

Bing Lu

List of Publications by Year in descending order

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37
papers

869
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516710

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526287

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times ranked

931
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | Calibration Maintenance Application of Near-infrared Spectrometric Model in Food Analysis. <i>Food Reviews International</i> , 2023, 39, 1628-1644. | 8.4 | 9 |
| 2 | Platinum(II)-Metallaclip-Based Theranostics for Cell Imaging and Synergetic Chemotherapyâ€“Photodynamic Therapy. <i>Inorganic Chemistry</i> , 2023, 62, 1786-1790. | 4.0 | 8 |
| 3 | Determination of hardness for maize kernels based on hyperspectral imaging. <i>Food Chemistry</i> , 2022, 366, 130559. | 8.2 | 35 |
| 4 | GOx-assisted synthesis of pillar[5]arene based supramolecular polymeric nanoparticles for targeted/synergistic chemo-chemodynamic cancer therapy. <i>Journal of Nanobiotechnology</i> , 2022, 20, 33. | 9.1 | 23 |
| 5 | Rim-differentiated pillar[5]arene based nonporous adaptive crystals. <i>Chemical Communications</i> , 2022, 58, 2480-2483. | 4.1 | 13 |
| 6 | pH/ROS dual-responsive supramolecular polypeptide prodrug nanomedicine based on host-guest recognition for cancer therapy. <i>Acta Biomaterialia</i> , 2022, 143, 381-391. | 8.3 | 26 |
| 7 | Ultrasensitive photoelectrochemical immunosensor for carcinoembryonic antigen detection based on pillar[5]arene-functionalized Au nanoparticles and hollow PANI hybrid BiOBr heterojunction. <i>Biosensors and Bioelectronics</i> , 2022, 208, 114220. | 10.1 | 31 |
| 8 | Polydopamineâ€“drug conjugate nanocomposites based on <sc>ZIF</sc>â€“8 for targeted cancer photothermalâ€“chemotherapy. <i>Journal of Biomedical Materials Research - Part A</i> , 2022, 110, 954-963. | 4.0 | 14 |
| 9 | Glucose Oxidase Integrated Porphyrinic Covalent Organic Polymers for Combined Photodynamic/Chemodynamic/Starvation Therapy in Cancer Treatment. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 1956-1963. | 5.2 | 9 |
| 10 | Tumor microenvironment responsive polypeptide-based supramolecular nanoprodugs for combination therapy. <i>Acta Biomaterialia</i> , 2022, 146, 396-405. | 8.3 | 18 |
| 11 | Icing on the cake: combining a dual PEG-functionalized pillararene and an A-D-A small molecule photosensitizer for multimodal phototherapy. <i>Science China Chemistry</i> , 2022, 65, 1134-1141. | 8.2 | 24 |
| 12 | Intelligent Supramolecular Nanoprodrug Based on Anionic Water-Soluble [2]Biphenyl-Extended-Pillar[6]arenes for Combination Therapy. <i>ACS Macro Letters</i> , 2022, 11, 830-834. | 4.8 | 10 |
| 13 | Nonfullerene electron acceptors with electron-deficient units containing cyano groups for organic solar cells. <i>Materials Chemistry Frontiers</i> , 2021, 5, 5549-5572. | 5.9 | 21 |
| 14 | Prediction performance optimization of different resolution and spectral band ranges for characterizing coco-peat substrate available nitrogen. <i>Journal of Soils and Sediments</i> , 2021, 21, 2672-2685. | 3.0 | 3 |
| 15 | Recent progress of Yâ€“series electron acceptors for organic solar cells. <i>Nano Select</i> , 2021, 2, 2029-2039. | 3.7 | 35 |
| 16 | Precise Synthesis of Fused Decacyclic Electron Acceptor Isomers for Organic Solar Cells. <i>Solar Rrl</i> , 2021, 5, 2100163. | 5.8 | 8 |
| 17 | Pillar[6]arene-based supramolecular polymeric materials constructed <i>via</i> electrostatic interactions for rapid and efficient organic dye removal from water. <i>Nanoscale Advances</i> , 2021, 3, 1906-1909. | 4.6 | 17 |
| 18 | Aâ€“DAâ€“A fused-ring small molecule-based nanoparticles for combined photothermal and photodynamic therapy of cancer. <i>Chemical Communications</i> , 2021, 57, 12020-12023. | 4.1 | 23 |

