

Brad N Littleton

List of Publications by Year in descending order

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25
papers

572
citations

759233

12
h-index

794594

19
g-index

26
all docs

26
docs citations

26
times ranked

673
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-color coherent anti-Stokes Raman scattering with optical nonresonant background removal. <i>Journal of Raman Spectroscopy</i> , 2019, 50, 1303-1310.	2.5	5
2	Hybrid 2-color/3-color background-free broadband CARS with passive polarization optics. , 2019, , .		0
3	Proanthocyanidin trimer gallate modulates lipid deposition and fatty acid desaturation in <i>Caenorhabditis elegans</i> . <i>FASEB Journal</i> , 2017, 31, 4891-4902.	0.5	9
4	In vivo lipid saturation study of <i>C. elegans</i> using quantitative broadband coherent anti-Stokes Raman imaging (Conference Presentation). , 2016, , .		0
5	Resonant artefacts in broadband CARS microspectroscopy (Conference Presentation). , 2016, , .		0
6	Hyperspectral imaging via spectral interferometric polarised coherent anti-Stokes Raman scattering. <i>Proceedings of SPIE</i> , 2014, , .	0.8	0
7	Spectral Interferometric Implementation with Passive Polarization Optics of Coherent Anti-Stokes Raman Scattering. <i>Physical Review Letters</i> , 2013, 111, 103902.	7.8	15
8	Spontaneous Spectral Diffusion in CdSe Quantum Dots. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 1716-1720.	4.6	54
9	Broadband coherent Raman imaging for multiplexed detection. , 2011, , .		0
10	Interferometric Coherent Raman Micro-Spectroscopy with a Low Coherence Supercontinuum Source. , 2010, , .		0
11	A method for achieving super-resolved widefield CARS microscopy. <i>Optics Express</i> , 2010, 18, 19263.	3.4	48
12	Anomalous Power Laws of Spectral Diffusion in Quantum Dots: A Connection to Luminescence Intermittency. <i>Physical Review Letters</i> , 2010, 105, 167402.	7.8	34
13	Charge hopping revealed by jitter correlations in the photoluminescence spectra of single CdSe nanocrystals. <i>Physical Review B</i> , 2010, 81, .	3.2	24
14	High-Resolution Line Width Measurement of Single CdSe Nanocrystals at Long Time Scales. <i>Journal of Physical Chemistry C</i> , 2009, 113, 5345-5348.	3.1	10
15	Detection of Bright Trion States Using the Fine Structure Emission of Single CdSe/ZnS Colloidal Quantum Dots. <i>ACS Nano</i> , 2009, 3, 3762-3768.	14.6	50
16	Acoustic Phonon Contributions to the Emission Spectrum of Single CdSe Nanocrystals. <i>Journal of Physical Chemistry C</i> , 2008, 112, 1878-1884.	3.1	71
17	On Bistatic Inverse Synthetic Aperture Radar. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2007, 43, 1125-1134.	4.7	122
18	Coherent super-resolution microscopy via laterally structured illumination. <i>Micron</i> , 2007, 38, 150-157.	2.2	32

#	ARTICLE	IF	CITATIONS
19	Fluorescent organosilica micro- and nanoparticles with controllable size. <i>Journal of Colloid and Interface Science</i> , 2007, 310, 144-150.	9.4	48
20	Inverse Synthetic Aperture Radar. <i>Eurasip Journal on Advances in Signal Processing</i> , 2006, 2006, 1.	1.7	12
21	Near-resonant holographic interferometry and absorption measurements of seeded atomic species in a flame. <i>Applied Optics</i> , 2004, 43, 3391.	2.1	4
22	OH concentration and temperature measurements by use of near-resonant holographic interferometry. <i>Applied Optics</i> , 2004, 43, 6384.	2.1	2
23	Near-resonant holographic interferometry of hypersonic flow. <i>Shock Waves</i> , 2001, 11, 23-29.	1.9	6
24	Ionic strontium fluorescence as a method for flow tagging velocimetry. <i>Experiments in Fluids</i> , 2001, 30, 36-42.	2.4	17
25	Flow tagging velocimetry in a superorbital expansion tube. <i>Shock Waves</i> , 2000, 10, 225-228.	1.9	9