

# Long Yuan

## List of Publications by Year in descending order

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135  
papers

4,170  
citations

126858

33  
h-index

138417

58  
g-index

140  
all docs

140  
docs citations

140  
times ranked

6910  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exciton dynamics and annihilation in WS <sub>2</sub> 2D semiconductors. <i>Nanoscale</i> , 2015, 7, 7402-7408.	2.8	388
2	Twist-angle-dependent interlayer exciton diffusion in WS <sub>2</sub> /WSe <sub>2</sub> heterobilayers. <i>Nature Materials</i> , 2020, 19, 617-623.	13.3	193
3	Exciton Dynamics, Transport, and Annihilation in Atomically Thin Two-Dimensional Semiconductors. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 3371-3379.	2.1	169
4	Long-range exciton transport and slow annihilation in two-dimensional hybrid perovskites. <i>Nature Communications</i> , 2020, 11, 664.	5.8	167
5	Photocarrier generation from interlayer charge-transfer transitions in WS <sub>2</sub> -graphene heterostructures. <i>Science Advances</i> , 2018, 4, e1700324.	4.7	160
6	Carbon-protected bimetallic carbide nanoparticles for a highly efficient alkaline hydrogen evolution reaction. <i>Nanoscale</i> , 2015, 7, 3130-3136.	2.8	133
7	Highly mobile charge-transfer excitons in two-dimensional WS <sub>2</sub> /tetracene heterostructures. <i>Science Advances</i> , 2018, 4, eaao3104.	4.7	132
8	Sn/Ni <sub>3</sub> S <sub>2</sub> Ultrathin Nanosheets as Efficient Bifunctional Water-Splitting Catalysts with a Large Current Density and Low Overpotential. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 40568-40576.	4.0	113
9	Beneficial and Adverse Effects of an LXR Agonist on Human Lipid and Lipoprotein Metabolism and Circulating Neutrophils. <i>Cell Metabolism</i> , 2016, 24, 223-233.	7.2	109
10	Engineering the surface of perovskite La <sub>0.5</sub> Sr <sub>0.5</sub> MnO <sub>3</sub> for catalytic activity of CO oxidation. <i>Chemical Communications</i> , 2014, 50, 9200-9203.	2.2	84
11	Improved Doping and Emission Efficiencies of Mn-Doped CsPbCl <sub>3</sub> Perovskite Nanocrystals via Nickel Chloride. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 4177-4184.	2.1	79
12	Extrinsic and Dynamic Edge States of Two-Dimensional Lead Halide Perovskites. <i>ACS Nano</i> , 2019, 13, 1635-1644.	7.3	79
13	Crystal facet tailoring arts in perovskite oxides. <i>Inorganic Chemistry Frontiers</i> , 2015, 2, 965-981.	3.0	78
14	Ultrafast Dynamic Microscopy of Carrier and Exciton Transport. <i>Annual Review of Physical Chemistry</i> , 2019, 70, 219-244.	4.8	75
15	Direct Chemical-Vapor-Deposition-Fabricated, Large-Scale Graphene Glass with High Carrier Mobility and Uniformity for Touch Panel Applications. <i>ACS Nano</i> , 2016, 10, 11136-11144.	7.3	69
16	Antioxidant Effects of Lycopene in African American Men with Prostate Cancer or Benign Prostate Hyperplasia: A Randomized, Controlled Trial. <i>Cancer Prevention Research</i> , 2011, 4, 711-718.	0.7	67
17	Activation of Surface Oxygen Sites in a Cobalt-Based Perovskite Model Catalyst for CO Oxidation. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 4146-4154.	2.1	67
18	γ-MnO <sub>2</sub> /Mn <sub>3</sub> O <sub>4</sub> Nanocomposite for Photochemical Water Oxidation: Active Structure Stabilized in the Interface. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 27825-27831.	4.0	60

