

Yong-Chien Ling

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7135092/publications.pdf>

Version: 2024-02-01

146
papers

5,640
citations

76326

40
h-index

88630

70
g-index

146
all docs

146
docs citations

146
times ranked

8944
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene-Based Photothermal Agent for Rapid and Effective Killing of Bacteria. ACS Nano, 2013, 7, 1281-1290.	14.6	528
2	Preparation and characterization of ZnO nanoparticles coated paper and its antibacterial activity study. Green Chemistry, 2006, 8, 1034.	9.0	354
3	Multi-functional graphene as an in vitro and in vivo imaging probe. Biomaterials, 2012, 33, 2532-2545.	11.4	251
4	Facile Synthesis of Smart Magnetic Graphene for Safe Drinking Water: Heavy Metal Removal and Disinfection Control. ACS Sustainable Chemistry and Engineering, 2013, 1, 462-472.	6.7	235
5	Oriented assembly of Au nanorods using biorecognition system. Chemical Communications, 2005, , 1092.	4.1	223
6	Magnetofluorescent Carbon Dots Derived from Crab Shell for Targeted Dual-Modality Bioimaging and Drug Delivery. ACS Applied Materials & Interfaces, 2017, 9, 13887-13899.	8.0	190
7	Magnetic and fluorescent graphene for dual modal imaging and single light induced photothermal and photodynamic therapy of cancer cells. Biomaterials, 2014, 35, 4499-4507.	11.4	168
8	Graphene-Based Nanomaterials as Efficient Peroxidase Mimetic Catalysts for Biosensing Applications: An Overview. Molecules, 2015, 20, 14155-14190.	3.8	123
9	Photocatalytic reduction of CO ₂ on FeTiO ₃ /TiO ₂ photocatalyst. Catalysis Communications, 2012, 19, 85-89.	3.3	118
10	Graphene-Based Nanomaterials as Heterogeneous Acid Catalysts: A Comprehensive Perspective. Molecules, 2014, 19, 14582-14614.	3.8	117
11	Quantification of cow milk adulteration in goat milk using high-performance liquid chromatography with electrospray ionization mass spectrometry. Rapid Communications in Mass Spectrometry, 2004, 18, 1167-1171.	1.5	113
12	Metal Precursor Dependent Synthesis of NiFe ₂ O ₄ Thin Films for High-Performance Flexible Symmetric Supercapacitor. ACS Applied Energy Materials, 2018, 1, 638-648.	5.1	112
13	Rapid fabrication of carbon quantum dots as multifunctional nanovehicles for dual-modal targeted imaging and chemotherapy. Acta Biomaterialia, 2016, 46, 151-164.	8.3	90
14	Synthesis of TiO ₂ nanoparticles using novel titanium oxalate complex towards visible light-driven photocatalytic reduction of CO ₂ to CH ₃ OH. Applied Catalysis A: General, 2012, 437-438, 28-35.	4.3	81
15	Single-walled carbon nanotube coated antibacterial paper: preparation and mechanistic study. Journal of Materials Chemistry B, 2013, 1, 2639.	5.8	79
16	XPS study of fluorinated carbon multi-walled nanotubes. Journal of Electron Spectroscopy and Related Phenomena, 2007, 160, 22-28.	1.7	75
17	Cu _x Ag _y In _z Zn _k Sm solid solutions customized with RuO ₂ or Rh _{1.32} Cr _{0.66} O ₃ co-catalyst display visible light-driven catalytic activity for CO ₂ reduction to CH ₃ OH. Green Chemistry, 2011, 13, 2029.	9.0	74
18	Levels of PCDD/Fs in ambient air and soil in the vicinity of a municipal solid waste incinerator in Hsinchu. Chemosphere, 2003, 52, 1389-1396.	8.2	73

