

Jihyeon Yeom

List of Publications by Year in descending order

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15
papers

1,717
citations

840776

11
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

3043
citing authors

#	ARTICLE	IF	CITATIONS
1	One-Step Multipurpose Surface Functionalization by Adhesive Catecholamine. <i>Advanced Functional Materials</i> , 2012, 22, 2949-2955.	14.9	436
2	Chiral templating of self-assembling nanostructures by circularly polarized light. <i>Nature Materials</i> , 2015, 14, 66-72.	27.5	330
3	Chiro-magnetic nanoparticles and gels. <i>Science</i> , 2018, 359, 309-314.	12.6	201
4	Branched Aramid Nanofibers. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11744-11748.	13.8	140
5	Chiral Supraparticles for Controllable Nanomedicine. <i>Advanced Materials</i> , 2020, 32, e1903878.	21.0	118
6	Universal Synthesis of Single-Phase Pyrite FeS ₂ Nanoparticles, Nanowires, and Nanosheets. <i>Journal of Physical Chemistry C</i> , 2013, 117, 2567-2573.	3.1	112
7	Assembly of Gold Nanoparticles into Chiral Superstructures Driven by Circularly Polarized Light. <i>Journal of the American Chemical Society</i> , 2019, 141, 11739-11744.	13.7	105
8	Pyrogallol 2-Aminoethane: A Plant Flavonoid-Inspired Molecule for Material-Independent Surface Chemistry. <i>Advanced Materials Interfaces</i> , 2014, 1, 1400113.	3.7	104
9	Biocompatible near-infrared quantum dots delivered to the skin by microneedle patches record vaccination. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	95
10	Cell-Repellent Dextran Coatings of Porous Titania Using Mussel Adhesion Chemistry. <i>Macromolecular Bioscience</i> , 2013, 13, 1511-1519.	4.1	36
11	Broad Chiroptical Activity from Ultraviolet to Short-Wave Infrared by Chirality Transfer from Molecular to Micrometer Scale. <i>ACS Nano</i> , 2021, 15, 15229-15237.	14.6	17
12	Recent advances in chiral nanomaterials with unique electric and magnetic properties. <i>Nano Convergence</i> , 2022, 9, .	12.1	14
13	Atomic Chirality and a Materials Revolution. <i>Accounts of Materials Research</i> , 2021, 2, 471-476.	11.7	5
14	Self-assembled, pH-sensitive retinoate nanostructures ionically complexed with PEG-grafted cationic polyelectrolytes. <i>Colloid and Polymer Science</i> , 2012, 290, 839-845.	2.1	3
15	Multiscale Functional Metal Architectures by Antibody-Guided Metallization of Specific Protein Assemblies in Ex Vivo Multicellular Organisms. <i>Advanced Materials</i> , 2022, 34, .	21.0	1