

Yong-Chien Ling

List of Publications by Year in descending order

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146
papers

5,640
citations

76196

40
h-index

88477

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.	7.3	528
2	Preparation and characterization of ZnO nanoparticles coated paper and its antibacterial activity study. Green Chemistry, 2006, 8, 1034.	4.6	354
3	Multi-functional graphene as an in vitro and in vivo imaging probe. Biomaterials, 2012, 33, 2532-2545.	5.7	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.	3.2	235
5	Oriented assembly of Au nanorods using biorecognition system. Chemical Communications, 2005, , 1092.	2.2	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.	4.0	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.	5.7	168
8	Graphene-Based Nanomaterials as Efficient Peroxidase Mimetic Catalysts for Biosensing Applications: An Overview. Molecules, 2015, 20, 14155-14190.	1.7	123
9	Photocatalytic reduction of CO ₂ on FeTiO ₃ /TiO ₂ photocatalyst. Catalysis Communications, 2012, 19, 85-89.	1.6	118
10	Graphene-Based Nanomaterials as Heterogeneous Acid Catalysts: A Comprehensive Perspective. Molecules, 2014, 19, 14582-14614.	1.7	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.	0.7	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.	2.5	112
13	Rapid fabrication of carbon quantum dots as multifunctional nanovehicles for dual-modal targeted imaging and chemotherapy. Acta Biomaterialia, 2016, 46, 151-164.	4.1	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.	2.2	81
15	Single-walled carbon nanotube coated antibacterial paper: preparation and mechanistic study. Journal of Materials Chemistry B, 2013, 1, 2639.	2.9	79
16	XPS study of fluorinated carbon multi-walled nanotubes. Journal of Electron Spectroscopy and Related Phenomena, 2007, 160, 22-28.	0.8	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.	4.6	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.	4.2	73

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19	In situ thermo-TOF-SIMS study of thermal decomposition of zinc acetate dihydrate. <i>Journal of Mass Spectrometry</i> , 2004, 39, 1202-1208.	0.7	70
20	Palladium-Catalyzed Tandem Dimerization and Cyclization of Acetylenic Ketones: A Convenient Method for 3,3'-Bifurans Using PdCl ₂ (PPh ₃) ₂ . <i>Journal of Organic Chemistry</i> , 2001, 66, 6014-6020.	1.7	66
21	Magnetic nano-adsorbent integrated with lab-on-valve system for trace analysis of multiple heavy metals. <i>Journal of Analytical Atomic Spectrometry</i> , 2009, 24, 320.	1.6	64
22	Quantum dot 705, a cadmium-based nanoparticle, induces persistent inflammation and granuloma formation in the mouse lung. <i>Nanotoxicology</i> , 2013, 7, 105-115.	1.6	61
23	Depositing silver nanoparticles on/in a glass slide by the sonochemical method. <i>Nanotechnology</i> , 2008, 19, 435604.	1.3	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. <i>Scientific Reports</i> , 2020, 10, 12993.	1.6	59
25	Correlation Study of Antioxidant Activity with Phenolic and Flavonoid Compounds in 12 Indonesian Indigenous Herbs. <i>Antioxidants</i> , 2021, 10, 1530.	2.2	58
26	A total diet study to estimate PCDD/Fs and dioxin-like PCBs intake from food in Taiwan. <i>Chemosphere</i> , 2007, 67, S65-S70.	4.2	56
27	Sulfonated graphene as highly efficient and reusable acid carbocatalyst for the synthesis of ester plasticizers. <i>RSC Advances</i> , 2014, 4, 57297-57307.	1.7	54
28	Synthesis of Cisplatin(IV) Prodrug-Tethered CuFeS ₂ Nanoparticles in Tumor-Targeted Chemotherapy and Photothermal Therapy. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 4590-4602.	4.0	54
29	Heteroatom doped carbon dots with nanoenzyme like properties as theranostic platforms for free radical scavenging, imaging, and chemotherapy. <i>Acta Biomaterialia</i> , 2020, 114, 343-357.	4.1	52
30	Estimation of metal and organochlorine pesticide exposures and potential health threat by consumption of oysters in Taiwan. <i>Environmental Pollution</i> , 2000, 109, 147-156.	3.7	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. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 799, 37-50.	1.2	50
32	Silver nanoparticles spontaneous organize into nanowires and nanobanners in supercritical water. <i>Chemical Physics Letters</i> , 2003, 379, 261-267.	1.2	48
33	Synthesis of nitrogen-doped graphene by pyrolysis of ionic-liquid-functionalized graphene. <i>Journal of Materials Chemistry C</i> , 2013, 1, 1713.	2.7	48
34	Versatilities of graphene-based catalysts in organic transformations. <i>Green Materials</i> , 2013, 1, 47-61.	1.1	47
35	Determination of synthetic and natural colorants in selected green colored foodstuffs through reverse phase-high performance liquid chromatography. <i>Food Chemistry</i> , 2019, 278, 381-387.	4.2	47
36	Microscale Size Triangular Gold Prisms Synthesized Using Bengal Gram Beans (<i>Cicer arietinum</i>) <i>Nanoscience and Nanotechnology</i> , 2006, 6, 3746-3751.	0.9	46

