

Hyung-Seok Jang

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

452
citations

759233

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docs citations

21
times ranked

984
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Redox-Active Tyrosine-Mediated Peptide Template for Large-Scale Single-Crystalline Two-Dimensional Silver Nanosheets. <i>ACS Nano</i> , 2020, 14, 1738-1744. | 14.6 | 16 |
| 2 | Hierarchically structured peptide nanofibers for colorimetric detection of gaseous aldehydes. <i>Sensors and Actuators B: Chemical</i> , 2019, 282, 868-875. | 7.8 | 7 |
| 3 | Ultrafast Growth of Large 2D Silver Nanosheets by Highly Ordered Biological Template at Air/Gel Interface. <i>Advanced Materials Interfaces</i> , 2018, 5, 1701491. | 3.7 | 15 |
| 4 | Identifying peptide sequences that can control the assembly of gold nanostructures. <i>Molecular Systems Design and Engineering</i> , 2018, 3, 581-590. | 3.4 | 25 |
| 5 | Shaping characteristics in alginate hydrogel encapsulation via a two-fluid spraying method. <i>Journal of Coatings Technology Research</i> , 2018, 15, 1157-1165. | 2.5 | 3 |
| 6 | Printing Conductive MicroWeb Structures via Capillary Transport of Elastomeric Ink for Highly Stretchable Strain Sensors. <i>Advanced Materials Technologies</i> , 2018, 3, 1700228. | 5.8 | 14 |
| 7 | Biomimetic, Flexible, and Self-Healable Printed Silver Electrode by Spontaneous Self-Layering Phenomenon of a Gelatin Scaffold. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 25666-25672. | 8.0 | 14 |
| 8 | Eumelanin as a support for efficient palladium nanoparticle catalyst for Suzuki coupling reaction of aryl chlorides in water. <i>Tetrahedron Letters</i> , 2017, 58, 2149-2152. | 1.4 | 12 |
| 9 | A hybrid aerodynamic and electrostatic atomization system for enhanced uniformity of thin film. <i>Journal of Electrostatics</i> , 2017, 87, 93-101. | 1.9 | 4 |
| 10 | The Importance of Confined Sulfur Nanodomains and Adjoining Electron Conductive Pathways in Subreaction Regimes of Li-S Batteries. <i>Advanced Energy Materials</i> , 2017, 7, 1700074. | 19.5 | 127 |
| 11 | Triacetate cellulose gate dielectric organic thin-film transistors. <i>Organic Electronics</i> , 2017, 41, 186-189. | 2.6 | 17 |
| 12 | Heterogeneous zirconia-supported ruthenium catalyst for highly selective hydrogenation of 5-hydroxymethyl-2-furaldehyde to 2,5-bis(hydroxymethyl)furans in various n-alcohol solvents. <i>RSC Advances</i> , 2016, 6, 93394-93397. | 3.6 | 41 |
| 13 | Water-Floating Giant Nanosheets from Helical Peptide Pentamers. <i>ACS Nano</i> , 2016, 10, 8263-8270. | 14.6 | 40 |
| 14 | Two-Dimensional Heterogeneous Ruthenium-Molybdenum Disulfide Nanocatalyst for the Selective Aerobic Oxidation of Amines. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 7043-7047. | 3.7 | 12 |
| 15 | Covalent Self-Assembly and One-Step Photocrosslinking of Tyrosine-Rich Oligopeptides to Form Diverse Nanostructures. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 6925-6928. | 13.8 | 46 |
| 16 | A tyrosine-rich peptide induced flower-like palladium nanostructure and its catalytic activity. <i>RSC Advances</i> , 2015, 5, 78026-78029. | 3.6 | 9 |
| 17 | Polymer-supported IBX amide for mild and efficient oxidation reactions. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 29-36. | 5.8 | 9 |
| 18 | Heterogeneous Transition-Metal-Free Alcohol Oxidation by Graphene Oxide Supported Iodoxybenzoic Acid in Water. <i>Synlett</i> , 2013, 24, 2282-2286. | 1.8 | 5 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Selective Oxidation of 5-Hydroxymethylfurfural to 2,5-Diformylfuran by Polymer-Supported IBX Amide. <i>Synlett</i> , 2011, 2011, 165-168. | 1.8 | 12 |
| 20 | Macroporous polystyrene-supported IBX amide: the improved oxidative properties in various solvents. <i>Tetrahedron Letters</i> , 2007, 48, 3731-3734. | 1.4 | 23 |