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19	Hydrogenated bilayer wurtzite SiC nanofilms: a two-dimensional bipolar magnetic semiconductor material. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 497-503.	1.3	55
20	Ultrafast Imaging of Carrier Transport across Grain Boundaries in Hybrid Perovskite Thin Films. <i>ACS Energy Letters</i> , 2018, 3, 1402-1408.	8.8	55
21	Diamondization of chemically functionalized graphene and grapheneâ€“BN bilayers. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 8179.	1.3	52
22	From solid-state metal alkoxides to nanostructured oxides: a precursor-directed synthetic route to functional inorganic nanomaterials. <i>Inorganic Chemistry Frontiers</i> , 2015, 2, 198-212.	3.0	48
23	Crystal Shape Tailoring in Perovskite Structure Rare-Earth Ferrites REFeO <sub>3</sub> (RE = La, Pr, Sm,) <i>Tj ETQq1 1 0.784314 rgBT /OV Design</i> , 2016, 16, 6522-6530.	1.4	46
24	Molten Salt Flux Synthesis, Crystal Facet Design, Characterization, Electronic Structure, and Catalytic Properties of Perovskite Cobaltite. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 28219-28231.	4.0	46
25	Systematic evaluation of the root cause of nonâ€“linearity in liquid chromatography/tandem mass spectrometry bioanalytical assays and strategy to predict and extend the linear standard curve range. <i>Rapid Communications in Mass Spectrometry</i> , 2012, 26, 1465-1474.	0.7	44
26	Catalytic behavior of electrospinning synthesized La <sub>0.75</sub> Sr <sub>0.25</sub> MnO <sub>3</sub> nanofibers in the oxidation of CO and CH <sub>4</sub> . <i>Chemical Engineering Journal</i> , 2014, 244, 27-32.	6.6	42
27	Low temperature hydrothermal synthesis, structure and magnetic properties of RECrO <sub>3</sub> (RE = La, Pr, Nd, Sm). <i>Dalton Transactions</i> , 2015, 44, 17201-17208.	1.6	42
28	Simple and efficient digestion of a monoclonal antibody in serum using pellet digestion: comparison with traditional digestion methods in LCâ€“MS/MS bioanalysis. <i>Bioanalysis</i> , 2012, 4, 2887-2896.	0.6	39
29	Hydrothermal synthesis and magnetic properties of REFe <sub>0.5</sub> Cr <sub>0.5</sub> O <sub>3</sub> (RE = La, Tb, Ho, Er, Yb, Lu and Y) perovskite. <i>New Journal of Chemistry</i> , 2014, 38, 1168.	1.4	39
30	Continuous Meltâ€“Drawing of Highly Aligned Flexible and Stretchable Semiconducting Microfibers for Organic Electronics. <i>Advanced Functional Materials</i> , 2018, 28, 1705584.	7.8	39
31	Nanoscale Architecture of RuO <sub>2</sub> /La <sub>0.9</sub> Fe <sub>0.92</sub> Ru <sub>0.08</sub> â€“xâ€“O <sub>3</sub> Composite via Manipulating the Exsolution of Low Ru-Substituted A-Site Deficient Perovskite. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 11999-12005.	3.2	39
32	Research on photonic crystal fiber based on a surface plasmon resonance sensor with segmented silver-titanium dioxide film. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2020, 37, 736.	0.9	39
33	â€œCenter punchâ€“and â€œwhole spotâ€“bioanalysis of apixaban in human dried blood spot samples by UHPLC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 988, 66-74.	1.2	38
34	Solar selective absorbers with foamed nanostructure prepared by hydrothermal method on stainless steel. <i>Solar Energy Materials and Solar Cells</i> , 2016, 146, 99-106.	3.0	36
35	Growth orientation, shape evolution of monodisperse PbSe nanocrystals and their use in optoelectronic devices. <i>CrystEngComm</i> , 2013, 15, 597-603.	1.3	34
36	Systematic investigation of orthogonal SPE sample preparation for the LCâ€“MS/MS bioanalysis of a monoclonal antibody after pellet digestion. <i>Bioanalysis</i> , 2013, 5, 2379-2391.	0.6	32

