

# Susie Eustis

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10697802/publications.pdf>

Version: 2024-02-01

12  
papers

4,328  
citations

840119

11  
h-index

1199166

12  
g-index

13  
all docs

13  
docs citations

13  
times ranked

7559  
citing authors

#	ARTICLE	IF	CITATIONS
1	Why gold nanoparticles are more precious than pretty gold: Noble metal surface plasmon resonance and its enhancement of the radiative and nonradiative properties of nanocrystals of different shapes. <i>Chemical Society Reviews</i> , 2006, 35, 209-217.	18.7	2,830
2	Plasmon Coupling in Nanorod Assemblies:Â Optical Absorption, Discrete Dipole Approximation Simulation, and Exciton-Coupling Model. <i>Journal of Physical Chemistry B</i> , 2006, 110, 18243-18253.	1.2	754
3	Gold Nanoparticle Formation from Photochemical Reduction of Au <sup>3+</sup> by Continuous Excitation in Colloidal Solutions. A Proposed Molecular Mechanism. <i>Journal of Physical Chemistry B</i> , 2005, 109, 4811-4815.	1.2	219
4	Aspect Ratio Dependence of the Enhanced Fluorescence Intensity of Gold Nanorods:Â Experimental and Simulation Study. <i>Journal of Physical Chemistry B</i> , 2005, 109, 16350-16356.	1.2	155
5	Determination of the aspect ratio statistical distribution of gold nanorods in solution from a theoretical fit of the observed inhomogeneously broadened longitudinal plasmon resonance absorption spectrum. <i>Journal of Applied Physics</i> , 2006, 100, 044324.	1.1	140
6	Growth and fragmentation of silver nanoparticles in their synthesis with a fs laser and CW light by photo-sensitization with benzophenone. <i>Photochemical and Photobiological Sciences</i> , 2005, 4, 154.	1.6	72
7	Molecular Mechanism of the Photochemical Generation of Gold Nanoparticles in Ethylene Glycol:Â Support for the Disproportionation Mechanism. <i>Journal of Physical Chemistry B</i> , 2006, 110, 14014-14019.	1.2	68
8	Analysis of Copper Incorporation into Zinc Oxide Nanowires. <i>ACS Nano</i> , 2008, 2, 368-376.	7.3	36
9	Using silica films and powders modified with benzophenone to photoreduce silver nanoparticles. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006, 181, 385-393.	2.0	20
10	Structure and spectra of photochemically obtained nanosized silver particles in presence of modified porous silica. <i>International Journal of Photoenergy</i> , 2005, 7, 193-198.	1.4	17
11	Patterns of Ensemble Variation of the Optical Properties of ZnO Nanowires Grown with Copper and Gold Catalysts. <i>Journal of Physical Chemistry C</i> , 2009, 113, 2277-2285.	1.5	11
12	The Aspect Ratio Dependence of the Fluorescence of Gold Nanorods: An Experimental and Theoretical Study. <i>Materials Research Society Symposia Proceedings</i> , 2005, 900, 1.	0.1	0