

Seok Min Yoon

List of Publications by Year in descending order

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29
papers

1,184
citations

394421

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526287

27
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all docs

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docs citations

30
times ranked

2404
citing authors

#	ARTICLE	IF	CITATIONS
1	Storage of Electrical Information in Metal-Organic Framework Memristors. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4437-4441.	13.8	137
2	Fluorinated Copper Phthalocyanine Nanowires for Enhancing Interfacial Electron Transport in Organic Solar Cells. <i>Nano Letters</i> , 2012, 12, 6315-6321.	9.1	97
3	p-Type Semiconducting GeSe Combs by a Vaporization-Condensation-Recrystallization (VCR) Process. <i>Advanced Materials</i> , 2010, 22, 2164-2167.	21.0	95
4	Highly Selective Synthesis of C ₆₀ Disks on Graphite Substrate by a Vapor-Solid Process. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 693-696.	13.8	88
5	Tunneling Electrical Connection to the Interior of Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2015, 137, 8169-8175.	13.7	86
6	Synthesis of Single-Crystal Tetra(4-pyridyl)porphyrin Rectangular Nanotubes in the Vapor Phase. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 2506-2509.	13.8	73
7	Single crystal structure of copper hexadecafluorophthalocyanine (F ₁₆ CuPc) ribbon. <i>Chemical Communications</i> , 2010, 46, 231-233.	4.1	69
8	Tactic, reactive, and functional droplets outside of equilibrium. <i>Chemical Society Reviews</i> , 2016, 45, 4766-4796.	38.1	69
9	Optical Waveguiding and Lasing Action in Porphyrin Rectangular Microtube with Subwavelength Wall Thicknesses. <i>ACS Nano</i> , 2011, 5, 2923-2929.	14.6	50
10	Significant increase in the water dispersibility of zinc phthalocyanine nanowires and applications in cancer phototherapy. <i>NPG Asia Materials</i> , 2012, 4, e12-e12.	7.9	50
11	Large-Area, Freestanding MOF Films of Planar, Curvilinear, or Micropatterned Topographies. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 127-132.	13.8	43
12	Amorphous oxide alloys as interfacial layers with broadly tunable electronic structures for organic photovoltaic cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 7897-7902.	7.1	41
13	Tunable Photoluminescence across the Visible Spectrum and Photocatalytic Activity of Mixed-Valence Rhenium Oxide Nanoparticles. <i>Journal of the American Chemical Society</i> , 2017, 139, 15088-15093.	13.7	33
14	Selective Degradation of Chemical Bonds: From Single-Source Molecular Precursors to Metallic Ag and Semiconducting Ag ₂ S Nanocrystals via Instant Thermal Activation. <i>Langmuir</i> , 2006, 22, 2802-2805.	3.5	30
15	Redox-Mediated Negative Differential Resistance Behavior from Metalloproteins Connected through Carbon Nanotube Nanogap Electrodes. <i>Journal of the American Chemical Society</i> , 2007, 129, 11018-11019.	13.7	29
16	Visible light-sensitive APTES-bound ZnO nanowire toward a potent nanoinjector sensing biomolecules in a living cell. <i>Nanoscale</i> , 2013, 5, 10275.	5.6	29
17	Vaporization-Condensation-Recrystallization Process-Mediated Synthesis of Helical m-Aminobenzoic Acid Nanobelts. <i>Langmuir</i> , 2007, 23, 11875-11882.	3.5	24
18	Nanostructured Rhenium-Carbon Composites as Hydrogen-Evolving Catalysts Effective over the Entire pH Range. <i>ACS Applied Nano Materials</i> , 2019, 2, 2725-2733.	5.0	24

#	ARTICLE	IF	CITATIONS
19	Resistive Memory Devices Based on Reticular Materials for Electrical Information Storage. ACS Applied Materials & Interfaces, 2021, 13, 56777-56792.	8.0	19
20	The Magnetism of Metal-Organic Frameworks for Spintronics. Bulletin of the Korean Chemical Society, 2021, 42, 1170-1183.	1.9	18
21	Charge Transport Pathways of π -Conjugated Metal-Organic Frameworks. Bulletin of the Korean Chemical Society, 2020, 41, 592-594.	1.9	14
22	Growth of germanium nanowires using liquid GeCl ₄ as a precursor: the critical role of Si impurities. Chemical Communications, 2009, , 5124.	4.1	11
23	A facile synthetic route using autogenerated air bubbles for the spontaneous formation of nanostructures. Current Applied Physics, 2006, 6, 747-751.	2.4	8
24	Large-Area, Freestanding MOF Films of Planar, Curvilinear, or Micropatterned Topographies. Angewandte Chemie, 2017, 129, 133-138.	2.0	8
25	Facile and rapid synthesis of crystalline quadruply bonded Cr(μ_4) acetate coordinated with axial ligands. RSC Advances, 2019, 9, 24319-24324.	3.6	5
26	Surface-guided polymorphism control of titanyl phthalocyanine single crystals. Inorganic Chemistry Frontiers, 2020, 7, 2178-2187.	6.0	3
27	Porphyrim-decorated ZnO nanowires as nanoscopic injectors for phototheragnosis of cancer cells. New Journal of Chemistry, 0, , .	2.8	2
28	Autogenerated Air Bubbles for the Spontaneous Formation of Nanostructures. Materials Research Society Symposia Proceedings, 2005, 879, 1.	0.1	0
29	Anisotropic Electrical Conductivity of a Single-Crystalline Oxo-Bridged Cr ^{IV} Mo ^{VI} Heterometallic Complex. Inorganic Chemistry, 2021, 60, 13262-13268.	4.0	0