# Long Yuan

List of Publications by Year
in descending order

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| 135 | 4,170 | 126907 | 138484 |
|---|---|---|---|
| papers | citations | 33 | 58 |
| | | h-index | g-index |

| 140 | 140 | 140 | 6910 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Exciton dynamics and annihilation in WS<sub>2</sub> 2D semiconductors. Nanoscale, 2015, 7, 7402-7408. | 5.6 | 388 |
| 2 | Twist-angle-dependent interlayer exciton diffusion in WS2â€“WSe2 heterobilayers. Nature Materials, 2020, 19, 617-623. | 27.5 | 193 |
| 3 | Exciton Dynamics, Transport, and Annihilation in Atomically Thin Two-Dimensional Semiconductors. Journal of Physical Chemistry Letters, 2017, 8, 3371-3379. | 4.6 | 169 |
| 4 | Long-range exciton transport and slow annihilation in two-dimensional hybrid perovskites. Nature Communications, 2020, 11, 664. | 12.8 | 167 |
| 5 | Photocarrier generation from interlayer charge-transfer transitions in WS <sub>2</sub> -graphene heterostructures. Science Advances, 2018, 4, e1700324. | 10.3 | 160 |
| 6 | Carbon-protected bimetallic carbide nanoparticles for a highly efficient alkaline hydrogen evolution reaction. Nanoscale, 2015, 7, 3130-3136. | 5.6 | 133 |
| 7 | Highly mobile charge-transfer excitons in two-dimensional WS <sub>2</sub> /tetracene heterostructures. Science Advances, 2018, 4, eaao3104. | 10.3 | 132 |
| 8 | Snâ€“Ni<sub>3</sub>S<sub>2</sub> Ultrathin Nanosheets as Efficient Bifunctional Water-Splitting Catalysts with a Large Current Density and Low Overpotential. ACS Applied Materials & Interfaces, 2018, 10, 40568-40576. | 8.0 | 113 |
| 9 | Beneficial and Adverse Effects of an LXR Agonist on Human Lipid and Lipoprotein Metabolism and Circulating Neutrophils. Cell Metabolism, 2016, 24, 223-233. | 16.2 | 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. Chemical Communications, 2014, 50, 9200-9203. | 4.1 | 84 |
| 11 | Improved Doping and Emission Efficiencies of Mn-Doped CsPbCl<sub>3</sub> Perovskite Nanocrystals via Nickel Chloride. Journal of Physical Chemistry Letters, 2019, 10, 4177-4184. | 4.6 | 79 |
| 12 | Extrinsic and Dynamic Edge States of Two-Dimensional Lead Halide Perovskites. ACS Nano, 2019, 13, 1635-1644. | 14.6 | 79 |
| 13 | Crystal facet tailoring arts in perovskite oxides. Inorganic Chemistry Frontiers, 2015, 2, 965-981. | 6.0 | 78 |
| 14 | Ultrafast Dynamic Microscopy of Carrier and Exciton Transport. Annual Review of Physical Chemistry, 2019, 70, 219-244. | 10.8 | 75 |
| 15 | Direct Chemical-Vapor-Deposition-Fabricated, Large-Scale Graphene Glass with High Carrier Mobility and Uniformity for Touch Panel Applications. ACS Nano, 2016, 10, 11136-11144. | 14.6 | 69 |
| 16 | Antioxidant Effects of Lycopene in African American Men with Prostate Cancer or Benign Prostate Hyperplasia: A Randomized, Controlled Trial. Cancer Prevention Research, 2011, 4, 711-718. | 1.5 | 67 |
| 17 | Activation of Surface Oxygen Sites in a Cobalt-Based Perovskite Model Catalyst for CO Oxidation. Journal of Physical Chemistry Letters, 2018, 9, 4146-4154. | 4.6 | 67 |
| 18 | Î´-MnO<sub>2</sub>â€“Mn<sub>3</sub>O<sub>4</sub> Nanocomposite for Photochemical Water Oxidation: Active Structure Stabilized in the Interface. ACS Applied Materials & Interfaces, 2016, 8, 27825-27831. | 8.0 | 60 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Hydrogenated bilayer wurtzite SiC nanofilms: a two-dimensional bipolar magnetic semiconductor material. Physical Chemistry Chemical Physics, 2013, 15, 497-503. | 2.8 | 55 |
