Journal of Colloid and Interface Science</i> , 2013, 394, 223-230.	9.4	24
89	A bright yellow light from a Yb ³⁺ ,Er ³⁺ -co-doped Y ₂ SiO ₅ upconversion luminescence material. <i>RSC Advances</i> , 2016, 6, 92454-92462.	3.6	24
90	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

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91	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
92	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
93	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
94	Liquid/Liquid Interfacial Fabrication of Thermosensitive and Catalytically Active Ag Nanoparticle-Doped Block Copolymer Composite Foam Films. <i>Langmuir</i> , 2014, 30, 10503-10512.	3.5	23
95	Preparing cuprous oxide nanomaterials by electrochemical method for non-enzymatic glucose biosensor. <i>Nanotechnology</i> , 2018, 29, 205501.	2.6	23
96	Investigation of the Line-Broadening Mechanism for Laser-Induced Copper Plasma by Time-Resolved Laser-Induced Breakdown Spectroscopy. <i>Microchemical Journal</i> , 1999, 63, 53-60.	4.5	22
97	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
98	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
99	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
100	Nano TiO ₂ -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
101	New highly efficient electrochemical synthesis of dispersed Ag ₂ 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
102	Novel "turn on" 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
103	Novel reduced graphene oxide/ZnBi ₂ O ₄ 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
104	Studies on composites formed by europium complexes with different ligands and polyvinylpyrrolidone. <i>Materials Letters</i> , 2004, 58, 1677-1682.	2.6	20
105	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
106	Influence of Cr ³⁺ on upconversion luminescent and magnetic properties of NaLu _{0.86-x} Gd _{0.12} F ₄ :Cr ³⁺ /Er _{0.023} (0 ≤ x ≤ 0.24) material. <i>Journal of Luminescence</i> , 2017, 187, 40-45.	3.1	20
107	Yb ³⁺ , Er ³⁺ , Eu ³⁺ -codoped YVO ₄ material for bioimaging with dual mode excitation. <i>Materials Science and Engineering C</i> , 2017, 75, 990-997.	7.3	20
108	Enhanced light harvesting with chromium in NaLu _{0.70-x} Gd _{0.10} F ₄ :Yb _{0.18} Er _{0.02} Cr _x (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

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109	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
110	Fabrication of a Selective and Sensitive Sensor Based on Molecularly Imprinted Polymer/Acetylene Black for the Determination of Azithromycin in Pharmaceuticals and Biological Samples. <i>PLoS ONE</i> , 2016, 11, e0147002.	2.5	20
111	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
112	Ferroelectric Bi _{3.4} Eu _{0.6} Ti ₃ O ₁₂ thin films deposited on Si(100) and Pt/Ti/SiO ₂ /Si(100) substrates by a sol-gel process. <i>Journal of Crystal Growth</i> , 2004, 262, 327-333.	1.5	19
113	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
114	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
115	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
116	LED-induced in-column molecular imprinting for solid phase extraction/capillary electrophoresis. <i>Analyst</i> , 2013, 138, 2821.	3.5	19
117	Fabrication of Composite Polymer Foam Films at the Liquid/Liquid Interface through Emulsion-Directed Assembly and Adsorption Processes. <i>Langmuir</i> , 2014, 30, 2178-2187.	3.5	19
118	One-step synthesis of NaLu ₈₀ xGdxF ₄ :Yb ¹⁸³⁺ /Er ²³⁺ (Tm ³⁺) upconversion nanoparticles for in vitro cell imaging. <i>Materials Science and Engineering C</i> , 2018, 86, 56-61.	7.3	19
119	Visible light-activated NGQD/nsC ₃ N ₄ /Bi ₂ WO ₆ microsphere composite for effluent organic matter treatment. <i>Chemical Engineering Journal</i> , 2021, 415, 129024.	12.7	19
120	Highly stable Cs ₄ PbBr ₆ /CsPbBr ₃ 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
121	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
122	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
123	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
124	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
125	Synthesis and assembly of ordered nanostructures of ZnS, Zn _x Cd _{1-x} S and CdS nanoparticles at the air/water interface. <i>Nanotechnology</i> , 2007, 18, 435603.	2.6	17
126	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

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127	Enhanced performance in the photocatalytic degradation of 2,4,5-Trichlorophenoxyacetic acid over Eu-doped Bi ₂ WO ₆ under visible light irradiation. Korean Journal of Chemical Engineering, 2019, 36, 1716-1723.	2.7	17
128	Compact Integration of TiO ₂ Nanoparticles into the Cross-Points of 3D Vertically Stacked Ag Nanowires for Plasmon-Enhanced Photocatalysis. Nanomaterials, 2019, 9, 468.	4.1	17
129	Recent advances on amphiphilic polymer-based fluorescence spectroscopic techniques for sensing and imaging. Applied Spectroscopy Reviews, 2019, 54, 204-236.	6.7	17
130	Synthesis and Catalytic Applications of Ruthenium(0) Nanoparticles in Click Chemistry. Bulletin of the Korean Chemical Society, 2014, 35, 1144-1148.	1.9	17
131	Supramolecular assemblies of Eu(TPyP)Pc at the air/water and air/Cd ²⁺ aqueous solution interfaces. Materials Letters, 2003, 57, 2156-2161.	2.6	16
132	Influences of matrices and concentrations on luminescent characteristics of Eu(TTA) ₃ (H ₂ O) ₂ /polymer composites. Journal of Luminescence, 2005, 114, 187-196.	3.1	16
133	Cross-Talk-Free Dual-Color Fluorescence Cross-Correlation Spectroscopy for the Study of Enzyme Activity. Analytical Chemistry, 2010, 82, 1401-1410.	6.5	16
134	Polymorphs and dielectric properties of BaTi _{1-x} Ni _x O ₃ . Journal of Alloys and Compounds, 2014, 583, 237-243.	5.5	16
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