

# Hyung-Seok Jang

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

452  
citations

759233

12  
h-index

713466

21  
g-index

21  
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21  
docs citations

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times ranked

984  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Importance of Confined Sulfur Nanodomains and Adjoining Electron Conductive Pathways in Subreaction Regimes of Li-ion Batteries. <i>Advanced Energy Materials</i> , 2017, 7, 1700074.	19.5	127
2	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
3	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
4	Water-Floating Giant Nanosheets from Helical Peptide Pentamers. <i>ACS Nano</i> , 2016, 10, 8263-8270.	14.6	40
5	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
6	Macroporous polystyrene-supported IBX amide: the improved oxidative properties in various solvents. <i>Tetrahedron Letters</i> , 2007, 48, 3731-3734.	1.4	23
7	Triacetate cellulose gate dielectric organic thin-film transistors. <i>Organic Electronics</i> , 2017, 41, 186-189.	2.6	17
8	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
9	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
10	Printing Conductive Micro-Web Structures via Capillary Transport of Elastomeric Ink for Highly Stretchable Strain Sensors. <i>Advanced Materials Technologies</i> , 2018, 3, 1700228.	5.8	14
11	Biomimetic, Flexible, and Self-Healable Printed Silver Electrode by Spontaneous Self-Layering Phenomenon of a Gelatin Scaffold. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 25666-25672.	8.0	14
12	Selective Oxidation of 5-Hydroxymethylfurfural to 2,5-Diformylfuran by Polymer-Supported IBX Amide. <i>Synlett</i> , 2011, 2011, 165-168.	1.8	12
13	Two-Dimensional Heterogeneous Ruthenium-Molybdenum Disulfide Nanocatalyst for the Selective Aerobic Oxidation of Amines. <i>Industrial &amp; Engineering Chemistry Research</i> , 2016, 55, 7043-7047.	3.7	12
14	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
15	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
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	Hierarchically structured peptide nanofibers for colorimetric detection of gaseous aldehydes. <i>Sensors and Actuators B: Chemical</i> , 2019, 282, 868-875.	7.8	7
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	A hybrid aerodynamic and electrostatic atomization system for enhanced uniformity of thin film. Journal of Electrostatics, 2017, 87, 93-101.	1.9	4
20	Shaping characteristics in alginate hydrogel encapsulation via a two-fluid spraying method. Journal of Coatings Technology Research, 2018, 15, 1157-1165.	2.5	3