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37	Structure, optical spectroscopy properties and thermochromism of $\text{Sm}_{3-x}\text{Fe}_5\text{O}_{12}$ garnets. <i>Journal of Materials Chemistry C</i> , 2016, 4, 10529-10537.	2.7	32
38	Cation Segregation of A-Site Deficiency Perovskite $\text{La}_{0.85}\text{FeO}_3$ Nanoparticles toward High-Performance Cathode Catalysts for Rechargeable $\text{Li-O}_2$ Battery. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 25465-25472.	4.0	31
39	D-Shaped Photonic Crystal Fiber Plasmonic Sensor Based on Silver-Titanium Dioxide Composite Micro-grating. <i>Plasmonics</i> , 2021, 16, 2049-2059.	1.8	30
40	Estrogen Receptor $\alpha$ Enhances the Rate of Oxidative DNA Damage by Targeting an Equine Estrogen Catechol Metabolite to the Nucleus. <i>Journal of Biological Chemistry</i> , 2009, 284, 8633-8642.	1.6	29
41	Composition dependent magnetic and ferroelectric properties of hydrothermally synthesized $\text{GdFe}_{1-x}\text{Cr}_x\text{O}_3$ (0.1 $\leq x \leq$ 0.9) perovskites. <i>Dalton Transactions</i> , 2017, 46, 5930-5937.	1.6	27
42	High ionic conductivity Y doped $\text{Li}_{1.3}\text{Al}_{0.3}\text{Ti}_{1.7}(\text{PO}_4)_3$ solid electrolyte. <i>Journal of Alloys and Compounds</i> , 2019, 782, 384-391.	2.8	27
43	Hydrothermal synthesis and photoluminescence properties of rare-earth niobate and tantalate nanophosphors. <i>Dalton Transactions</i> , 2013, 42, 8041.	1.6	26
44	Solvent-Free Synthesis and Hexadecane Hydroisomerization Performance of SAPO-11 Catalyst. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 2599-2606.	1.0	26
45	Jahn-Teller Disproportionation Induced Exfoliation of Unit-Cell Scale $\mu\text{-MnO}_2$ . <i>Angewandte Chemie - International Edition</i> , 2020, 59, 22659-22666.	7.2	26
46	Crystal facet control of $\text{LaFeO}_3$ , $\text{LaCrO}_3$ , and $\text{La}_{0.75}\text{Sr}_{0.25}\text{MnO}_3$ . <i>CrystEngComm</i> , 2014, 16, 2874.	1.3	25
47	Hydrothermal syntheses and photoluminescence properties of rare-earth tungstate as near ultraviolet type red phosphors. <i>New Journal of Chemistry</i> , 2014, 38, 1441.	1.4	25
48	In-situ optical and structural insight of reversible thermochromic materials of $\text{Sm}_{3-x}\text{Bi}_x\text{Fe}_5\text{O}_{12}$ (x = 0, 1). <i>Journal of Materials Chemistry C</i> , 2017, 5, 10529-10537.	2.6	25
49	Water-assisted synthesis of shape-specific $\text{BiOCl}$ nanoflowers with enhanced adsorption and photosensitized degradation of rhodamine B. <i>Environmental Chemistry Letters</i> , 2020, 18, 243-249.	8.3	23
50	Realization of interstitial boron ordering and optimal near-surface electronic structure in Pd-B alloy electrocatalysts. <i>Chemical Engineering Journal</i> , 2021, 419, 129568.	6.6	23
51	Electrochromic response of pulsed laser deposition prepared $\text{WO}_3/\text{TiO}_2$ composite film. <i>RSC Advances</i> , 2014, 4, 47670-47676.	1.7	22
52	Application of a stabilizer cocktail of N-ethylmaleimide and phenylmethanesulfonyl fluoride to concurrently stabilize the disulfide and ester containing compounds in a plasma LC-MS/MS assay. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 88, 552-561.	1.4	22
53	Hydrothermal preparation of perovskite structures $\text{DyCrO}_3$ and $\text{HoCrO}_3$ . <i>Dalton Transactions</i> , 2016, 45, 17593-17597.	1.6	22
54	Ultra-low reflection $\text{CuO}$ nanowire array in-situ grown on copper sheet. <i>Materials and Design</i> , 2017, 113, 297-304.	3.3	21