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37	Synthesis of a hybrid material consisting of magnetic iron-oxide nanoparticles and carbon nanotubes as a gas adsorbent. <i>Carbon</i> , 2010, 48, 1397-1404.	5.4	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. <i>Composites Part B: Engineering</i> , 2019, 167, 44-50.	5.9	45
39	Quantum dots induced monocyte chemotactic protein-1 expression via MyD88-dependent Toll-like receptor signaling pathways in macrophages. <i>Toxicology</i> , 2013, 308, 1-9.	2.0	43
40	Opening and thinning of multiwall carbon nanotubes in supercritical water. <i>Chemical Physics Letters</i> , 2002, 363, 583-590.	1.2	42
41	Sleep deprivation predisposes liver to oxidative stress and phospholipid damage: a quantitative molecular imaging study. <i>Journal of Anatomy</i> , 2008, 212, 295-305.	0.9	42
42	Detection of water-soluble vitamins by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry using porphyrin matrices. <i>Journal of Mass Spectrometry</i> , 2002, 37, 716-730.	0.7	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. <i>Solar Energy</i> , 2016, 137, 401-408.	2.9	40
44	Waste chicken eggshell as low-cost precursor for efficient synthesis of nitrogen-doped fluorescent carbon nanodots and their multi-functional applications. <i>RSC Advances</i> , 2014, 4, 58329-58336.	1.7	39
45	Graphene-based nanomaterials as molecular imaging agents. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2015, 7, 737-758.	3.3	38
46	Ultrasound-assisted green economic synthesis of hydroxyapatite nanoparticles using eggshell biowaste and study of mechanical and biological properties for orthopedic applications. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 2935-2947.	2.1	36
47	Development and validation of TOF-SIMS and CLSM imaging method for cytotoxicity study of ZnO nanoparticles in HaCaT cells. <i>Journal of Hazardous Materials</i> , 2014, 277, 3-12.	6.5	35
48	CuCo ₂ O ₄ Nanorods Coated with CuO Nanoneedles for Supercapacitor Applications. <i>ACS Applied Nano Materials</i> , 2021, 4, 12702-12711.	2.4	34
49	Carbon nanotubes prevent 2,2,2 trifluoroethanol induced aggregation of protein. <i>Carbon</i> , 2007, 45, 1586-1589.	5.4	33
50	PCDD/DFS and coplanar pcbs in sediment and fish samples from the Er-Jen river in Taiwan. <i>Chemosphere</i> , 1995, 31, 2863-2872.	4.2	32
51	Palladium Catalyzed Transformation of Acyclic Units to Furans. <i>Current Organic Chemistry</i> , 2002, 6, 841-864.	0.9	32
52	In situ monitoring of NiO-Al ₂ O ₃ nanoparticles synthesis by thermo-Raman spectroscopy. <i>Materials Chemistry and Physics</i> , 2010, 119, 86-92.	2.0	30
53	Phenylboronic acid-modified magnetic nanoparticles as a platform for carbon dot conjugation and doxorubicin delivery. <i>Journal of Materials Chemistry B</i> , 2015, 3, 5532-5543.	2.9	29
54	A highly selective phenothiazine-based fluorescence "turn-on" indicator based on cyanide-promoted novel protection/deprotection mechanism. <i>Chemical Communications</i> , 2015, 51, 8809-8812.	2.2	29