| 20 | Ultrafast Imaging of Carrier Transport across Grain Boundaries in Hybrid Perovskite Thin Films. ACS Energy Letters, 2018, 3, 1402-1408. | 17.4 | 55 |
| 21 | Diamondization of chemically functionalized graphene and grapheneâ€“BN bilayers. Physical Chemistry Chemical Physics, 2012, 14, 8179. | 2.8 | 52 |
| 22 | From solid-state metal alkoxides to nanostructured oxides: a precursor-directed synthetic route to functional inorganic nanomaterials. Inorganic Chemistry Frontiers, 2015, 2, 198-212. | 6.0 | 48 |
| 23 | Crystal Shape Tailoring in Perovskite Structure Rare-Earth Ferrites REFeO<sub>3</sub> (RE = La, Pr, Sm,) Tj ETQq1 1 0.784314 rgBT /Ov Design, 2016, 16, 6522-6530. | 3.0 | 46 |
| 24 | Molten Salt Flux Synthesis, Crystal Facet Design, Characterization, Electronic Structure, and Catalytic Properties of Perovskite Cobaltite. ACS Applied Materials & Interfaces, 2018, 10, 28219-28231. | 8.0 | 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. Rapid Communications in Mass Spectrometry, 2012, 26, 1465-1474. | 1.5 | 44 |
| 26 | Catalytic behavior of electrospinning synthesized La0.75Sr0.25MnO3 nanofibers in the oxidation of CO and CH4. Chemical Engineering Journal, 2014, 244, 27-32. | 12.7 | 42 |
| 27 | Low temperature hydrothermal synthesis, structure and magnetic properties of RECrO<sub>3</sub> (RE = La, Pr, Nd, Sm). Dalton Transactions, 2015, 44, 17201-17208. | 3.3 | 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. Bioanalysis, 2012, 4, 2887-2896. | 1.5 | 39 |
| 29 | Hydrothermal synthesis and magnetic properties of REFe0.5Cr0.5O3 (RE = La, Tb, Ho, Er, Yb, Lu and Y) perovskite. New Journal of Chemistry, 2014, 38, 1168. | 2.8 | 39 |
| 30 | Continuous Meltâ€Drawing of Highly Aligned Flexible and Stretchable Semiconducting Microfibers for Organic Electronics. Advanced Functional Materials, 2018, 28, 1705584. | 14.9 | 39 |
| 31 | Nanoscale Architecture of RuO<sub>2</sub>/La<sub>0.9</sub>Fe<sub>0.92</sub>Ru<sub>0.08â€“x</sub>O<sub>3â^Î´</sub> Composite via Manipulating the Exsolution of Low Ru-Substituted A-Site Deficient Perovskite. ACS Sustainable Chemistry and Engineering, 2018, 6, 11999-12005. | 6.7 | 39 |
| 32 | Research on photonic crystal fiber based on a surface plasmon resonance sensor with segmented silver-titanium dioxide film. Journal of the Optical Society of America B: Optical Physics, 2020, 37, 736. | 2.1 | 39 |
| 33 | â€œCenter punchâ€•and â€œwhole spotâ€•bioanalysis of apixaban in human dried blood spot samples by UHPLC-MS/MS. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2015, 988, 66-74. | 2.3 | 38 |
| 34 | Solar selective absorbers with foamed nanostructure prepared by hydrothermal method on stainless steel. Solar Energy Materials and Solar Cells, 2016, 146, 99-106. | 6.2 | 36 |
| 35 | Growth orientation, shape evolution of monodisperse PbSe nanocrystals and their use in optoelectronic devices. CrystEngComm, 2013, 15, 597-603. | 2.6 | 34 |
| 36 | Systematic investigation of orthogonal SPE sample preparation for the LCâ€“MS/MS bioanalysis of a monoclonal antibody after pellet digestion. Bioanalysis, 2013, 5, 2379-2391. | 1.5 | 32 |

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|---|---|---|---|
| 37 | Structure, optical spectroscopy properties and thermochromism of Sm<sub>3</sub>Fe<sub>5</sub>O<sub>12</sub> garnets. Journal of Materials Chemistry C, 2016, 4, 10529-10537. | 5.5 | 32 |