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55	Low-temperature hydrothermal fabrication of Fe <sub>3</sub> O <sub>4</sub> nanostructured solar selective absorption films. <i>Applied Surface Science</i> , 2018, 458, 629-637.	3.1	21
56	A User-Friendly Robotic Sample Preparation Program for Fully Automated Biological Sample Pipetting and Dilution to Benefit the Regulated Bioanalysis. <i>Journal of the Association for Laboratory Automation</i> , 2012, 17, 211-221.	2.8	20
57	Insight into the enhanced photoelectrocatalytic activity in reduced LaFeO <sub>3</sub> films. <i>Chemical Communications</i> , 2017, 53, 2499-2502.	2.2	20
58	Mild Hydrothermal Crystallization of Heavy Rare-Earth Chromite RECrO <sub>3</sub> (RE = Er, Tm, Yb). <i>Journal of Materials Chemistry C</i> , 2019, 7, 10000-10006.	1.9	20
59	A validated LC-MS/MS method for the simultaneous determination of BMS-791325, a hepatitis C virus NS5B RNA polymerase inhibitor, and its metabolite in plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 973, 1-8.	1.2	19
60	Mineralizer effect on facet-controllable hydrothermal crystallization of perovskite structure YbFeO <sub>3</sub> crystals. <i>CrystEngComm</i> , 2018, 20, 470-476.	1.3	19
61	Size-dependent optical and thermochromic properties of Sm <sub>3</sub> Fe <sub>5</sub> O <sub>12</sub> . <i>RSC Advances</i> , 2017, 7, 37765-37770.	1.7	17
62	Improved ruggedness of an ion-pairing liquid chromatography/tandem mass spectrometry assay for the quantitative analysis of the triphosphate metabolite of a nucleoside reverse transcriptase inhibitor in peripheral blood mononuclear cells. <i>Rapid Communications in Mass Spectrometry</i> , 2013, 27, 481-488.	0.7	16
63	A rugged and accurate liquid chromatography-tandem mass spectrometry method for the determination of asunaprevir, an NS3 protease inhibitor, in plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 921-922, 81-86.	1.2	16
64	The effect of NH <sub>4</sub> <sup>+</sup> on shape modulation of La <sub>1-x</sub> Sr <sub>x</sub> MnO <sub>3</sub> crystals in a hydrothermal environment. <i>CrystEngComm</i> , 2014, 16, 9842-9846.	1.3	16
65	Hydrothermal synthesis, morphology, structure, and magnetic properties of perovskite structure LaCr <sub>1-x</sub> Mn <sub>x</sub> O <sub>3</sub> (x = 0.1, 0.2, and 0.3). <i>CrystEngComm</i> , 2018, 20, 3034-3042.	1.3	16
66	In situ exsolution of Ag from AgBiS <sub>2</sub> nanocrystal anode boosting high-performance potassium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2020, 8, 15058-15065.	5.2	16
67	Shape tuneable synthesis of perovskite structured rare-earth chromites RECrO <sub>3</sub> via a mild hydrothermal method. <i>CrystEngComm</i> , 2017, 19, 6436-6442.	1.3	15
68	Design Principles for 3d Electron Transfer in a Ga-Based Garnet To Enable High-Performance Reversible Thermochromic Material Color Maps. <i>Chemistry of Materials</i> , 2019, 31, 1048-1056.	3.2	15
69	Green catalyst: magnetic La <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> hollow microspheres. <i>New Journal of Chemistry</i> , 2015, 39, 2413-2416.	1.4	14
70	Architecture of Biomimetic Water Oxidation Catalyst with Mn <sub>4</sub> CaO <sub>5</sub> Clusterlike Structure Unit. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 37948-37954.	4.0	14
71	Graphene Oxide Induced High Crystallinity of SAPO-11 Molecular Sieves for Improved Alkane Isomerization Performance. <i>ChemNanoMat</i> , 2019, 5, 1225-1232.	1.5	14
72	Design of Pt/SAPO-11 bifunctional catalyst with superior metal-acid balance constructed via a novel one-step pre-loading strategy for enhancing n-dodecane hydroisomerization performance. <i>Catalysis Science and Technology</i> , 2020, 10, 5953-5963.	2.1	14