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55	Pyridine intercalative sonochemical synthesis and characterization of $\hat{\pm}$ -Bi ₂ Mo ₃ O ₁₂ phase nanorods. <i>Chemical Physics Letters</i> , 2004, 383, 208-213.	1.2	28
56	Graphene Oxide-Based Magnetic Solid Phase Extraction Combined with High Performance Liquid Chromatography for Determination of Patulin in Apple Juice. <i>Food Analytical Methods</i> , 2017, 10, 210-218.	1.3	28
57	Highly efficient synthesis of N-confused meso-tetraspirocyclohexyl calix[4]pyrrole using Brønsted acidic ionic liquids as catalysts. <i>Tetrahedron Letters</i> , 2012, 53, 5674-5677.	0.7	27
58	Albumin-functionalized CuFeS ₂ /photosensitizer nanohybrid for single-laser-induced folate receptor-targeted photothermal and photodynamic therapy. <i>Materials Science and Engineering C</i> , 2019, 101, 179-189.	3.8	27
59	Facile synthesis of gold/gadolinium-doped carbon quantum dot nanocomposites for magnetic resonance imaging and photothermal ablation therapy. <i>Journal of Materials Chemistry B</i> , 2017, 5, 6282-6291.	2.9	26
60	Near infrared light activatable PEI-wrapped bismuth selenide nanocomposites for photothermal/photodynamic therapy induced bacterial inactivation and dye degradation. <i>RSC Advances</i> , 2018, 8, 19827-19834.	1.7	26
61	A novel palladium-catalyzed tandem dimerization and cyclization of acetylenic ketones. A convenient method for 3,3- $\hat{\epsilon}$ -bifurans. <i>Tetrahedron Letters</i> , 1999, 40, 4841-4844.	0.7	25
62	Marigold micro-flower like NiCo ₂ O ₄ grown on flexible stainless-steel mesh as an electrode for supercapacitors. <i>RSC Advances</i> , 2021, 11, 3666-3672.	1.7	25
63	An on-line microfluidic device coupled with inductively coupled plasma mass spectrometry for chromium speciation. <i>Journal of Analytical Atomic Spectrometry</i> , 2013, 28, 1320.	1.6	24
64	Simultaneous Multicomponent Quantitative Analysis by Infrared Absorption Spectroscopy. <i>Applied Spectroscopy</i> , 1984, 38, 663-668.	1.2	23
65	A phenothiazine-based colorimetric chemodosimeter for the rapid detection of cyanide anions in organic and aqueous media. <i>RSC Advances</i> , 2014, 4, 36344.	1.7	22
66	Indium-mediated tandem dimerization and cyclization of nitrones and aldimines to 3-arylamino-dihydrobenzofurans under aqueous conditions. <i>Tetrahedron Letters</i> , 2001, 42, 4361-4362.	0.7	21
67	Reassessment of PCDD/DFs and Co-PCBs toxicity in contaminated rice-bran oil responsible for the disease "Yu-Cheng". <i>Chemosphere</i> , 1997, 34, 1579-1586.	4.2	20
68	A Taiwanese study of 2,3,7,8-substituted PCDD/DFs and coplanar PCBs in fly ashes from incinerators. <i>Journal of Hazardous Materials</i> , 1998, 58, 83-91.	6.5	20
69	Simultaneous supercritical fluid extraction and chemical derivatization for the gas chromatographic-isotope dilution mass spectrometric determination of amphetamine and methamphetamine in urine. <i>Biomedical Applications</i> , 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. <i>Journal of Chromatography A</i> , 2006, 1137, 76-83.	1.8	20
71	Synthesis of hierarchical porous ZnO microspheres and its photocatalytic deNO activity. <i>Ceramics International</i> , 2012, 38, 5053-5059.	2.3	20
72	Hierarchical ZnO nanostructures: controlling the synthesis and photocatalytic decomposition of nitrogen monoxide. <i>RSC Advances</i> , 2013, 3, 19154.	1.7	19

