

Ke Zhao

List of Publications by Year in descending order

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11
papers

765
citations

1163117

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1281871

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11
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docs citations

11
times ranked

1394
citing authors

#	ARTICLE	IF	CITATIONS
1	Fan-Shaped Gold Nanoantennas above Reflective Substrates for Surface-Enhanced Infrared Absorption (SEIRA). <i>Nano Letters</i> , 2015, 15, 1272-1280.	9.1	227
2	Surface-Enhanced Infrared Absorption Using Individual Cross Antennas Tailored to Chemical Moieties. <i>Journal of the American Chemical Society</i> , 2013, 135, 3688-3695.	13.7	212
3	Chemical Contribution to Surface-Enhanced Raman Scattering. <i>Physical Review Letters</i> , 2006, 96, 207401.	7.8	181
4	One-dimensional arrays of nanoshell dimers for single molecule spectroscopy via surface-enhanced raman scattering. <i>Journal of Chemical Physics</i> , 2006, 125, 081102.	3.0	36
5	Plasmon hybridization model generalized to conductively bridged nanoparticle dimers. <i>Journal of Chemical Physics</i> , 2013, 139, 064310.	3.0	31
6	Electronic Coupling and Optimal Gap Size between Two Metal Nanoparticles. <i>Physical Review Letters</i> , 2009, 102, 186804.	7.8	28
7	Geometric Dependence of the Line Width of Localized Surface Plasmon Resonances. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 1352-1357.	4.6	21
8	Tuning the Electronic Coupling and Magnetic Moment of a Metal Nanoparticle Dimer in the Nonlinear Dielectric-Response Regime. <i>Nano Letters</i> , 2009, 9, 4452-4455.	9.1	18
9	Molecular orbital view of the electronic coupling between two metal nanoparticles. <i>Physical Review B</i> , 2010, 82, .	3.2	6
10	Finite size effects on the electromagnetic field enhancement from low-dimensional silver nanoshell dimer arrays. <i>Journal of Chemical Physics</i> , 2008, 129, 204506.	3.0	3
11	Persson, Zhao, and Zhang Reply.. <i>Physical Review Letters</i> , 2006, 97, .	7.8	2