| 38 | Cation Segregation of A-Site Deficiency Perovskite La<sub>0.85</sub>FeO<sub>3â^Î´</sub> Nanoparticles toward High-Performance Cathode Catalysts for Rechargeable Li-O<sub>2</sub> Battery. ACS Applied Materials & Interfaces, 2018, 10, 25465-25472. | 8.0 | 31 |
| 39 | D-Shaped Photonic Crystal Fiber Plasmonic Sensor Based on Silver-Titanium Dioxide Composite Micro-grating. Plasmonics, 2021, 16, 2049-2059. | 3.4 | 30 |
| 40 | Estrogen Receptor Î± Enhances the Rate of Oxidative DNA Damage by Targeting an Equine Estrogen Catechol Metabolite to the Nucleus. Journal of Biological Chemistry, 2009, 284, 8633-8642. | 3.4 | 29 |
| 41 | Composition dependent magnetic and ferroelectric properties of hydrothermally synthesized GdFe<sub>1â^'x</sub>Cr<sub>x</sub>O<sub>3</sub> (0.1 â‰¤ x â‰¤ 0.9) perovskites. Dalton Transactions, 2017, 46, 5930-5937. | 3.3 | 27 |
| 42 | High ionic conductivity Y doped Li1.3Al0.3Ti1.7(PO4)3 solid electrolyte. Journal of Alloys and Compounds, 2019, 782, 384-391. | 5.5 | 27 |
| 43 | Hydrothermal synthesis and photoluminescence properties of rare-earth niobate and tantalate nanophosphors. Dalton Transactions, 2013, 42, 8041. | 3.3 | 26 |
| 44 | Solventâ€Free Synthesis and nâ€Hexadecane Hydroisomerization Performance of SAPOâ€11 Catalyst. European Journal of Inorganic Chemistry, 2018, 2018, 2599-2606. | 2.0 | 26 |
| 45 | Jahnâ€“Teller Disproportionation Induced Exfoliation of Unitâ€Cell Scale Ïµâ€MnO<sub>2</sub>. Angewandte Chemie - International Edition, 2020, 59, 22659-22666. | 13.8 | 26 |
| 46 | Crystal facet control of LaFeO3, LaCrO3, and La0.75Sr0.25MnO3. CrystEngComm, 2014, 16, 2874. | 2.6 | 25 |
| 47 | Hydrothermal syntheses and photoluminescence properties of rare-earth tungstate as near ultraviolet type red phosphors. New Journal of Chemistry, 2014, 38, 1441. | 2.8 | 25 |
| 48 | In-situ optical and structural insight of reversible thermochromic materials of Sm3-xBixFe5O12 (x= 0,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf | 3.7 | 25 |
| 49 | Water-assisted synthesis of shape-specific BiOCl nanoflowers with enhanced adsorption and photosensitized degradation of rhodamine B. Environmental Chemistry Letters, 2020, 18, 243-249. | 16.2 | 23 |
| 50 | Realization of interstitial boron ordering and optimal near-surface electronic structure in Pd-B alloy electrocatalysts. Chemical Engineering Journal, 2021, 419, 129568. | 12.7 | 23 |
| 51 | Electrochromic response of pulsed laser deposition prepared WO<sub>3</sub>â€“TiO<sub>2</sub>composite film. RSC Advances, 2014, 4, 47670-47676. | 3.6 | 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 LCâ€“MS/MS assay. Journal of Pharmaceutical and Biomedical Analysis, 2014, 88, 552-561. | 2.8 | 22 |
| 53 | Hydrothermal preparation of perovskite structures DyCrO<sub>3</sub> and HoCrO<sub>3</sub>. Dalton Transactions, 2016, 45, 17593-17597. | 3.3 | 22 |
| 54 | Ultra-low reflection CuO nanowire array in-situ grown on copper sheet. Materials and Design, 2017, 113, 297-304. | 7.0 | 21 |

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| 55 | Low-temperature hydrothermal fabrication of Fe3O4 nanostructured solar selective absorption films. Applied Surface Science, 2018, 458, 629-637. | 6.1 | 21 |
| 56 | A User-Friendly Robotic Sample Preparation Program for Fully Automated Biological Sample Pipetting and Dilution to Benefit the Regulated Bioanalysis. Journal of the Association for Laboratory Automation, 2012, 17, 211-221. | 2.8 | 20 |
| 57 | Insight into the enhanced photoelectrocatalytic activity in reduced LaFeO<sub>3</sub> films. Chemical Communications, 2017, 53, 2499-2502. | 4.1 | 20 |
