

# K Lance Kelly

## List of Publications by Year in descending order

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13  
papers

11,938  
citations

759055

12  
h-index

1125617

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13  
all docs

13  
docs citations

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times ranked

14690  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bi- and Uniaxially Oriented Growth and Plasmon Resonance Properties of Anisotropic Ag Nanoparticles on Single Crystalline TiO <sub>2</sub> Surfaces. Journal of Physical Chemistry C, 2009, 113, 4758-4762.	1.5	21
2	Photocatalytic growth and plasmon resonance-assisted photoelectrochemical toppling of upright Ag nanoplates on a nanoparticulate TiO <sub>2</sub> film. Chemical Communications, 2009, , 3621.	2.2	24
3	Plasmon resonance-based photoelectrochemical tailoring of spectrum, morphology and orientation of Ag nanoparticles on TiO <sub>2</sub> single crystals. Journal of Materials Chemistry, 2009, 19, 5526.	6.7	48
4	Effects of adsorbed water on plasmon-based dissolution, redeposition and resulting spectral changes of Ag nanoparticles on single-crystalline TiO <sub>2</sub> . Physical Chemistry Chemical Physics, 2008, 10, 2263.	1.3	51
5	Nanostructure of Silver Metal Produced Photocatalytically in TiO <sub>2</sub> Films and the Mechanism of the Resulting Photochromic Behavior. Journal of Physical Chemistry B, 2006, 110, 7743-7749.	1.2	40
6	The Optical Properties of Metal Nanoparticles: The Influence of Size, Shape, and Dielectric Environment. Journal of Physical Chemistry B, 2003, 107, 668-677.	1.2	9,036
7	The Extinction Spectra of Silver Nanoparticle Arrays: Influence of Array Structure on Plasmon Resonance Wavelength and Width. Journal of Physical Chemistry B, 2003, 107, 7343-7350.	1.2	575
8	The Optical Properties of Metal Nanoparticles: The Influence of Size, Shape, and Dielectric Environment. ChemInform, 2003, 34, no.	0.1	61
9	Effective Medium Theory of DNA-linked Gold Nanoparticle Aggregates: Effect of Aggregate Shape. Materials Research Society Symposia Proceedings, 2001, 635, C6.5.1.	0.1	6
10	Nanosphere Lithography: Effect of Substrate on the Localized Surface Plasmon Resonance Spectrum of Silver Nanoparticles. Journal of Physical Chemistry B, 2001, 105, 2343-2350.	1.2	420
11	Chain Length Dependence and Sensing Capabilities of the Localized Surface Plasmon Resonance of Silver Nanoparticles Chemically Modified with Alkanethiol Self-Assembled Monolayers. Journal of the American Chemical Society, 2001, 123, 1471-1482.	6.6	1,014
12	Optical properties of metal nanoparticles and nanoparticle aggregates important in biosensors. Computational and Theoretical Chemistry, 2000, 529, 59-63.	1.5	122
13	Nanosphere Lithography: Effect of the External Dielectric Medium on the Surface Plasmon Resonance Spectrum of a Periodic Array of Silver Nanoparticles. Journal of Physical Chemistry B, 1999, 103, 9846-9853.	1.2	520