#	ARTICLE	IF	CITATIONS
19	In situ thermo-TOF-SIMS study of thermal decomposition of zinc acetate dihydrate. Journal of Mass Spectrometry, 2004, 39, 1202-1208.	1.6	70
20	Palladium-Catalyzed Tandem Dimerization and Cyclization of Acetylenic Ketones: A Convenient Method for 3,4-Bifurans Using PdCl ₂ (PPh ₃) ₂ . Journal of Organic Chemistry, 2001, 66, 6014-6020.	3.2	66
21	Magnetic nano-adsorbent integrated with lab-on-valve system for trace analysis of multiple heavy metals. Journal of Analytical Atomic Spectrometry, 2009, 24, 320.	3.0	64
22	Quantum dot 705, a cadmium-based nanoparticle, induces persistent inflammation and granuloma formation in the mouse lung. Nanotoxicology, 2013, 7, 105-115.	3.0	61
23	Depositing silver nanoparticles on/in a glass slide by the sonochemical method. Nanotechnology, 2008, 19, 435604.	2.6	59
24	Solvothermal synthesis of facet-dependent BiVO ₄ photocatalyst with enhanced visible-light-driven photocatalytic degradation of organic pollutant: assessment of toxicity by zebrafish embryo. Scientific Reports, 2020, 10, 12993.	3.3	59
25	Correlation Study of Antioxidant Activity with Phenolic and Flavonoid Compounds in 12 Indonesian Indigenous Herbs. Antioxidants, 2021, 10, 1530.	5.1	58
26	A total diet study to estimate PCDD/Fs and dioxin-like PCBs intake from food in Taiwan. Chemosphere, 2007, 67, S65-S70.	8.2	56
27	Sulfonated graphene as highly efficient and reusable acid carbocatalyst for the synthesis of ester plasticizers. RSC Advances, 2014, 4, 57297-57307.	3.6	54
28	Synthesis of Cisplatin(IV) Prodrug-Tethered CuFeS ₂ Nanoparticles in Tumor-Targeted Chemotherapy and Photothermal Therapy. ACS Applied Materials & Interfaces, 2018, 10, 4590-4602.	8.0	54
29	Heteroatom doped carbon dots with nanoenzyme like properties as theranostic platforms for free radical scavenging, imaging, and chemotherapy. Acta Biomaterialia, 2020, 114, 343-357.	8.3	52
30	Estimation of metal and organochlorine pesticide exposures and potential health threat by consumption of oysters in Taiwan. Environmental Pollution, 2000, 109, 147-156.	7.5	50
31	Gas chromatography-isotope dilution mass spectrometry preceded by liquid-liquid extraction and chemical derivatization for the determination of ketamine and norketamine in urine. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2004, 799, 37-50.	2.3	50
32	Silver nanoparticles spontaneous organize into nanowires and nanobanners in supercritical water. Chemical Physics Letters, 2003, 379, 261-267.	2.6	48
33	Synthesis of nitrogen-doped graphene by pyrolysis of ionic-liquid-functionalized graphene. Journal of Materials Chemistry C, 2013, 1, 1713.	5.5	48
34	Versatilities of graphene-based catalysts in organic transformations. Green Materials, 2013, 1, 47-61.	2.1	47
35	Determination of synthetic and natural colorants in selected green colored foodstuffs through reverse phase-high performance liquid chromatography. Food Chemistry, 2019, 278, 381-387.	8.2	47
36	Microscale Size Triangular Gold Prisms Synthesized Using Bengal Gram Beans (<i>Cicer arietinum</i>) Nanoscience and Nanotechnology, 2006, 6, 3746-3751.	0.9	46