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|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Enhancing the Stability and Photothermal Conversion Efficiency of ICG by Pillar[5]arene-Based Host-Guest Interaction. <i>Frontiers in Chemistry</i> , 2021, 9, 775436. | 3.6 | 12 |
| 20 | Cationic Water-Soluble Pillar[5]arene-Modified Cu ₂ Se Nanoparticles: Supramolecular Trap for ATP and Application in Targeted Photothermal Therapy in the NIR-II Window. <i>ACS Macro Letters</i> , 2020, 9, 1558-1562. | 4.8 | 35 |
| 21 | Feasibility of NIR spectroscopy detection of moisture content in coco-peat substrate based on the optimization characteristic variables. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 239, 118455. | 3.9 | 13 |
| 22 | Egg freshness prediction using a comprehensive analysis based on visible near infrared spectroscopy. <i>Spectroscopy Letters</i> , 2020, 53, 512-522. | 1.0 | 13 |
| 23 | Total volatile basic nitrogen content in duck meat of different varieties based on calibration maintenance and transfer by use of a near-infrared spectrometric model. <i>Spectroscopy Letters</i> , 2020, 53, 44-54. | 1.0 | 14 |
| 24 | Enhancing Performance of Fused-Ring Electron Acceptor Using Pyrrole Instead of Thiophene. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 14029-14036. | 8.0 | 25 |
| 25 | Pillar[5]arene-based supramolecular assemblies with two-step sequential fluorescence enhancement for mitochondria-targeted cell imaging. <i>Journal of Materials Chemistry C</i> , 2020, 8, 15622-15625. | 5.5 | 35 |
| 26 | Nondestructive discrimination of internal defects in jujube (Huizao) of Xinjiang based on visible and near-infrared spectroscopy. <i>Spectroscopy Letters</i> , 2019, 52, 577-582. | 1.0 | 6 |
| 27 | Z-Shaped Fused-Chrysene Electron Acceptors for Organic Photovoltaics. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 33006-33011. | 8.0 | 18 |
| 28 | Fe(III)-catalyzed oxidative coupling of alkylnitriles with aromatic carboxylic acids: Facile access to cyanomethyl esters. <i>Tetrahedron Letters</i> , 2019, 60, 150969. | 1.4 | 6 |
| 29 | Electron-Transport Materials in Perovskite Solar Cells. <i>Small Methods</i> , 2018, 2, 1800082. | 8.6 | 136 |
| 30 | Esterification of the Primary Benzylic C-H Bonds with Carboxylic Acids Catalyzed by Ionic Iron(III) Complexes Containing an Imidazolium Cation. <i>Organic Letters</i> , 2017, 19, 1132-1135. | 4.6 | 50 |
| 31 | Iron-catalyzed esterification of allylic sp ³ C-H bonds with carboxylic acids: Facile access to allylic esters. <i>Tetrahedron Letters</i> , 2017, 58, 2490-2494. | 1.4 | 15 |
| 32 | Preparation and characterization of YAG:Ce thin phosphor films by pulsed laser deposition. <i>International Journal of Applied Ceramic Technology</i> , 2017, 14, 22-30. | 2.1 | 5 |
| 33 | A facile sp ³ C-H bonds amidation of N,N-dimethylanilines by a novel ionic iron(III) complex containing an imino-functionalized imidazolium cation. <i>Tetrahedron Letters</i> , 2016, 57, 4152-4156. | 1.4 | 12 |
| 34 | Development of Fe(III)-containing ether-functionalized imidazolium ionic liquids for aryl Grignard cross-coupling of alkyl halides. <i>Science Bulletin</i> , 2013, 58, 3624-3629. | 1.7 | 11 |
| 35 | Chemical synthesis and magnetic properties of nanocrystalline (La _{0.67} X Gd _{0.33})Sr _{0.33} MnO ₃ using amorphous molecular alloy as precursors. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2007, 22, 183-186. | 1.0 | 2 |
| 36 | Synthesis of maleic anhydride grafted polyethylene and polypropylene, with controlled molecular structures. <i>Journal of Polymer Science Part A</i> , 2000, 38, 1337-1343. | 2.3 | 73 |

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|----|-----------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | Synthesis of Long Chain Branched Polypropylene with Relatively Well-Defined Molecular Structure. <i>Macromolecules</i> , 1999, 32, 8678-8680. | 4.8 | 61 |