

# Hye-Eun Lee

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6699734/publications.pdf>

Version: 2024-02-01

22  
papers

2,006  
citations

394390

19  
h-index

677123

22  
g-index

24  
all docs

24  
docs citations

24  
times ranked

2927  
citing authors

#	ARTICLE	IF	CITATIONS
1	Amino-acid- and peptide-directed synthesis of chiral plasmonic gold nanoparticles. <i>Nature</i> , 2018, 556, 360-365.	27.8	785
2	Concave Rhombic Dodecahedral Au Nanocatalyst with Multiple High-Index Facets for CO <sub>2</sub> Reduction. <i>ACS Nano</i> , 2015, 9, 8384-8393.	14.6	242
3	Cysteine-encoded chirality evolution in plasmonic rhombic dodecahedral gold nanoparticles. <i>Nature Communications</i> , 2020, 11, 263.	12.8	145
4	Chiral Surface and Geometry of Metal Nanocrystals. <i>Advanced Materials</i> , 2020, 32, e1905758.	21.0	85
5	Uniform Chiral Gap Synthesis for High Dissymmetry Factor in Single Plasmonic Gold Nanoparticle. <i>ACS Nano</i> , 2020, 14, 3595-3602.	14.6	84
6	Graphene Quantum Sheet Catalyzed Silicon Photocathode for Selective CO <sub>2</sub> Conversion to CO. <i>Advanced Functional Materials</i> , 2016, 26, 233-242.	14.9	77
7	Chiral Scatterometry on Chemically Synthesized Single Plasmonic Nanoparticles. <i>ACS Nano</i> , 2019, 13, 8659-8668.	14.6	69
8	Phase transformation from hydroxyapatite to the secondary bone mineral, whitlockite. <i>Journal of Materials Chemistry B</i> , 2015, 3, 1342-1349.	5.8	66
9	Extended gold nano-morphology diagram: synthesis of rhombic dodecahedra using CTAB and ascorbic acid. <i>Journal of Materials Chemistry C</i> , 2013, 1, 6861.	5.5	65
10	Hybrid Z-scheme Using Photosystem I and BiVO <sub>4</sub> for Hydrogen Production. <i>Advanced Functional Materials</i> , 2015, 25, 2369-2377.	14.9	65
11	β-Glutamylcysteine and Cysteinylglycine-Directed Growth of Chiral Gold Nanoparticles and their Crystallographic Analysis. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 12976-12983.	13.8	59
12	Virus Templated Gold Nanocube Chain for SERS Nanoprobe. <i>Small</i> , 2014, 10, 3007-3011.	10.0	43
13	Biomolecule-Enabled Chiral Assembly of Plasmonic Nanostructures. <i>ChemNanoMat</i> , 2017, 3, 685-697.	2.8	41
14	Prediction of the Growth Habit of 7-Amino-4,6-dinitrobenzofuroxan Mediated by Cosolvents. <i>Crystal Growth and Design</i> , 2010, 10, 618-625.	3.0	31
15	Adenine oligomer directed synthesis of chiral gold nanoparticles. <i>Nature Communications</i> , 2022, 13, .	12.8	31
16	Cysteine Induced Chiral Morphology in Palladium Nanoparticle. <i>Particle and Particle Systems Characterization</i> , 2019, 36, 1900062.	2.3	29
17	Chirality control of inorganic materials and metals by peptides or amino acids. <i>Materials Advances</i> , 2020, 1, 512-524.	5.4	29
18	Identifying peptide sequences that can control the assembly of gold nanostructures. <i>Molecular Systems Design and Engineering</i> , 2018, 3, 581-590.	3.4	25

#	ARTICLE	IF	CITATIONS
19	Chiral 432 Helicoid II Nanoparticle Synthesized with Glutathione and Poly(T) <sub>20</sub> Nucleotide. ChemNanoMat, 2020, 6, 362-367.	2.8	20
20	β-Glutamylcysteine and Cysteinylglycine Directed Growth of Chiral Gold Nanoparticles and their Crystallographic Analysis. Angewandte Chemie, 2020, 132, 13076-13083.	2.0	7
21	Screening of Pro-Asp Sequences Exposed on Bacteriophage M13 as an Ideal Anchor for Gold Nanocubes. ACS Synthetic Biology, 2017, 6, 1635-1641.	3.8	4
22	Metal Nanocrystals: Chiral Surface and Geometry of Metal Nanocrystals (Adv. Mater. 41/2020). Advanced Materials, 2020, 32, 2070308.	21.0	0