#	ARTICLE	IF	CITATIONS
37	Synthesis of a hybrid material consisting of magnetic iron-oxide nanoparticles and carbon nanotubes as a gas adsorbent. Carbon, 2010, 48, 1397-1404.	10.3	46
38	Biosynthesized Co-doped TiO ₂ nanoparticles based anode for lithium-ion battery application and investigating the influence of dopant concentrations on its performance. Composites Part B: Engineering, 2019, 167, 44-50.	12.0	45
39	Quantum dots induced monocyte chemotactic protein-1 expression via MyD88-dependent Toll-like receptor signaling pathways in macrophages. Toxicology, 2013, 308, 1-9.	4.2	43
40	Opening and thinning of multiwall carbon nanotubes in supercritical water. Chemical Physics Letters, 2002, 363, 583-590.	2.6	42
41	Sleep deprivation predisposes liver to oxidative stress and phospholipid damage: a quantitative molecular imaging study. Journal of Anatomy, 2008, 212, 295-305.	1.5	42
42	Detection of water-soluble vitamins by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry using porphyrin matrices. Journal of Mass Spectrometry, 2002, 37, 716-730.	1.6	40
43	In situ fabrication of Co _{0.85} Se and Ni _{0.85} Se hierarchical thin films as high-performance counter electrode for dye-sensitized solar cells. Solar Energy, 2016, 137, 401-408.	6.1	40
44	Waste chicken eggshell as low-cost precursor for efficient synthesis of nitrogen-doped fluorescent carbon nanodots and their multi-functional applications. RSC Advances, 2014, 4, 58329-58336.	3.6	39
45	Graphene-based nanomaterials as molecular imaging agents. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2015, 7, 737-758.	6.1	38
46	Ultrasound-assisted green economic synthesis of hydroxyapatite nanoparticles using eggshell biowaste and study of mechanical and biological properties for orthopedic applications. Journal of Biomedical Materials Research - Part A, 2017, 105, 2935-2947.	4.0	36
47	Development and validation of TOF-SIMS and CLSM imaging method for cytotoxicity study of ZnO nanoparticles in HaCaT cells. Journal of Hazardous Materials, 2014, 277, 3-12.	12.4	35
48	CuCo ₂ O ₄ Nanorods Coated with CuO Nanoneedles for Supercapacitor Applications. ACS Applied Nano Materials, 2021, 4, 12702-12711.	5.0	34
49	Carbon nanotubes prevent 2,2,2 trifluoroethanol induced aggregation of protein. Carbon, 2007, 45, 1586-1589.	10.3	33
50	PCDD/DFS and coplanar pcbs in sediment and fish samples from the Er-Jen river in Taiwan. Chemosphere, 1995, 31, 2863-2872.	8.2	32
51	Palladium Catalyzed Transformation of Acyclic Units to Furans. Current Organic Chemistry, 2002, 6, 841-864.	1.6	32
52	In situ monitoring of NiO-Al ₂ O ₃ nanoparticles synthesis by thermo-Raman spectroscopy. Materials Chemistry and Physics, 2010, 119, 86-92.	4.0	30
53	Phenylboronic acid-modified magnetic nanoparticles as a platform for carbon dot conjugation and doxorubicin delivery. Journal of Materials Chemistry B, 2015, 3, 5532-5543.	5.8	29
54	A highly selective phenothiazine-based fluorescence "turn-on" indicator based on cyanide-promoted novel protection/deprotection mechanism. Chemical Communications, 2015, 51, 8809-8812.	4.1	29

#	ARTICLE	IF	CITATIONS
55	Pyridine intercalative sonochemical synthesis and characterization of \pm -Bi ₂ Mo ₃ O ₁₂ phase nanorods. Chemical Physics Letters, 2004, 383, 208-213.	2.6	28
56	Graphene Oxide-Based Magnetic Solid Phase Extraction Combined with High Performance Liquid Chromatography for Determination of Patulin in Apple Juice. Food Analytical Methods, 2017, 10, 210-218.	2.6	28
57	Highly efficient synthesis of N-confused meso-tetraspirocyclohexyl calix[4]pyrrole using Brønsted acidic ionic liquids as catalysts. Tetrahedron Letters, 2012, 53, 5674-5677.	1.4	27
58	Albumin-functionalized CuFeS ₂ /photosensitizer nanohybrid for single-laser-induced folate receptor-targeted photothermal and photodynamic therapy. Materials Science and Engineering C, 2019, 101, 179-189.	7.3	27
59	Facile synthesis of gold/gadolinium-doped carbon quantum dot nanocomposites for magnetic resonance imaging and photothermal ablation therapy. Journal of Materials Chemistry B, 2017, 5, 6282-6291.	5.8	26
60	Near infrared light activatable PEI-wrapped bismuth selenide nanocomposites for photothermal/photodynamic therapy induced bacterial inactivation and dye degradation. RSC Advances, 2018, 8, 19827-19834.	3.6	26
61	A novel palladium-catalyzed tandem dimerization and cyclization of acetylenic ketones. A convenient method for 3,3'-bifurans. Tetrahedron Letters, 1999, 40, 4841-4844.	1.4	25
62	Marigold micro-flower like NiCo ₂ O ₄ grown on flexible stainless-steel mesh as an electrode for supercapacitors. RSC Advances, 2021, 11, 3666-3672.	3.6	25
63	An on-line microfluidic device coupled with inductively coupled plasma mass spectrometry for chromium speciation. Journal of Analytical Atomic Spectrometry, 2013, 28, 1320.	3.0	24
64	Simultaneous Multicomponent Quantitative Analysis by Infrared Absorption Spectroscopy. Applied Spectroscopy, 1984, 38, 663-668.	2.2	23
65	A phenothiazine-based colorimetric chemodosimeter for the rapid detection of cyanide anions in organic and aqueous media. RSC Advances, 2014, 4, 36344.	3.6	22
66	Indium-mediated tandem dimerization and cyclization of nitrones and aldimines to 3-arylamino dihydrobenzofurans under aqueous conditions. Tetrahedron Letters, 2001, 42, 4361-4362.	1.4	21
67	Reassessment of PCDD/DFs and Co-PCBs toxicity in contaminated rice-bran oil responsible for the disease "Yu-Cheng". Chemosphere, 1997, 34, 1579-1586.	8.2	20
68	A Taiwanese study of 2,3,7,8-substituted PCDD/DFs and coplanar PCBs in fly ashes from incinerators. Journal of Hazardous Materials, 1998, 58, 83-91.	12.4	20
69	Simultaneous supercritical fluid extraction and chemical derivatization for the gas chromatographic-isotope dilution mass spectrometric determination of amphetamine and methamphetamine in urine. Biomedical Applications, 2001, 759, 17-26.	1.7	20
70	On-line derivatization gas chromatography with furan chemical ionization tandem mass spectrometry for screening of amphetamines in urine. Journal of Chromatography A, 2006, 1137, 76-83.	3.7	20
71	Synthesis of hierarchical porous ZnO microspheres and its photocatalytic deNO activity. Ceramics International, 2012, 38, 5053-5059.	4.8	20
72	Hierarchical ZnO nanostructures: controlling the synthesis and photocatalytic decomposition of nitrogen monoxide. RSC Advances, 2013, 3, 19154.	3.6	19