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73	Effects of mono-substituting chelating agents on BaTiO ₃ prepared by the sol-gel process. <i>Journal of Materials Science</i> , 1994, 29, 5625-5630.	1.7	18
74	Vanadium passivation of cracking catalysts by imaging secondary ion mass spectrometry. <i>Applied Catalysis A: General</i> , 1995, 121, 217-229.	2.2	18
75	Aqueous synthesis of dual-targeting Gd-doped CuInS ₂ /ZnS quantum dots for cancer-specific bi-modal imaging. <i>New Journal of Chemistry</i> , 2017, 41, 14161-14170.	1.4	18
76	Indium-Mediated Deoxygenation of Nitrones, N-Oxides and Deoxygenative Reductive Coupling of Nitrones to Vicinal Diamines. <i>Synthetic Communications</i> , 2000, 30, 3153-3160.	1.1	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. <i>Rapid Communications in Mass Spectrometry</i> , 2003, 17, 1873-1880.	0.7	16
78	Construction of 3D hierarchical SnO ₂ microspheres from porous nanosheets towards NO decomposition. <i>Solid State Sciences</i> , 2013, 15, 29-35.	1.5	16
79	Exploring the photothermal hot spots of graphene in the first and second biological window to inactivate cancer cells and pathogens. <i>RSC Advances</i> , 2016, 6, 63859-63866.	1.7	16
80	Morphological variation of multiwall carbon nanotubes in supercritical water oxidation. <i>Applied Physics Letters</i> , 2004, 85, 2613-2615.	1.5	15
81	Reaction monitoring of polyaniline film formation on carbon nanotubes with TOF-SIMS. <i>Applied Surface Science</i> , 2004, 231-232, 845-849.	3.1	14
82	Diffusion study of multi-organic layers in OLEDs by ToF-SIMS. <i>Applied Surface Science</i> , 2006, 252, 6594-6596.	3.1	14
83	Determination of ¹¹ 9-tetrahydrocannabinol in indoor air as an indicator of marijuana cigarette smoking using adsorbent sampling and in-injector thermal desorption gas chromatography-mass spectrometry. <i>Analytica Chimica Acta</i> , 2007, 598, 103-109.	2.6	14
84	Holey C@ZnFe ₂ O ₄ Nanoflakes by Carbon Soot Layer Blasting Approach for High Performance Supercapacitors. <i>ACS Applied Energy Materials</i> , 2019, 2, 6693-6704.	2.5	14
85	Annealing atmosphere dependant properties of biosynthesized TiO ₂ anode for lithium ion battery application. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 1472-1479.	1.1	13
86	The designing strategies of graphene-based peroxidase mimetic materials. <i>Science China Chemistry</i> , 2018, 61, 266-275.	4.2	13
87	Photosensitizer-conjugated Cu-In-S heterostructured nanorods for cancer targeted photothermal/photodynamic synergistic therapy. <i>Materials Science and Engineering C</i> , 2019, 97, 793-802.	3.8	13
88	Dioxins in Soil and Fish Samples from a Waste Pentachlorophenol Manufacturing Plant. <i>Journal of the Chinese Chemical Society</i> , 1997, 44, 545-552.	0.8	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. <i>Analytica Chimica Acta</i> , 2012, 757, 48-55.	2.6	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. <i>Nanoscale</i> , 2016, 8, 4547-4556.	2.8	12

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91	Graphene-based Nanomaterials: Versatile Catalysts for Carbon-Carbon Bond Forming Reactions. <i>Current Organic Chemistry</i> , 2016, 20, 1547-1566.	0.9	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.	1.2	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.	2.0	10
95	Improved adhesion of silicone rubber to polyurethane by induced surface reconstruction. <i>Journal of Applied Polymer Science</i> , 1998, 70, 1669-1675.	1.3	10
96	Hair dye distribution in human hair by ToF-SIMS. <i>Applied Surface Science</i> , 2006, 252, 6786-6788.	3.1	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.	1.4	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.	0.8	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.	1.3	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.	1.8	9
101	Steric stabilization of sol-gel prepared BaTiO ₃ precursors with nonylphenoxypolyethoxyethanol. <i>Materials Chemistry and Physics</i> , 1999, 60, 132-136.	2.0	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.	2.0	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.	0.7	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.	2.2	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.	1.5	8
106	Synthesis and Characterization of Silver-Nanoparticle-Deposited Bi ₂ Mo ₃ O ₁₂ Nanorods. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 3342-3349.	1.0	8
107	ToF-SIMS study of official seals from Han Dynasty. <i>Applied Surface Science</i> , 2008, 255, 1534-1537.	3.1	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.	0.8	8