| 58 | Mild Hydrothermal Crystallization of Heavy Rare-Earth Chromite RECrO<sub>3</sub> (RE = Er, Tm, Yb,) Tj ETQq0 0 0 rgBT /Overlock 10 T | 4.0 | 20 |
| 59 | A validated LCâ€“MS/MS method for the simultaneous determination of BMS-791325, a hepatitis C virus NS5B RNA polymerase inhibitor, and its metabolite in plasma. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 973, 1-8. | 2.3 | 19 |
| 60 | Mineralizer effect on facet-controllable hydrothermal crystallization of perovskite structure YbFeO<sub>3</sub> crystals. CrystEngComm, 2018, 20, 470-476. | 2.6 | 19 |
| 61 | Size-dependent optical and thermochromic properties of Sm<sub>3</sub>Fe<sub>5</sub>O<sub>12</sub>. RSC Advances, 2017, 7, 37765-37770. | 3.6 | 17 |
| 62 | Improved ruggedness of an ionâ€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. Rapid Communications in Mass Spectrometry, 2013, 27, 481-488. | 1.5 | 16 |
| 63 | A rugged and accurate liquid chromatographyâ€“tandem mass spectrometry method for the determination of asunaprevir, an NS3 protease inhibitor, in plasma. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2013, 921-922, 81-86. | 2.3 | 16 |
| 64 | The effect of NH<sub>4</sub><sup>+</sup>on shape modulation of La<sub>1â^'x</sub>Sr<sub>x</sub>MnO<sub>3</sub>crystals in a hydrothermal environment. CrystEngComm, 2014, 16, 9842-9846. | 2.6 | 16 |
| 65 | Hydrothermal synthesis, morphology, structure, and magnetic properties of perovskite structure LaCr<sub>1â^'x</sub>Mn<sub>x</sub>O<sub>3</sub> (x = 0.1, 0.2, and 0.3). CrystEngComm, 2018, 20, 3034-3042. | 2.6 | 16 |
| 66 | In situ exsolution of Ag from AgBiS<sub>2</sub> nanocrystal anode boosting high-performance potassium-ion batteries. Journal of Materials Chemistry A, 2020, 8, 15058-15065. | 10.3 | 16 |
| 67 | Shape tuneable synthesis of perovskite structured rare-earth chromites RECrO<sub>3</sub>via a mild hydrothermal method. CrystEngComm, 2017, 19, 6436-6442. | 2.6 | 15 |
| 68 | Design Principles for 3d Electron Transfer in a Ga-Based Garnet To Enable High-Performance Reversible Thermochromic Material Color Maps. Chemistry of Materials, 2019, 31, 1048-1056. | 6.7 | 15 |
| 69 | Green catalyst: magnetic La<sub>0.7</sub>Sr<sub>0.3</sub>MnO<sub>3</sub> hollow microspheres. New Journal of Chemistry, 2015, 39, 2413-2416. | 2.8 | 14 |
| 70 | Architecture of Biomimetic Water Oxidation Catalyst with Mn<sub>4</sub>CaO<sub>5</sub> Clusterlike Structure Unit. ACS Applied Materials & Interfaces, 2018, 10, 37948-37954. | 8.0 | 14 |
| 71 | Graphene Oxide Induced High Crystallinity of SAPOâ€11 Molecular Sieves for Improved Alkane Isomerization Performance. ChemNanoMat, 2019, 5, 1225-1232. | 2.8 | 14 |
| 72 | Design of Pt/SAPO-11 bifunctional catalyst with superior metalâ€“acid balance constructed via a novel one-step pre-loading strategy for enhancing n-dodecane hydroisomerization performance. Catalysis Science and Technology, 2020, 10, 5953-5963. | 4.1 | 14 |

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|---|---|---|---|
| 73 | Manipulation of Exciton Dynamics in Single-Layer WSe<sub>2</sub> Using a Toroidal Dielectric Metasurface. Nano Letters, 2021, 21, 9930-9938. | 9.1 | 14 |
| 74 | Automation in new frontiers of bioanalysis: a key for quality and efficiency. Bioanalysis, 2012, 4, 2759-2762. | 1.5 | 13 |
| 75 | A simple, effective approach for rapid development of high-throughput and reliable LCâ€“MS/MS bioanalytical assays. Bioanalysis, 2016, 8, 1809-1822. | 1.5 | 13 |