#	ARTICLE	IF	CITATIONS
73	Effects of mono-substituting chelating agents on BaTiO ₃ prepared by the sol-gel process. Journal of Materials Science, 1994, 29, 5625-5630.	3.7	18
74	Vanadium passivation of cracking catalysts by imaging secondary ion mass spectrometry. Applied Catalysis A: General, 1995, 121, 217-229.	4.3	18
75	Aqueous synthesis of dual-targeting Gd-doped CuInS ₂ /ZnS quantum dots for cancer-specific bi-modal imaging. New Journal of Chemistry, 2017, 41, 14161-14170.	2.8	18
76	Indium-Mediated Deoxygenation of Nitrones, N-Oxides and Deoxygenative Reductive Coupling of Nitrones to Vicinal Diamines. Synthetic Communications, 2000, 30, 3153-3160.	2.1	16
77	A simple and rapid method for identifying the source of spilled oil using an electronic nose: confirmation by gas chromatography with mass spectrometry. Rapid Communications in Mass Spectrometry, 2003, 17, 1873-1880.	1.5	16
78	Construction of 3D hierarchical SnO ₂ microspheres from porous nanosheets towards NO decomposition. Solid State Sciences, 2013, 15, 29-35.	3.2	16
79	Exploring the photothermal hot spots of graphene in the first and second biological window to inactivate cancer cells and pathogens. RSC Advances, 2016, 6, 63859-63866.	3.6	16
80	Morphological variation of multiwall carbon nanotubes in supercritical water oxidation. Applied Physics Letters, 2004, 85, 2613-2615.	3.3	15
81	Reaction monitoring of polyaniline film formation on carbon nanotubes with TOF-SIMS. Applied Surface Science, 2004, 231-232, 845-849.	6.1	14
82	Diffusion study of multi-organic layers in OLEDs by ToF-SIMS. Applied Surface Science, 2006, 252, 6594-6596.	6.1	14
83	Determination of δ^9 -tetrahydrocannabinol in indoor air as an indicator of marijuana cigarette smoking using adsorbent sampling and in-injector thermal desorption gas chromatography-mass spectrometry. Analytica Chimica Acta, 2007, 598, 103-109.	5.4	14
84	Holey C@ZnFe ₂ O ₄ Nanoflakes by Carbon Soot Layer Blasting Approach for High Performance Supercapacitors. ACS Applied Energy Materials, 2019, 2, 6693-6704.	5.1	14
85	Annealing atmosphere dependant properties of biosynthesized TiO ₂ anode for lithium ion battery application. Journal of Materials Science: Materials in Electronics, 2017, 28, 1472-1479.	2.2	13
86	The designing strategies of graphene-based peroxidase mimetic materials. Science China Chemistry, 2018, 61, 266-275.	8.2	13
87	Photosensitizer-conjugated Cu-In-S heterostructured nanorods for cancer targeted photothermal/photodynamic synergistic therapy. Materials Science and Engineering C, 2019, 97, 793-802.	7.3	13
88	Dioxins in Soil and Fish Samples from a Waste Pentachlorophenol Manufacturing Plant. Journal of the Chinese Chemical Society, 1997, 44, 545-552.	1.4	12
89	Rapid identification of trimethyl and triethyl amines using sulphonic acidic ionic liquids: A time-of-flight secondary ion mass spectrometry study of fragmentation reactions. Analytica Chimica Acta, 2012, 757, 48-55.	5.4	12
90	A novel graphene-based label-free fluorescence "turn-on" nanosensor for selective and sensitive detection of phosphorylated species in biological samples and living cells. Nanoscale, 2016, 8, 4547-4556.	5.6	12

