Susie Eustis

List of Publications by Year
in descending order

12 papers	4,328 citations	840585 11 h-index	1199470 12 g-index
13 all docs	13 docs citations	13 times ranked	7559 citing authors

#	Article	IF	Citations
1	Patterns of Ensemble Variation of the Optical Properties of ZnO Nanowires Grown with Copper and Gold Catalysts. Journal of Physical Chemistry C, 2009, 113, 2277-2285.	1.5	11
2	Analysis of Copper Incorporation into Zinc Oxide Nanowires. ACS Nano, 2008, 2, 368-376.	7.3	36
3	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. Journal of Applied Physics, 2006, 100, 044324.	1.1	140
4	Molecular Mechanism of the Photochemical Generation of Gold Nanoparticles in Ethylene Glycol:Â Support for the Disproportionation Mechanism. Journal of Physical Chemistry B, 2006, 110, 14014-14019.	1.2	68
5	Using silica films and powders modified with benzophenone to photoreduce silver nanoparticles. Journal of Photochemistry and Photobiology A: Chemistry, 2006, 181, 385-393.	2.0	20
6	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. Chemical Society Reviews, 2006, 35, 209-217.	18.7	2,830
7	Plasmon Coupling in Nanorod Assemblies:Â Optical Absorption, Discrete Dipole Approximation Simulation, and Exciton-Coupling Model. Journal of Physical Chemistry B, 2006, 110, 18243-18253.	1.2	754
8	Aspect Ratio Dependence of the Enhanced Fluorescence Intensity of Gold Nanorods:â€‰ Experimental and Simulation Study. Journal of Physical Chemistry B, 2005, 109, 16350-16356.	1.2	155
9	Structure and spectra of photochemically obtained nanosized silver particles in presence of modified porous silica. International Journal of Photoenergy, 2005, 7, 193-198.	1.4	17
10	The Aspect Ratio Dependence of the Fluorescence of Gold Nanorods: An Experimental and Theoretical Study. Materials Research Society Symposia Proceedings, 2005, 900, 1.	0.1	0
11	Growth and fragmentation of silver nanoparticles in their synthesis with a fs laser and CW light by photo-sensitization with benzophenone. Photochemical and Photobiological Sciences, 2005, 4, 154.	1.6	72
12	Gold Nanoparticle Formation from Photochemical Reduction of Au3+ by Continuous Excitation in Colloidal Solutions. A Proposed Molecular Mechanism. Journal of Physical Chemistry B, 2005, 109, 4811-4815.	1.2	219