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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.	2.0	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.	1.5	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.	3.1	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.	3.1	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.	0.7	6
114	Tricyanovinyl substituted calix[4]pyrrole: an old yet new potential chemosensor for biothiols. <i>RSC Advances</i> , 2013, 3, 10150.	1.7	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.	0.8	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.	0.9	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.	0.8	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.	1.5	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.	1.0	5
120	Determination of PCDD/DFs in paper clay samples. <i>Chemosphere</i> , 1995, 30, 1799-1803.	4.2	4
121	Atomic distribution in quantum dots: A ToF-SIMS study. <i>Applied Surface Science</i> , 2006, 252, 7003-7005.	3.1	4
122	ToF-SIMS study of chemical composition and formation of all-nanoparticle multilayer films. <i>Applied Surface Science</i> , 2008, 255, 981-983.	3.1	4
123	Morphology and Dopant Influence Electrical Properties and Stability of Multiwalled Carbon Nanotube-Polyaniline Composites. <i>Current Nanoscience</i> , 2010, 6, 59-68.	0.7	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.	2.6	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.	1.3	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.	1.8	4

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127	Characterization of the Effects of Vanadium Traps in Cracking Catalysts by Imaging Secondary Ion Mass Spectrometry and Microactivity Test. <i>Journal of the Chinese Chemical Society</i> , 1997, 44, 553-558.	0.8	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. <i>Japanese Journal of Applied Physics</i> , 1998, 37, 4533-4538.	0.8	3
129	Crystal Structure of (R [*]) ₂ N,N'-Di(4-bromophenyl)-1,2-di(2-hydroxyphenyl)-1,2-ethylenediamine·2DMSO. <i>Analytical Sciences</i> , 2000, 16, 193-194.	0.8	3
130	ToF-SIMS study of growth behavior in all-nanoparticle multilayer films using a novel indicator layer. <i>Applied Surface Science</i> , 2008, 255, 977-980.	3.1	3
131	Up-regulation of Na ⁺ expression in the area postrema of total sleep deprived rats by TOF-SIMS analysis. <i>Applied Surface Science</i> , 2008, 255, 1135-1138.	3.1	3
132	Synthesis, characterization, photo and physicochemical properties of 11-mercaptoundecanoic acid and tetraaniline capped CdS quantum dots. <i>Materials Chemistry and Physics</i> , 2010, 123, 742-746.	2.0	3
133	A Hydrosilylation Approach to Silicon-Bridged Functional Dipyrromethanes: Introducing Silicon to A New Arena. <i>Chemistry - an Asian Journal</i> , 2020, 15, 66-71.	1.7	3
134	Chemometric analysis of Al ⁺ -Si ⁺ -Cu metallization process for very large scale integrated circuits. <i>Analytica Chimica Acta</i> , 1992, 267, 111-120.	2.6	2
135	Crystal Structure of (R [*]) ₂ N,N'-Di(2-chlorophenyl)-1,2-di(2-hydroxyphenyl)-1,2-ethylenediamine DMSO.. <i>Analytical Sciences</i> , 2000, 16, 1363-1364.	0.8	2
136	TOF-SIMS study of pyridine intercalated nanorods of bismuth molybdate. <i>Applied Surface Science</i> , 2004, 231-232, 840-844.	3.1	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. <i>Human and Ecological Risk Assessment (HERA)</i> , 2006, 12, 390-401.	1.7	2
138	Layer-by-layer engineered polyelectrolyte microcapsules studied by ToF-SIMS and related analytical techniques. <i>Surface and Interface Analysis</i> , 2011, 43, 649-653.	0.8	2
139	Microanalysis Using Secondary Ion Mass Spectrometry. <i>Journal of the Chinese Chemical Society</i> , 1994, 41, 329-333.	0.8	1
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