

Hye-Eun Lee

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

21
papers

1,194
citations

15
h-index

24
g-index

24
ext. papers

1,581
ext. citations

12.7
avg, IF

4.44
L-index

#	Paper	IF	Citations
21	EGlutamylcysteine- and Cysteinyglycine-Directed Growth of Chiral Gold Nanoparticles and their Crystallographic Analysis. <i>Angewandte Chemie</i> , 2020 , 132, 13076-13083	3.6	3
20	Chirality control of inorganic materials and metals by peptides or amino acids. <i>Materials Advances</i> , 2020 , 1, 512-524	3.3	15
19	Uniform Chiral Gap Synthesis for High Dissymmetry Factor in Single Plasmonic Gold Nanoparticle. <i>ACS Nano</i> , 2020 , 14, 3595-3602	16.7	28
18	Cysteine-encoded chirality evolution in plasmonic rhombic dodecahedral gold nanoparticles. <i>Nature Communications</i> , 2020 , 11, 263	17.4	54
17	EGlutamylcysteine- and Cysteinyglycine-Directed Growth of Chiral Gold Nanoparticles and their Crystallographic Analysis. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 12976-12983	16.4	15
16	Chiral 432 Helicoid II Nanoparticle Synthesized with Glutathione and Poly(T)20 Nucleotide. <i>ChemNanoMat</i> , 2020 , 6, 362-367	3.5	10
15	Chiral Surface and Geometry of Metal Nanocrystals. <i>Advanced Materials</i> , 2020 , 32, e1905758	24	33
14	Metal Nanocrystals: Chiral Surface and Geometry of Metal Nanocrystals (Adv. Mater. 41/2020). <i>Advanced Materials</i> , 2020 , 32, 2070308	24	
13	Cysteine Induced Chiral Morphology in Palladium Nanoparticle. <i>Particle and Particle Systems Characterization</i> , 2019 , 36, 1900062	3.1	17
12	Chiral Scatterometry on Chemically Synthesized Single Plasmonic Nanoparticles. <i>ACS Nano</i> , 2019 , 13, 8659-8668	16.7	36
11	Identifying peptide sequences that can control the assembly of gold nanostructures. <i>Molecular Systems Design and Engineering</i> , 2018 , 3, 581-590	4.6	18
10	Amino-acid- and peptide-directed synthesis of chiral plasmonic gold nanoparticles. <i>Nature</i> , 2018 , 556, 360-365	50.4	446
9	Screening of Pro-Asp Sequences Exposed on Bacteriophage M13 as an Ideal Anchor for Gold Nanocubes. <i>ACS Synthetic Biology</i> , 2017 , 6, 1635-1641	5.7	3
8	Biomolecule-Enabled Chiral Assembly of Plasmonic Nanostructures. <i>ChemNanoMat</i> , 2017 , 3, 685-697	3.5	34
7	Graphene Quantum Sheet Catalyzed Silicon Photocathode for Selective CO ₂ Conversion to CO. <i>Advanced Functional Materials</i> , 2016 , 26, 233-242	15.6	66
6	Concave Rhombic Dodecahedral Au Nanocatalyst with Multiple High-Index Facets for CO ₂ Reduction. <i>ACS Nano</i> , 2015 , 9, 8384-93	16.7	199
5	Hybrid Z-Scheme Using Photosystem I and BiVO ₄ for Hydrogen Production. <i>Advanced Functional Materials</i> , 2015 , 25, 2369-2377	15.6	53

4	Phase transformation from hydroxyapatite to the secondary bone mineral, whitlockite. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 1342-1349	7.3	44
3	Virus templated gold nanocube chain for SERS nanoprobe. <i>Small</i> , 2014 , 10, 3007-11	11	36
2	Extended gold nano-morphology diagram: synthesis of rhombic dodecahedra using CTAB and ascorbic acid. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 6861	7.1	48
1	Prediction of the Growth Habit of 7-Amino-4,6-dinitrobenzofuroxan Mediated by Cosolvents. <i>Crystal Growth and Design</i> , 2010 , 10, 618-625	3.5	30