

Ian M Craig

List of Publications by Year in descending order

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13
papers

869
citations

1040056

9
h-index

1372567

10
g-index

13
all docs

13
docs citations

13
times ranked

1429
citing authors

#	ARTICLE	IF	CITATIONS
1	Sensing of gaseous HF at low part-per-trillion levels using a tunable 2.5- μm diode laser spectrometer operating at ambient pressure. <i>Applied Physics B: Lasers and Optics</i> , 2015, 120, 505-515.	2.2	5
2	Infrared scattering scanning near-field optical microscopy using an external cavity quantum cascade laser for nanoscale chemical imaging and spectroscopy of explosive residues. , 2013, , .		2
3	Reflection-absorption infrared spectroscopy of thin films using an external cavity quantum cascade laser. , 2013, , .		3
4	Infrared near-field spectroscopy of trace explosives using an external cavity quantum cascade laser. <i>Optics Express</i> , 2013, 21, 30401.	3.4	30
5	Ultrafast infrared near-field molecular nano-spectroscopy. <i>EPJ Web of Conferences</i> , 2013, 41, 09014.	0.3	0
6	Pushing the Sample-Size Limit of Infrared Vibrational Nanospectroscopy: From Monolayer toward Single Molecule Sensitivity. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 1836-1841.	4.6	109
7	Second-harmonic generation in conjugated polymer films: A sensitive probe of how bulk polymer crystallinity changes with spin speed. <i>Journal of Chemical Physics</i> , 2010, 133, 044901.	3.0	17
8	A new route to dual fluorescence: Spectroscopic properties of the valence tautomers of a 3-(2H)-isoquinolinone derivative. <i>Chemical Physics Letters</i> , 2009, 477, 319-324.	2.6	21
9	Controlling optical gain in semiconducting polymers with nanoscale chain positioning and alignment. <i>Nature Nanotechnology</i> , 2007, 2, 647-652.	31.5	102
10	Synthesis and Color Tuning Properties of Blue Highly Fluorescent Vinyl Polymers Containing a Pendant Pyrrolopyridazine. <i>Macromolecules</i> , 2005, 38, 4698-4704.	4.8	17
11	Surface Chemistry and Electrochemistry of Supported Zerovalent Iron Nanoparticles in the Remediation of Aqueous Metal Contaminants. <i>Chemistry of Materials</i> , 2001, 13, 479-486.	6.7	252
12	Coordination Chemistry of Trivalent Lanthanide and Actinide Ions in Dilute and Concentrated Chloride Solutions. <i>Inorganic Chemistry</i> , 2000, 39, 595-601.	4.0	299
13	Electron Paramagnetic Resonance Spectrum of Pr ⁴⁺ in Sr ₂ CeO ₄ . <i>Journal of Solid State Chemistry</i> , 1999, 144, 20-24.	2.9	12