

Hye-Eun Lee

List of Publications by Citations

Source: <https://exaly.com/author-pdf/6699734/hye-eun-lee-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Amino-acid- and peptide-directed synthesis of chiral plasmonic gold nanoparticles. <i>Nature</i> , 2018 , 556, 360-365	50.4	446
20	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
19	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
18	Cysteine-encoded chirality evolution in plasmonic rhombic dodecahedral gold nanoparticles. <i>Nature Communications</i> , 2020 , 11, 263	17.4	54
17	Hybrid Z-Scheme Using Photosystem I and BiVO ₄ for Hydrogen Production. <i>Advanced Functional Materials</i> , 2015 , 25, 2369-2377	15.6	53
16	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
15	Phase transformation from hydroxyapatite to the secondary bone mineral, whitlockite. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 1342-1349	7.3	44
14	Chiral Scatterometry on Chemically Synthesized Single Plasmonic Nanoparticles. <i>ACS Nano</i> , 2019 , 13, 8659-8668	16.7	36
13	Virus templated gold nanocube chain for SERS nanoprobe. <i>Small</i> , 2014 , 10, 3007-11	11	36
12	Biomolecule-Enabled Chiral Assembly of Plasmonic Nanostructures. <i>ChemNanoMat</i> , 2017 , 3, 685-697	3.5	34
11	Chiral Surface and Geometry of Metal Nanocrystals. <i>Advanced Materials</i> , 2020 , 32, e1905758	24	33
10	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
9	Uniform Chiral Gap Synthesis for High Dissymmetry Factor in Single Plasmonic Gold Nanoparticle. <i>ACS Nano</i> , 2020 , 14, 3595-3602	16.7	28
8	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
7	Cysteine Induced Chiral Morphology in Palladium Nanoparticle. <i>Particle and Particle Systems Characterization</i> , 2019 , 36, 1900062	3.1	17
6	Chirality control of inorganic materials and metals by peptides or amino acids. <i>Materials Advances</i> , 2020 , 1, 512-524	3.3	15
5	l-Glutamylcysteine- 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

4	Chiral 432 Helicoid II Nanoparticle Synthesized with Glutathione and Poly(T)20 Nucleotide. <i>ChemNanoMat</i> , 2020 , 6, 362-367	3.5	10
3	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
2	Glutamylcysteine- and Cysteinyglycine-Directed Growth of Chiral Gold Nanoparticles and their Crystallographic Analysis. <i>Angewandte Chemie</i> , 2020 , 132, 13076-13083	3.6	3
1	Metal Nanocrystals: Chiral Surface and Geometry of Metal Nanocrystals (Adv. Mater. 41/2020). <i>Advanced Materials</i> , 2020 , 32, 2070308	2.4	