

Julien Burgin

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

761
citations

623734

14
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

1155
citing authors

#	ARTICLE	IF	CITATIONS
1	Damping of acoustic vibrations in gold nanoparticles. <i>Nature Nanotechnology</i> , 2009, 4, 492-495.	31.5	191
2	Dielectric Sensing with Deposited Gold Bipyramids. <i>Journal of Physical Chemistry C</i> , 2008, 112, 19279-19282.	3.1	84
3	Surface Plasmon Resonance Properties of Single Elongated Nano-objects: Gold Nanobipyramids and Nanorods. <i>Langmuir</i> , 2012, 28, 9027-9033.	3.5	77
4	Time-Resolved Investigation of the Acoustic Vibration of a Single Gold Nanoprism Pair. <i>Journal of Physical Chemistry C</i> , 2008, 112, 11231-11235.	3.1	68
5	Optical properties and relaxation processes at femtosecond scale of bimetallic clusters. <i>Faraday Discussions</i> , 2008, 138, 137-145.	3.2	46
6	Acoustic Vibrations of Au Nano-Bipyramids and their Modification under Ag Deposition: a Perspective for the Development of Nanobalances. <i>ACS Nano</i> , 2013, 7, 7630-7639.	14.6	45
7	Acoustic Vibration Modes and Electron-Phonon Lattice Coupling in Self-Assembled Silver Nanocolumns. <i>Nano Letters</i> , 2008, 8, 1296-1302.	9.1	36
8	Vibrational modes and local order in permanently densified silica glasses: Femtosecond and Raman spectroscopy study. <i>Physical Review B</i> , 2008, 78, .	3.2	33
9	3D morphology of Au and Au@Ag nanobipyramids. <i>Nanoscale</i> , 2012, 4, 1299.	5.6	31
10	Local Plasmonic Studies on Individual Core-Shell Gold-Silver and Pure Gold Nano-Bipyramids. <i>Journal of Physical Chemistry C</i> , 2014, 118, 25643-25650.	3.1	31
11	Ultrafast Acoustic Vibrations of Bimetallic Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2015, 119, 1591-1599.	3.1	24
12	Ultrafast electron-lattice thermalization in copper and other noble metal nanoparticles. <i>Journal of Physics Condensed Matter</i> , 2019, 31, 084001.	1.8	18
13	Femtosecond investigation of the non-instantaneous third-order nonlinear susceptibility in liquids and glasses. <i>Applied Physics Letters</i> , 2005, 87, 211916.	3.3	17
14	Screen-printed phosphor coatings for white LED emission. <i>Journal of Materials Science</i> , 2011, 46, 2235-2241.	3.7	17
15	Acoustic Vibrations of Core-Shell Nanospheres: Probing the Mechanical Contact at the Metal-Dielectric Interface. <i>Journal of Physical Chemistry C</i> , 2018, 122, 9127-9133.	3.1	13
16	Femtosecond spectroscopy of defect modes in silica glasses. <i>Applied Physics Letters</i> , 2005, 86, 081909.	3.3	11
17	Electron-Phonon Scattering in 2D Silver Nanotriangles. <i>Journal of Physical Chemistry C</i> , 2013, 117, 22041-22045.	3.1	9
18	Enhancing optofluidic actuation of micro-objects by tagging with plasmonic nanoparticles. <i>Optics Express</i> , 2014, 22, 10139.	3.4	6

#	ARTICLE	IF	CITATIONS
19	Femtosecond time-resolved investigation of the vibrational modes of vitreous GeO ₂ . Applied Physics Letters, 2006, 89, 251913.	3.3	4
20	Promoting optofluidic actuation of microparticles with plasmonic nanoparticles. Proceedings of SPIE, 2014, , .	0.8	0