| 76 | Hydrothermal synthesis and magnetic behaviour of beta-Li3VF6 and Na3VF6. New Journal of Chemistry, 2015, 39, 5080-5083. | 2.8 | 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. Inorganic Chemistry Frontiers, 2018, 5, 732-738. | 6.0 | 12 |
| 78 | Size tunable Gaâ€“Ge nanowires for Li-ion battery prepared by in situ alloying in ionic liquid electrodeposition. Applied Surface Science, 2020, 508, 144852. | 6.1 | 12 |
| 79 | Use of a carboxylesterase inhibitor of phenylmethanesulfonyl fluoride to stabilize epothilone D in rat plasma for a validated UHPLCâ€“MS/MS assay. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 969, 60-68. | 2.3 | 11 |
| 80 | Shape Control of Ternary Sulfide Nanocrystals. Crystal Growth and Design, 2018, 18, 864-871. | 3.0 | 11 |
| 81 | Hydrothermal Synthesized Co-Ni3S2 Ultrathin Nanosheets for Efficient and Enhanced Overall Water Splitting. Chemical Research in Chinese Universities, 2019, 35, 179-185. | 2.6 | 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>. Journal of Materials Chemistry C, 2020, 8, 9615-9624. | 5.5 | 11 |
| 83 | In Situ Spectroscopic Ellipsometry for Thermochromic CsPbI<sub>3</sub> Phase Evolution Portfolio. Journal of Physical Chemistry C, 2020, 124, 8008-8014. | 3.1 | 11 |
| 84 | Validation and application of hybridization liquid chromatography-tandem mass spectrometry methods for quantitative bioanalysis of antisense oligonucleotides. Bioanalysis, 2022, 14, 589-601. | 1.5 | 11 |
| 85 | Luminescent properties of LaKNaTaO5 and rare-earth-doped LaKNaTaO5 synthesized by an improved hydroxide melt method. Journal of Luminescence, 2013, 135, 196-200. | 3.1 | 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. New Journal of Chemistry, 2015, 39, 9071-9074. | 2.8 | 10 |
| 87 | Effect of Ca dopant on magnetic and magnetodielectric properties of Y3Fe5O12. Journal of Alloys and Compounds, 2021, 861, 157996. | 5.5 | 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. Rapid Communications in Mass Spectrometry, 2014, 28, 705-712. | 1.5 | 9 |
| 89 | UVâ€“vis absorption shift of mixed valance state tungstate oxide: Ca0.72La0.28WO4. Materials Letters, 2015, 143, 212-214. | 2.6 | 9 |
| 90 | Investigation of the â€œtrueâ€•extraction recovery of analytes from multiple types of tissues and its impact on tissue bioanalysis using two model compounds. Analytica Chimica Acta, 2016, 945, 57-66. | 5.4 | 9 |

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|---|---|---|---|
| 91 | Phaseâ€Controlled Synthesis of Highâ€Biâ€Ratio Ternary Sulfide Nanocrystals of Cu<sub>1.57</sub>Bi<sub>4.57</sub>S<sub>8</sub> and Cu<sub>2.93</sub>Bi<sub>4.89</sub>S<sub>9</sub>. ChemPlusChem, 2018, 83, 812-818. | 2.8 | 9 |
| 92 | A convenient strategy to overcome interference in LC-MS/MS analysis: Application in a microdose absolute bioavailability study. Journal of Pharmaceutical and Biomedical Analysis, 2019, 165, 198-206. | 2.8 | 9 |
| 93 | Application of in-sample calibration curve methodology for regulated bioanalysis: Critical considerations in method development, validation and sample analysis. Journal of Pharmaceutical and Biomedical Analysis, 2020, 177, 112844. | 2.8 | 9 |
| 94 | The direct synthesis of Au nanocrystals in microdroplets using the spray-assisted method. New Journal of Chemistry, 2016, 40, 7294-7298. | 2.8 | 8 |
| 95 | Electric-field-induced assembly of Ag nanoparticles on a CuO nanowire using ambient electrospray ionization. New Journal of Chemistry, 2017, 41, 2878-2882. | 2.8 | 8 |