#	ARTICLE	IF	CITATIONS
91	Graphene-based Nanomaterials: Versatile Catalysts for Carbon-Carbon Bond Forming Reactions. <i>Current Organic Chemistry</i> , 2016, 20, 1547-1566.	1.6	12
92	Synthesis, characterization and photocatalytic activity of Zn ²⁺ , Mn ²⁺ and Co ²⁺ doped SnO ₂ nanoparticles. <i>Biointerface Research in Applied Chemistry</i> , 2019, 9, 4199-4204.	1.0	12
93	Background Correction in Raman Spectroscopic Determination of Dimethylsulfone, Sulfate, and Bisulfate. <i>Applied Spectroscopy</i> , 1985, 39, 463-470.	2.2	11
94	Optimizing the gas chromatographic separation and detection of polychlorinated biphenyls by use of electronic pressure programming and experimental design. <i>Journal of High Resolution Chromatography</i> , 1994, 17, 784-791.	1.4	10
95	Improved adhesion of silicone rubber to polyurethane by induced surface reconstruction. <i>Journal of Applied Polymer Science</i> , 1998, 70, 1669-1675.	2.6	10
96	Hair dye distribution in human hair by ToF-SIMS. <i>Applied Surface Science</i> , 2006, 252, 6786-6788.	6.1	10
97	17-Beta Estradiol and Hydroxyestradiols Interact via the NF-Kappa B Pathway to Elevate Cyclooxygenase 2 Expression and Prostaglandin E2 Secretion in Human Bronchial Epithelial Cells. <i>Toxicological Sciences</i> , 2008, 104, 294-302.	3.1	10
98	One-pot Green Synthesis of Azides from Alcohols Using Brønsted Acidic Ionic Liquid [HMIM][BF ₄] as Solvent and Catalyst. <i>Journal of the Chinese Chemical Society</i> , 2014, 61, 737-742.	1.4	10
99	Aqueous synthesis of CuInZnS/ZnS quantum dots by using dual stabilizers: A targeting nanoprobe for cell imaging. <i>Materials Letters</i> , 2016, 173, 242-247.	2.6	10
100	Headspace sampling and gas chromatographic-mass spectrometric determination of amphetamine and methamphetamine in betel. <i>Journal of Chromatography A</i> , 1995, 715, 325-331.	3.7	9
101	Steric stabilization of sol-gel prepared BaTiO ₃ precursors with nonylphenoxypolyethoxyethanol. <i>Materials Chemistry and Physics</i> , 1999, 60, 132-136.	4.0	9
102	Colorimetric recognition of hydrazine in aqueous solution by a bromophenol blue-tethered ion-pair-like ratiometric probe. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 251, 119456.	3.9	9
103	Selective adduct formation by furan chemical ionization reagent in gas chromatography ion trap mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2003, 38, 401-408.	1.6	8
104	Transportation of silver nanoparticles in nanochannels of carbon nanotubes with supercritical water. Electronic supplementary information (ESI) available: Fig. S1. Ag nanoparticle drawn into MWNTs showing characteristic lattice fringes. See http://www.rsc.org/suppdata/cc/b3/b306540e/ . <i>Chemical Communications</i> , 2003, , 2362.	4.1	8
105	A biochemical sensing system using an 11-MUA/calix[6]arene bilayer to sense amine vapors. <i>Journal of Micromechanics and Microengineering</i> , 2007, 17, 1435-1441.	2.6	8
106	Synthesis and Characterization of Silver-Nanoparticle-Deposited β -Bi ₂ Mo ₃ O ₁₂ Nanorods. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 3342-3349.	2.0	8
107	ToF-SIMS study of official seals from Han Dynasty. <i>Applied Surface Science</i> , 2008, 255, 1534-1537.	6.1	8
108	Influences of Seven Taiwan-produced Adulterants on Gas Chromatographic-Mass Spectrometric (GC-MS) Urinalysis of Amphetamines. <i>Journal of the Chinese Chemical Society</i> , 2008, 55, 682-693.	1.4	8

