Geon Dae Moon

List of Publications by Year
in descending order

28 papers	964 citations	687220 13 h-index	552653 26 g-index
30 all docs	30 docs citations	30 times ranked	1894 citing authors

#	Article	IF	Citations
1	Chemical Transformations in Ultrathin Chalcogenide Nanowires. ACS Nano, 2010, 4, 2307-2319.	7.3	208
2	Assembled Monolayers of Hydrophilic Particles on Water Surfaces. ACS Nano, 2011, 5, 8600-8612.	7.3	166
3	Highly Stretchable Patterned Gold Electrodes Made of Au Nanosheets. Advanced Materials, 2013, 25, 2707-2712.	11.1	159
4	Continuous production of uniform poly(3-hexylthiophene) (P3HT) nanofibers by electrospinning and their electrical properties. Journal of Materials Chemistry, 2009, 19, 743-748.	6.7	124
5	Solution-based synthesis of anisotropic metal chalcogenide nanocrystals and their applications. Journal of Materials Chemistry C, 2014, 2, 6222-6248.	2.7	66
6	Bucklingâ€Assisted Patterning of Multiple Polymers. Advanced Materials, 2010, 22, 2642-2646.	11.1	36
7	Yolkâ€“Shell Nanostructures: Syntheses and Applications for Lithium-Ion Battery Anodes. Nanomaterials, 2020, 10, 675.	1.9	21
8	Optimizing PET Glycolysis with an Oyster Shell-Derived Catalyst Using Response Surface Methodology. Polymers, 2022, 14, 656.	2.0	21
9	Decoration of the Interior Surface of Hollow Spherical Silica Colloids with Pt Nanoparticles. Chemistry of Materials, 2008, 20, 3003-3007.	3.2	19
10	Bimodally-porous alumina with tunable mesopore and macropore for efficient organic adsorbents. Chemical Engineering Journal, 2021, 416, 129147.	6.6	19
11	Poly(d,l-lactic-co-glycolic acid) (PLGA) hollow fiber with segmental switchability of its chains sensitive to NIR light for synergistic cancer therapy. Colloids and Surfaces B: Biointerfaces, 2019, 173, 258-265.	2.5	18
12	Gold Nanocage-Incorporated Poly(Îµ-Caprolactone) (PCL) Fibers for Chemophotothermal Synergistic Cancer Therapy. Pharmaceutics, 2019, 11, 60.	2.0	14
13	Understanding the Epitaxial Growth of Se_xTe_y@Te Coreâ"Shell Nanorods and the Generation of Periodic Defects. ACS Nano, 2010, 4, 7283-7292.	7.3	13
14	Multifunctional Metalâ€oxide Integrated Monolayer Graphene Heterostructures for Planar, Flexible, and Skinâ€mountable Device Applications. Nano Energy, 2021, 88, 106274.	8.2	11
15	Dual gate-keeping and reversible on-off switching drug release for anti-cancer therapy with pH- and NIR light-responsive mesoporous silica-coated gold nanorods. Journal of Industrial and Engineering Chemistry, 2022, 106, 233-242.	2.9	11
16	Effect of incorporation of sulfonate (SO3-) on surface sealing of polystyrene (PS)-based bowl. Polymer, 2019, 167, 85-92.	1.8	9
17	Poly(Îµ-caprolactone) (PCL) Hollow Nanoparticles with Surface Sealability and On-Demand Pore Generability for Easy Loading and NIR Light-Triggered Release of Drug. Pharmaceutics, 2019, 11, 528.	2.0	8
18	Transformation of Se@Ag₂Se Coreâ"Shell Colloids and Nanowires into Trigonal Se Nanorods and Uniform Spherical Ag₂Se Colloids. Langmuir, 2009, 25, 458-465.	1.6	6

#	Article	IF	Citations
19	Dimensional and compositional change of 1D chalcogen nanostructures leading to tunable localized surface plasmon resonances. Nanotechnology, 2018, 29, 345603.	1.3	6
20	A recyclable catalyst made of two-dimensional gold-loaded cellulose paper for reduction of 4-nitrophenol. Journal of Industrial and Engineering Chemistry, 2020, 89, 204-211.	2.9	6
21	Tannic acid-coated gold nanorod as a spectrometric probe for sensitive and selective detection of Al3+ in aqueous system. Journal of Industrial and Engineering Chemistry, 2021, 94, 507-514.	2.9	6
22	Thermal annealing-driven surface sealing of polymeric bowl. Polymer, 2018, 135, 338-347.	1.8	5
23	Polymer particles with controllable and complex structures for high immobilization of noble-metal nanoparticles. Journal of Industrial and Engineering Chemistry, 2020, 82, 439-447.	2.9	5
24	User-friendly methodology for chemical vapor deposition â€“grown graphene-layersÂtransfer: Design and implementation. Materials Today Chemistry, 2021, 21, 100546.	1.7	2
25	Magnetic polymer bowl for enhanced catalytic activity and recyclability. RSC Advances, 2021, 11, 13545-13555.	1.7	2
26	Inside Cover: Strain-Controlled Release of Molecules from Arrayed Microcapsules Supported on an Elastomer Substrate (Angew. Chem. Int. Ed. 3/2011). Angewandte Chemie - International Edition, 2011, 50, 556-556.	7.2	0
27	Synthesis and Assembly. SpringerBriefs in Materials, 2019, , 7-51.	0.1	0
28	Larger, flexible, and skin-mountable energy devices with graphene single layers for integratable, wearable, and health monitoring systems. Materials Today Chemistry, 2022, 23, 100764.	1.7	0