

Jonathan M Bobbitt

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

144
citations

1307594

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1199594

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13
docs citations

13
times ranked

296
citing authors

#	ARTICLE	IF	CITATIONS
1	The evolution of total internal reflection Raman spectroscopy for the chemical characterization of thin films and interfaces. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 6009-6022.	3.7	8
2	Combined measurement of directional Raman scattering and surface-plasmon-polariton cone from adsorbates on smooth planar gold surfaces. <i>Analyst</i> , 2018, 143, 400-408.	3.5	10
3	Extracting interface locations in multilayer polymer waveguide films using scanning angle Raman spectroscopy. <i>Journal of Raman Spectroscopy</i> , 2018, 49, 262-270.	2.5	7
4	Large-Scale Synthesis of Colloidal Si Nanocrystals and Their Helium Plasma Processing into Spin-On, Carbon-Free Nanocrystalline Si Films. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 20740-20747.	8.0	5
5	Selective Removal of Ligands from Colloidal Nanocrystal Assemblies with Non-Oxidizing He Plasmas. <i>Chemistry of Materials</i> , 2018, 30, 5961-5967.	6.7	17
6	Building Materials from Colloidal Nanocrystal Assemblies: Molecular Control of Solid/Solid Interfaces in Nanostructured Tetragonal ZrO ₂ . <i>Chemistry of Materials</i> , 2017, 29, 7888-7900.	6.7	12
7	Calcination does not remove all carbon from colloidal nanocrystal assemblies. <i>Nature Communications</i> , 2017, 8, 2038.	12.8	52
8	Characterizing Electric Field Exposed P3HT Thin Films Using Polarized Light Spectroscopies. <i>Macromolecular Chemistry and Physics</i> , 2016, 217, 1801-1809.	2.2	3
9	Scanning angle Raman spectroscopy: A nondestructive method for simultaneously determining mixed polymer fractional composition and film thickness. <i>Polymer</i> , 2016, 107, 82-88.	3.8	8
10	Quantitative Comparison of Organic Photovoltaic Bulk Heterojunction Photostability Under Laser Illumination. <i>Journal of Physical Chemistry C</i> , 2014, 118, 30229-30237.	3.1	5
11	Fourier Transform-Plasmon Waveguide Spectroscopy: A Nondestructive Multifrequency Method for Simultaneously Determining Polymer Thickness and Apparent Index of Refraction. <i>Analytical Chemistry</i> , 2014, 86, 11957-11961.	6.5	4
12	High angular-resolution automated visible-wavelength scanning angle Raman microscopy. <i>Analytica Chimica Acta</i> , 2014, 848, 61-66.	5.4	5
13	Diastereoselective discrimination of lysine-alanine peptides by zwitterionic cinchona alkaloid-based chiral selectors using electrospray ionization mass spectrometry. <i>Journal of Chromatography A</i> , 2012, 1269, 308-315.	3.7	8