

Xiyi Chen

List of Publications by Year in descending order

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13
papers

1,451
citations

687363

13
h-index

1125743

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g-index

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all docs

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docs citations

13
times ranked

2343
citing authors

#	ARTICLE	IF	CITATIONS
1	Second harmonic generation microscopy for quantitative analysis of collagen fibrillar structure. <i>Nature Protocols</i> , 2012, 7, 654-669.	12.0	767
2	The Ultrafast Dynamics of Photodetachment. <i>Annual Review of Physical Chemistry</i> , 2008, 59, 203-231.	10.8	132
3	Flowing liquid sample jet for resonance Raman and ultrafast optical spectroscopy. <i>Review of Scientific Instruments</i> , 2003, 74, 4958-4960.	1.3	125
4	Time-resolved scavenging and recombination dynamics from e^- caged pairs. <i>Journal of Chemical Physics</i> , 2002, 117, 766-778.	3.0	65
5	Ultrafast dynamics for electron photodetachment from aqueous hydroxide. <i>Journal of Chemical Physics</i> , 2004, 120, 11712-11725.	3.0	59
6	Broadband Spectral Probing Revealing Ultrafast Photochemical Branching after Ultraviolet Excitation of the Aqueous Phenolate Anion. <i>Journal of Physical Chemistry A</i> , 2011, 115, 3807-3819.	2.5	54
7	Electron Photodetachment from Aqueous Anions. 3. Dynamics of Geminate Pairs Derived from Photoexcitation of Mono- vs Polyatomic Anions. <i>Journal of Physical Chemistry A</i> , 2006, 110, 9071-9078.	2.5	51
8	Second-harmonic generation circular dichroism studies of osteogenesis imperfecta. <i>Optics Letters</i> , 2012, 37, 3837.	3.3	44
9	Electron Photodetachment from Aqueous Anions. 2. Ionic Strength Effect on Geminate Recombination Dynamics and Quantum Yield for Hydrated Electron. <i>Journal of Physical Chemistry A</i> , 2004, 108, 10414-10425.	2.5	40
10	Solvent effects on geminate recombination dynamics after photodetachment. <i>Radiation Physics and Chemistry</i> , 2005, 72, 159-167.	2.8	36
11	Cell Adhesion on Micro-Structured Fibronectin Gradients Fabricated by Multiphoton Excited Photochemistry. <i>Cellular and Molecular Bioengineering</i> , 2012, 5, 307-319.	2.1	31
12	Adhesion and migration of ovarian cancer cells on crosslinked laminin fibers nanofabricated by multiphoton excited photochemistry. <i>Integrative Biology (United Kingdom)</i> , 2009, 1, 469.	1.3	25
13	Investigation of Macrocyclic Polymers as Artificial Light Harvesters: Subpicosecond Energy Transfer in Poly(9,9-dimethyl-2-vinylfluorene). <i>Journal of Physical Chemistry B</i> , 2008, 112, 16367-16381.	2.6	22