| 96 | B-site ordering, magnetic and dielectric properties of hydrothermally synthesized Lu2NiMnO6. Journal of Alloys and Compounds, 2018, 744, 395-403. | 5.5 | 8 |
| 97 | Hydrothermal growth of facet-tunable fluoride perovskite crystals KMF3 (M = Mg, Mn, Co, Ni and Zn). CrystEngComm, 2020, 22, 6216-6227. | 2.6 | 8 |
| 98 | Shape Controllable Synthesis of Bi-Based Perovskite Superconductor Microcrystals via a Mild Hydrothermal Method. Crystal Growth and Design, 2020, 20, 2123-2128. | 3.0 | 8 |
| 99 | In-Situ thermochromic mechanism of Spin-Coated VO2 film. Applied Surface Science, 2021, 564, 150441. | 6.1 | 8 |
| 100 | A UHPLCâ€“MS/MS bioanalytical assay for the determination of BMS-911543, a JAK2 inhibitor, in human plasma. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2015, 991, 85-91. | 2.3 | 7 |
| 101 | Discovery, identification and mitigation of isobaric sulfate metabolite interference to a phosphate prodrug in LCâ€“MS/MS bioanalysis: Critical role of method development in ensuring assay quality. Journal of Pharmaceutical and Biomedical Analysis, 2018, 155, 141-147. | 2.8 | 7 |
| 102 | Hydrothermal synthesis and magnetic properties of SmCr0.5M0.5O3(M=Fe and Mn) micro-plates. Chemical Research in Chinese Universities, 2018, 34, 1-7. | 2.6 | 7 |
| 103 | Optimization of oxygen evolution dynamics on RuO<sub>2</sub>via controlling of spontaneous dissociation equilibrium. Materials Chemistry Frontiers, 2019, 3, 1779-1785. | 5.9 | 7 |
| 104 | Oxygen vacancies enhancing acetone-sensing performance. Materials Today Chemistry, 2020, 18, 100372. | 3.5 | 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. Analytica Chimica Acta, 2020, 1126, 144-153. | 5.4 | 7 |
| 106 | Challenges and recommendations in developing LCâ€“MS/MS bioanalytical assays of labile glucuronides and parent compounds in the presence of glucuronide metabolites. Bioanalysis, 2020, 12, 615-624. | 1.5 | 7 |
| 107 | Antisense Oligonucleotide In Vitro Protein Binding Determination in Plasma, Brain, and Cerebral Spinal Fluid Using Hybridization LC-MS/MS. Drug Metabolism and Disposition, 2022, 50, 268-276. | 3.3 | 7 |
| 108 | Luminescence Enhancement of Lu<sub>3</sub>TaO<sub>7</sub>:Eu<sup>3+</sup>@Lu<sub>3</sub>TaO<sub>7</sub> Redâ€Emitting Nanophosphors. European Journal of Inorganic Chemistry, 2015, 2015, 690-695. | 2.0 | 6 |

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| 109 | Fabrication and In vitro Bioactivity of Robust Hydroxyapatite Coating on Porous Titanium Implant. Chemical Research in Chinese Universities, 2019, 35, 686-692. | 2.6 | 6 |
| 110 | Soft-Chemical Method for Synthesizing Intermetallic Antimonide Nanocrystals from Ternary Chalcogenide. Langmuir, 2019, 35, 15131-15136. | 3.5 | 6 |
| 111 | Moisture-stimulated reversible thermochromic CsPbI3-xBrx films: In-situ spectroscopic-resolved structure and optical properties. Applied Surface Science, 2022, 573, 151484. | 6.1 | 6 |
| 112 | Surface reconstruction: An effective method for the growth of mismatched materials. Applied Surface Science, 2016, 360, 547-552. | 6.1 | 5 |
| 113 | Nd3â^'xAExFe5O12: Hydrothermal synthesis, structure and magnetic properties. Chemical Research in Chinese Universities, 2017, 33, 869-875. | 2.6 | 5 |
| 114 | Morphology, Structure Evolution and Siteâ€Selective Occupancy of Eu 3+ in Ca 10 (PO 4 ) 6 (OH) 2 Nanorods Synthesized via Subcritical Hydrothermal Method. ChemistrySelect, 2018, 3, 7749-7756. | 1.5 | 5 |
| 115 | Activity adaptability of a DhHP-6 peroxidase-mimic in wide pH and temperature ranges and solvent media. Catalysis Science and Technology, 2020, 10, 1848-1857. | 4.1 | 5 |