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73	Manipulation of Exciton Dynamics in Single-Layer WSe <sub>2</sub> Using a Toroidal Dielectric Metasurface. <i>Nano Letters</i> , 2021, 21, 9930-9938.	4.5	14
74	Automation in new frontiers of bioanalysis: a key for quality and efficiency. <i>Bioanalysis</i> , 2012, 4, 2759-2762.	0.6	13
75	A simple, effective approach for rapid development of high-throughput and reliable LC-MS/MS bioanalytical assays. <i>Bioanalysis</i> , 2016, 8, 1809-1822.	0.6	13
76	Hydrothermal synthesis and magnetic behaviour of beta-Li <sub>3</sub> VF <sub>6</sub> and Na <sub>3</sub> VF <sub>6</sub> . <i>New Journal of Chemistry</i> , 2015, 39, 5080-5083.	1.4	12
77	Hydrothermal shape controllable synthesis of La <sub>0.5</sub> Sr <sub>0.5</sub> MnO <sub>3</sub> crystals and facet effect on electron transfer of oxygen reduction. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 732-738.	3.0	12
78	Size tunable Ga-Ge nanowires for Li-ion battery prepared by in situ alloying in ionic liquid electrodeposition. <i>Applied Surface Science</i> , 2020, 508, 144852.	3.1	12
79	Use of a carboxylesterase inhibitor of phenylmethanesulfonyl fluoride to stabilize epothilone D in rat plasma for a validated UHPLC-MS/MS assay. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 969, 60-68.	1.2	11
80	Shape Control of Ternary Sulfide Nanocrystals. <i>Crystal Growth and Design</i> , 2018, 18, 864-871.	1.4	11
81	Hydrothermal Synthesized Co-Ni <sub>3</sub> S <sub>2</sub> Ultrathin Nanosheets for Efficient and Enhanced Overall Water Splitting. <i>Chemical Research in Chinese Universities</i> , 2019, 35, 179-185.	1.3	11
82	Reversible thermochromic property of Cr, Mn, Fe, Co-doped Ca <sub>14</sub> Zn <sub>6</sub> Ga <sub>10</sub> O <sub>35</sub> . <i>Journal of Materials Chemistry C</i> , 2020, 8, 9615-9624.	2.7	11
83	In Situ Spectroscopic Ellipsometry for Thermochromic CsPb <sub>3</sub> Phase Evolution Portfolio. <i>Journal of Physical Chemistry C</i> , 2020, 124, 8008-8014.	1.5	11
84	Validation and application of hybridization liquid chromatography-tandem mass spectrometry methods for quantitative bioanalysis of antisense oligonucleotides. <i>Bioanalysis</i> , 2022, 14, 589-601.	0.6	11
85	Luminescent properties of LaKNaTaO <sub>5</sub> and rare-earth-doped LaKNaTaO <sub>5</sub> synthesized by an improved hydroxide melt method. <i>Journal of Luminescence</i> , 2013, 135, 196-200.	1.5	10
86	Photoluminescence properties of BaSiF <sub>6</sub> :Eu <sup>3+</sup> ,Eu <sup>3+</sup> /K <sup>+</sup> and Eu <sup>3+</sup> /Tb <sup>3+</sup> co-doped phosphors. <i>New Journal of Chemistry</i> , 2015, 39, 9071-9074.	1.4	10
87	Effect of Ca dopant on magnetic and magnetodielectric properties of Y <sub>3</sub> Fe <sub>5</sub> O <sub>12</sub> . <i>Journal of Alloys and Compounds</i> , 2021, 861, 157996.	2.8	10
88	Feasibility assessment of a novel selective peptide derivatization strategy for sensitivity enhancement for the liquid chromatography/tandem mass spectrometry bioanalysis of protein therapeutics in serum. <i>Rapid Communications in Mass Spectrometry</i> , 2014, 28, 705-712.	0.7	9
89	UV-vis absorption shift of mixed valence state tungstate oxide: Ca <sub>0.72</sub> La <sub>0.28</sub> WO <sub>4</sub> . <i>Materials Letters</i> , 2015, 143, 212-214.	1.3	9
90	Investigation of the extraction recovery of analytes from multiple types of tissues and its impact on tissue bioanalysis using two model compounds. <i>Analytica Chimica Acta</i> , 2016, 945, 57-66.	2.6	9

