

# Juyoung Kim

## List of Publications by Year in descending order

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16  
papers

342  
citations

1163117

8  
h-index

940533

16  
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16  
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16  
docs citations

16  
times ranked

558  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms of Two-Electron and Four-Electron Electrochemical Oxygen Reduction Reactions at Nitrogen-Doped Reduced Graphene Oxide. <i>ACS Catalysis</i> , 2020, 10, 852-863.	11.2	184
2	Printable Ultraflexible Fluorinated Organic-Inorganic Nanohybrid Sol-Gel Derived Gate Dielectrics for Highly Stable Organic Thin-Film Transistors and Other Practical Applications. <i>Advanced Functional Materials</i> , 2021, 31, 2009539.	14.9	27
3	Use of hybrid composite particles prepared using alkoxysilane-functionalized amphiphilic polymer precursors for simultaneous removal of various pollutants from water. <i>Chemosphere</i> , 2016, 156, 302-311.	8.2	26
4	Understanding Gas Transport Behavior through Few-Layer Graphene Oxide Membranes Controlled by Tortuosity and Interlayer Spacing. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 7725-7731.	4.6	20
5	Validation of MRI quantitative susceptibility mapping of superparamagnetic iron oxide nanoparticles for hyperthermia applications in live subjects. <i>Scientific Reports</i> , 2020, 10, 1171.	3.3	18
6	A critical role of amphiphilic polymers in organic-inorganic hybrid sol-gel derived gate dielectrics for flexible organic thin-film transistors. <i>Journal of Materials Chemistry C</i> , 2019, 7, 11612-11620.	5.5	14
7	Ex situ soil washing of highly contaminated silt loam soil using core-crosslinked amphiphilic polymer nanoparticles. <i>Chemosphere</i> , 2019, 224, 212-219.	8.2	14
8	Highly Dispersed CeOx Hybrid Nanoparticles for Perfluorinated Sulfonic Acid Ionomer-Poly(tetrafluoroethylene) Reinforced Membranes with Improved Service Life. <i>Membranes</i> , 2021, 11, 143.	3.0	9
9	Sol-Gel-Processed Organic-Inorganic Hybrid for Flexible Conductive Substrates Based on Gravure-Printed Silver Nanowires and Graphene. <i>Polymers</i> , 2019, 11, 158.	4.5	8
10	Solution-Processed Flexible Gas Barrier Films for Organic Field-Effect Transistors. <i>Macromolecular Research</i> , 2020, 28, 782-788.	2.4	5
11	Detailed Characterization of an Annealed Reduced Graphene Oxide Catalyst for Selective Peroxide Formation Activity. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 46439-46445.	8.0	4
12	Effects of Compatibilizers in Void Formation: Biaxially-Oriented Polyethylene Terephthalate/Polyphenylene Ether Blend Film. <i>Macromolecular Research</i> , 2020, 28, 605-614.	2.4	4
13	Advanced Side-Impermeability Characteristics of Fluorinated Organic-Inorganic Nanohybrid Materials for Thin Film Encapsulation. <i>Macromolecular Research</i> , 2021, 29, 313-320.	2.4	3
14	Gas Diffusion through Nanoporous Channels of Graphene Oxide and Reduced Graphene Oxide Membranes. <i>ACS Applied Nano Materials</i> , 2022, 5, 7029-7035.	5.0	3
15	Preparation of Re-Dispersible Metal-Oxide Nanocomposite Particles Using Ionomers with Different EW for Enhanced Radical Scavenging Performance. <i>Macromolecular Research</i> , 2021, 29, 551-561.	2.4	2
16	Surface Properties of Structure-Controlled Silica Films Prepared Using Organic-Inorganic Hybrid Solutions. <i>Macromolecular Research</i> , 2020, 28, 15-22.	2.4	1