| 116 | Tuneable colour-emitting Ce3+, Eu3+/K+ and Ce3+/Tb3+ doped BaSiF6 phosphors via charge compensation and energy transfer. Journal of Luminescence, 2018, 198, 203-207. | 3.1 | 4 |
| 117 | Thermal stable blue pigment with tunable color of DyIn1-xMnxO3 (0â‰¤xâ‰¤ 0.1). Dyes and Pigments, 2018, 156, 192-198. | 3.7 | 4 |
| 118 | Fabrication of ultralong perovskite structure nanotubes. RSC Advances, 2018, 8, 367-373. | 3.6 | 4 |
| 119 | Overcoming the stability, solubility and extraction challenges in reversed-phase UHPLCâ€“MS/MS bioanalysis of a phosphate drug and its prodrug in blood lysate. Journal of Pharmaceutical and Biomedical Analysis, 2018, 157, 36-43. | 2.8 | 4 |
| 120 | In situ Ga-alloying in germanium nano-twists by the inhibition of fractal growth with fast Li<sup>+</sup>-mobility. Chemical Communications, 2019, 55, 10412-10415. | 4.1 | 4 |
| 121 | Dried blood spot analysis without dilution: Application to the LCâ€“MS/MS determination of BMS-986001 in rat dried blood spot. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2015, 1002, 201-209. | 2.3 | 3 |
| 122 | Molecular beam epitaxial growth of oriented and uniform Ge2Sb2Te5 nanoparticles with compact dimensions. Journal of Nanoparticle Research, 2017, 19, 1. | 1.9 | 3 |
| 123 | Tuning the interfacial and energetic interactions between a photoexcited conjugated polymer and open-shell small molecules. Soft Matter, 2019, 15, 1413-1422. | 2.7 | 3 |
| 124 | Quantitative Bioanalysis of Proteins by Mass Spectrometry. Materials and Methods, 0, 5, . | 0.0 | 3 |
| 125 | Revealing charge carrier dynamics and transport in Te-doped GaAsSb and GaAsSbN nanowires by correlating ultrafast terahertz spectroscopy and optoelectronic characterization. Nanotechnology, 2022, 33, 425702. | 2.6 | 3 |
| 126 | Infrared Absorption Enhancement by Charge Transfer in Ga-GaSb Metal-Semiconductor Nanohybrids. Langmuir, 2016, 32, 4189-4193. | 3.5 | 2 |

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| 127 | A bridging immunogenicity assay for anti-cabiralizumab antibodies: overcoming the low assay cut point and drug tolerance challenges. Bioanalysis, 2021, 13, 395-407. | 1.5 | 2 |
| 128 | Bioanalysis Young Investigator: Announcing our finalists!. Bioanalysis, 2013, 5, 1963-1964. | 1.5 | 1 |
| 129 | Design and synthesis of metal hydroxide three-dimensional inorganic cationic frameworks. Dalton Transactions, 2018, 47, 3339-3345. | 3.3 | 1 |
| 130 | Tensile and biodegradable properties of Mg-6.0Zn-1.0Nd-0.5Zr alloy. Inorganic Chemistry Communication, 2021, 123, 108337. | 3.9 | 1 |
| 131 | Open-air solvothermal synthesis and photoresponse of plate-shaped Cu3ZnInSnSe6 nanocrystals. Journal of Nanoparticle Research, 2021, 23, 1. | 1.9 | 1 |
| 132 | Pourbaix-Guided Mineralization and Site-Selective Photoluminescence Properties of Rare Earth Substituted B-Type Carbonated Hydroxyapatite Nanocrystals. Molecules, 2021, 26, 540. | 3.8 | 1 |
| 133 | Improved energy conversion efficiency of ZnO/polythiophene solar cell in Ga-doped ZnO nanorod array photoanode. Chemical Research in Chinese Universities, 2016, 32, 979-984. | 2.6 | 0 |
| 134 | Hydrothermal Growth of Centimeter-Scale CuO Plates: Planar Chromium(III) Oligomer as a Facet-Directing Agent. Inorganic Chemistry, 2018, 57, 2957-2960. | 4.0 | 0 |
| 135 | Manipulation of Exciton Dynamics and Annihilation in Single-Layer WSe2 using a Toroidal Dielectric Metasurface. , 2021, , . | | 0 |