#	ARTICLE	IF	CITATIONS
109	Design and optimization of sensitive analytical spectrophotometric method for micro determination of copper(II) from e-waste by using of novel chromogenic extractant. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 267, 120502.	3.9	8
110	Deposition of Air-Stable Zinc Nanoparticles on Glass Slides by the Solvent-Assisted Deposition in Plasma (SADIP) Method. <i>Journal of Physical Chemistry C</i> , 2009, 113, 14097-14101.	3.1	7
111	Molecular imaging of in vivo calcium ion expression in area postrema of total sleep deprived rats: Implications for cardiovascular regulation by TOF-SIMS analysis. <i>Applied Surface Science</i> , 2010, 256, 4456-4461.	6.1	7
112	Structural characterization of BaTiO ₃ films by sol-gel method using mono-substituting chelating agent. <i>Applied Surface Science</i> , 1996, 92, 155-158.	6.1	6
113	Chemical ionization of substituted naphthalenes using tetrahydrofuran as a reagent in gas chromatography with ion trap mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2003, 17, 811-815.	1.5	6
114	Tricyanovinyl substituted calix[4]pyrrole: an old yet new potential chemosensor for biothiols. <i>RSC Advances</i> , 2013, 3, 10150.	3.6	6
115	Crystal Structure of (R,S)-N,N'-Diphenyl-1,2-di(4-chlorophenyl)-1,2-ethylenediamine.. <i>Analytical Sciences</i> , 2000, 16, 189-191.	1.6	5
116	Impaired sodium levels in the suprachiasmatic nucleus are associated with the formation of cardiovascular deficiency in sleep-deprived rats. <i>Journal of Anatomy</i> , 2010, 217, 694-704.	1.5	5
117	ZnO nanoparticles enhancing secondary ion signals of <i>Escherichia coli</i> analyzed by ToF-SIMS. <i>Surface and Interface Analysis</i> , 2011, 43, 310-312.	1.8	5
118	Pt deposited TiO ₂ catalyst fabricated by thermal decomposition of titanium complex for solar hydrogen production. <i>Solid State Sciences</i> , 2014, 38, 18-24.	3.2	5
119	Synthesis of different metallochlorophyllins and quantification in food samples by reversed phase high performance liquid chromatography. <i>Natural Product Research</i> , 2019, 33, 3120-3126.	1.8	5
120	Determination of PCDD/DFs in paper clay samples. <i>Chemosphere</i> , 1995, 30, 1799-1803.	8.2	4
121	Atomic distribution in quantum dots: A ToF-SIMS study. <i>Applied Surface Science</i> , 2006, 252, 7003-7005.	6.1	4
122	ToF-SIMS study of chemical composition and formation of all-nanoparticle multilayer films. <i>Applied Surface Science</i> , 2008, 255, 981-983.	6.1	4
123	Morphology and Dopant Influence Electrical Properties and Stability of Multiwalled Carbon Nanotube-Polyaniline Composites. <i>Current Nanoscience</i> , 2010, 6, 59-68.	1.2	4
124	Development of a matrix-assisted laser desorption ionization mass spectrometric method for rapid process-monitoring of phthalocyanine compounds. <i>Analytica Chimica Acta</i> , 2012, 736, 69-77.	5.4	4
125	Magnetism-tuning strategies for graphene oxide based on magnetic oligoacene oxide patches model. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 3678-3686.	2.8	4
126	Development of a reliable analytical method for the precise extractive spectrophotometric determination of cadmium(II) by using of chromogenic reagent: analysis of real samples. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 4158-4177.	3.3	4