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91	Phase- Controlled Synthesis of High- Ratio Ternary Sulfide Nanocrystals of $\text{Cu}_{1.57}\text{Bi}_{4.57}\text{S}_8$ and $\text{Cu}_{2.93}\text{Bi}_{4.89}\text{S}_9$ . <i>ChemPlusChem</i> , 2018, 83, 812-818.	1.3	9
92	A convenient strategy to overcome interference in LC-MS/MS analysis: Application in a microdose absolute bioavailability study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 165, 198-206.	1.4	9
93	Application of in-sample calibration curve methodology for regulated bioanalysis: Critical considerations in method development, validation and sample analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 177, 112844.	1.4	9
94	The direct synthesis of Au nanocrystals in microdroplets using the spray-assisted method. <i>New Journal of Chemistry</i> , 2016, 40, 7294-7298.	1.4	8
95	Electric-field-induced assembly of Ag nanoparticles on a CuO nanowire using ambient electrospray ionization. <i>New Journal of Chemistry</i> , 2017, 41, 2878-2882.	1.4	8
96	B-site ordering, magnetic and dielectric properties of hydrothermally synthesized $\text{Lu}_2\text{NiMnO}_6$ . <i>Journal of Alloys and Compounds</i> , 2018, 744, 395-403.	2.8	8
97	Hydrothermal growth of facet-tunable fluoride perovskite crystals $\text{KMF}_3$ (M = Mg, Mn, Co, Ni and Zn). <i>CrystEngComm</i> , 2020, 22, 6216-6227.	1.3	8
98	Shape Controllable Synthesis of Bi-Based Perovskite Superconductor Microcrystals via a Mild Hydrothermal Method. <i>Crystal Growth and Design</i> , 2020, 20, 2123-2128.	1.4	8
99	In-Situ thermochromic mechanism of Spin-Coated $\text{VO}_2$ film. <i>Applied Surface Science</i> , 2021, 564, 150441.	3.1	8
100	A UHPLC-MS/MS bioanalytical assay for the determination of BMS-911543, a JAK2 inhibitor, in human plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 991, 85-91.	1.2	7
101	Discovery, identification and mitigation of isobaric sulfate metabolite interference to a phosphate prodrug in LC-MS/MS bioanalysis: Critical role of method development in ensuring assay quality. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 155, 141-147.	1.4	7
102	Hydrothermal synthesis and magnetic properties of $\text{SmCr}_{0.5}\text{M}_{0.5}\text{O}_3$ (M=Fe and Mn) micro-plates. <i>Chemical Research in Chinese Universities</i> , 2018, 34, 1-7.	1.3	7
103	Optimization of oxygen evolution dynamics on $\text{RuO}_2$ via controlling of spontaneous dissociation equilibrium. <i>Materials Chemistry Frontiers</i> , 2019, 3, 1779-1785.	3.2	7
104	Oxygen vacancies enhancing acetone-sensing performance. <i>Materials Today Chemistry</i> , 2020, 18, 100372.	1.7	7
105	Fit-for-purpose protein biomarker assay validation strategies using hybrid immunocapture-liquid chromatography-tandem-mass spectrometry platform: Quantitative analysis of total soluble cluster of differentiation 73. <i>Analytica Chimica Acta</i> , 2020, 1126, 144-153.	2.6	7
106	Challenges and recommendations in developing LC-MS/MS bioanalytical assays of labile glucuronides and parent compounds in the presence of glucuronide metabolites. <i>Bioanalysis</i> , 2020, 12, 615-624.	0.6	7
107	Antisense Oligonucleotide In Vitro Protein Binding Determination in Plasma, Brain, and Cerebral Spinal Fluid Using Hybridization LC-MS/MS. <i>Drug Metabolism and Disposition</i> , 2022, 50, 268-276.	1.7	7
108	Luminescence Enhancement of $\text{Lu}_3\text{TaO}_7\text{:Eu}^{3+}$ @ $\text{Lu}_3\text{TaO}_7$ Red-Emitting Nanophosphors. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 690-695.	1.0	6



