

Priscilla Choo

List of Publications by Year in descending order

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12
papers

686
citations

840776

11
h-index

1199594

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13
all docs

13
docs citations

13
times ranked

1045
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigating Reaction Intermediates during the Seedless Growth of Gold Nanostars Using Electron Tomography. ACS Nano, 2022, 16, 4408-4414.	14.6	16
2	Plasmonic Photoelectrocatalysis in Copper-Platinum Core-Shell Nanoparticle Lattices. Nano Letters, 2021, 21, 1523-1529.	9.1	44
3	Nanoparticle Shape Determines Dynamics of Targeting Nanoconstructs on Cell Membranes. Journal of the American Chemical Society, 2021, 143, 4550-4555.	13.7	50
4	Gold Nanoparticle Templating Increases the Catalytic Rate of an Amylase, Maltase, and Glucokinase Multienzyme Cascade through Substrate Channeling Independent of Surface Curvature. ACS Catalysis, 2021, 11, 627-638.	11.2	19
5	Ultrannarrow plasmon resonances from annealed nanoparticle lattices. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 23380-23384.	7.1	80
6	Single-Nanoparticle Orientation Sensing by Deep Learning. ACS Central Science, 2020, 6, 2339-2346.	11.3	15
7	Plasmonic nanostar photocathodes for optically-controlled directional currents. Nature Communications, 2020, 11, 1367.	12.8	32
8	Creation of Single-Photon Emitters in WSe ₂ Monolayers Using Nanometer-Sized Gold Tips. Nano Letters, 2020, 20, 5866-5872.	9.1	33
9	Using Good Buffers To Control the Anisotropic Structure and Optical Properties of Spiky Gold Nanoparticles for Refractive Index Sensing. ACS Applied Nano Materials, 2019, 2, 5266-5271.	5.0	43
10	Manipulating Immune Activation of Macrophages by Tuning the Oligonucleotide Composition of Gold Nanoparticles. Bioconjugate Chemistry, 2019, 30, 2032-2037.	3.6	36
11	Wavelength-Dependent Differential Interference Contrast Inversion of Anisotropic Gold Nanoparticles. Journal of Physical Chemistry C, 2018, 122, 27024-27031.	3.1	14
12	A SERS-based lateral flow assay biosensor for highly sensitive detection of HIV-1 DNA. Biosensors and Bioelectronics, 2016, 78, 530-537.	10.1	304