#	ARTICLE	IF	CITATIONS
127	Characterization of the Effects of Vanadium Traps in Cracking Catalysts by Imaging Secondary Ion Mass Spectrometry and Microactivity Test. Journal of the Chinese Chemical Society, 1997, 44, 553-558.	1.4	3
128	Interdiffusion in (Pb _{1-x} La _x)(Zr _y Ti _{1-y}) _{1-x} /4O ₃ /SrRuO ₃ Multilayer Thin Films Examined by Secondary Ions Mass Spectroscopy. Japanese Journal of Applied Physics, 1998, 37, 4533-4538.	1.5	3
129	Crystal Structure of (R [*] ,R [*])-N,N'-Di(4-bromophenyl)-1,2-di(2-hydroxyphenyl)-1,2-ethylenediamine·2DMSO. Analytical Sciences, 2000, 16, 193-194.	1.6	3
130	ToF-SIMS study of growth behavior in all-nanoparticle multilayer films using a novel indicator layer. Applied Surface Science, 2008, 255, 977-980.	6.1	3
131	Up-regulation of Na ⁺ expression in the area postrema of total sleep deprived rats by TOF-SIMS analysis. Applied Surface Science, 2008, 255, 1135-1138.	6.1	3
132	Synthesis, characterization, photo and physicochemical properties of 11-mercaptoundecanoic acid and tetraaniline capped CdS quantum dots. Materials Chemistry and Physics, 2010, 123, 742-746.	4.0	3
133	A Hydrosilylation Approach to Silicon-Bridged Functional Dipyrromethanes: Introducing Silicon to A New Arena. Chemistry - an Asian Journal, 2020, 15, 66-71.	3.3	3
134	Chemometric analysis of Al ⁺ -Si ⁺ -Cu metallization process for very large scale integrated circuits. Analytica Chimica Acta, 1992, 267, 111-120.	5.4	2
135	Crystal Structure of (R [*] ,R [*])-N,N'-Di(2-chlorophenyl)-1,2-di(2-hydroxyphenyl)-1,2-ethylenediamine DMSO.. Analytical Sciences, 2000, 16, 1363-1364.	1.6	2
136	TOF-SIMS study of pyridine intercalated nanorods of bismuth molybdate. Applied Surface Science, 2004, 231-232, 840-844.	6.1	2
137	The Need for Strategic Environmental Assessment of Fishery Products Regulations in the Taiwan Strait: Taking Health Perspectives of Organochlorine Pesticides in Seafood as an Example. Human and Ecological Risk Assessment (HERA), 2006, 12, 390-401.	3.4	2
138	Layer-by-layer engineered polyelectrolyte microcapsules studied by ToF-SIMS and related analytical techniques. Surface and Interface Analysis, 2011, 43, 649-653.	1.8	2
139	Microanalysis Using Secondary Ion Mass Spectrometry. Journal of the Chinese Chemical Society, 1994, 41, 329-333.	1.4	1
140	Ionization Efficiency of Dicopper Complex in Electrospray Ionization Mass Spectrometry. Journal of the Chinese Chemical Society, 1994, 41, 711-717.	1.4	1
141	Microwave-Assisted Preparation of Carbon Nanotubes with Versatile Functionality. , 2011, , .		1
142	Analysis of a Mastoparan B Isolated from the Hornet (<i>Vespa basalis</i>) Venom by Fast Atom Bombardment Mass Spectrometry with B/E Linked Scan. Spectroscopy Letters, 1992, 25, 245-255.	1.0	0
143	OPSAES: Organic Pollutants Sampling and Analysis Expert System. Journal of the Chinese Chemical Society, 1994, 41, 89-95.	1.4	0
144	Growth behavior of pulsed-laser-deposited PLZTO thin films. AICHE Journal, 1997, 43, 2857-2864.	3.6	0

#	ARTICLE	IF	CITATIONS
145	Improvement on ferroelectric properties of $(\text{Pb}_{1-x}\text{La}_x)(\text{Zr}_y\text{Ti}_{1-y})_{1-x}/4\text{O}_3$ thin films by using metallic Ru as intermediate layers. Integrated Ferroelectrics, 1998, 21, 63-71.	0.7	0
146	A Special Issue for Green & Sustainable Chemistry. Journal of the Chinese Chemical Society, 2014, 61, 711-711.	1.4	0