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109	Fabrication and In vitro Bioactivity of Robust Hydroxyapatite Coating on Porous Titanium Implant. <i>Chemical Research in Chinese Universities</i> , 2019, 35, 686-692.	1.3	6
110	Soft-Chemical Method for Synthesizing Intermetallic Antimonide Nanocrystals from Ternary Chalcogenide. <i>Langmuir</i> , 2019, 35, 15131-15136.	1.6	6
111	Moisture-stimulated reversible thermochromic CsPbI <sub>3</sub> -xBr <sub>x</sub> films: In-situ spectroscopic-resolved structure and optical properties. <i>Applied Surface Science</i> , 2022, 573, 151484.	3.1	6
112	Surface reconstruction: An effective method for the growth of mismatched materials. <i>Applied Surface Science</i> , 2016, 360, 547-552.	3.1	5
113	Nd <sup>3+</sup> /Fe <sup>5+</sup> O <sub>12</sub> : Hydrothermal synthesis, structure and magnetic properties. <i>Chemical Research in Chinese Universities</i> , 2017, 33, 869-875.	1.3	5
114	Morphology, Structure Evolution and Site-Selective Occupancy of Eu <sup>3+</sup> in Ca <sub>10</sub> (PO <sub>4</sub> ) <sub>6</sub> (OH) <sub>2</sub> Nanorods Synthesized via Subcritical Hydrothermal Method. <i>ChemistrySelect</i> , 2018, 3, 7749-7756.	0.7	5
115	Activity adaptability of a DhHP-6 peroxidase-mimic in wide pH and temperature ranges and solvent media. <i>Catalysis Science and Technology</i> , 2020, 10, 1848-1857.	2.1	5
116	Tuneable colour-emitting Ce <sup>3+</sup> , Eu <sup>3+</sup> /K <sup>+</sup> and Ce <sup>3+</sup> /Tb <sup>3+</sup> doped BaSiF <sub>6</sub> phosphors via charge compensation and energy transfer. <i>Journal of Luminescence</i> , 2018, 198, 203-207.	1.5	4
117	Thermal stable blue pigment with tunable color of DyIn <sub>1-x</sub> Mn <sub>x</sub> O <sub>3</sub> (0 ≤ x ≤ 0.1). <i>Dyes and Pigments</i> , 2018, 156, 192-198.	2.0	4
118	Fabrication of ultralong perovskite structure nanotubes. <i>RSC Advances</i> , 2018, 8, 367-373.	1.7	4
119	Overcoming the stability, solubility and extraction challenges in reversed-phase UHPLC-MS/MS bioanalysis of a phosphate drug and its prodrug in blood lysate. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 157, 36-43.	1.4	4
120	In situ Ga-alloying in germanium nano-twists by the inhibition of fractal growth with fast Li <sup>+</sup> -mobility. <i>Chemical Communications</i> , 2019, 55, 10412-10415.	2.2	4
121	Dried blood spot analysis without dilution: Application to the LC-MS/MS determination of BMS-986001 in rat dried blood spot. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 1002, 201-209.	1.2	3
122	Molecular beam epitaxial growth of oriented and uniform Ge <sub>2</sub> Sb <sub>2</sub> Te <sub>5</sub> nanoparticles with compact dimensions. <i>Journal of Nanoparticle Research</i> , 2017, 19, 1.	0.8	3
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129	Design and synthesis of metal hydroxide three-dimensional inorganic cationic frameworks. <i>Dalton Transactions</i> , 2018, 47, 3339-3345.	1.6	1
130	Tensile and biodegradable properties of Mg-6.0Zn-1.0Nd-0.5Zr alloy. <i>Inorganic Chemistry Communication</i> , 2021, 123, 108337.	1.8	1
131	Open-air solvothermal synthesis and photoresponse of plate-shaped Cu <sub>3</sub> ZnInSnSe <sub>6</sub> nanocrystals. <i>Journal of Nanoparticle Research</i> , 2021, 23, 1.	0.8	1
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