

Eric J Titus

List of Publications by Year in descending order

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papers

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citations

840776

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1125743

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14
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448
citing authors

#	ARTICLE	IF	CITATIONS
1	Super-Resolution SERS Imaging beyond the Single-Molecule Limit: An Isotope-Edited Approach. <i>Nano Letters</i> , 2012, 12, 5103-5110.	9.1	66
2	SERS Orientational Imaging of Silver Nanoparticle Dimers. <i>Journal of Physical Chemistry Letters</i> , 2011, 2, 2711-2715.	4.6	43
3	Accuracy of Superlocalization Imaging Using Gaussian and Dipole Emission Point-Spread Functions for Modeling Gold Nanorod Luminescence. <i>ACS Nano</i> , 2013, 7, 6258-6267.	14.6	35
4	Discriminating Nanoparticle Dimers from Higher Order Aggregates through Wavelength-Dependent SERS Orientational Imaging. <i>ACS Nano</i> , 2012, 6, 1806-1813.	14.6	29
5	Triplet-State-Mediated Super-Resolution Imaging of Fluorophore-Labeled Gold Nanorods. <i>ChemPhysChem</i> , 2014, 15, 784-793.	2.1	27
6	Superlocalization Surface-Enhanced Raman Scattering Microscopy: Comparing Point Spread Function Models in the Ensemble and Single-Molecule Limits. <i>ACS Nano</i> , 2013, 7, 8284-8294.	14.6	18
7	Comparing the Accuracy of Reconstructed Image Size in Super-Resolution Imaging of Fluorophore-Labeled Gold Nanorods Using Different Fit Models. <i>Journal of Physical Chemistry C</i> , 2015, 119, 19333-19343.	3.1	17
8	Visualizing and Calculating Tip-Substrate Distance in Nanoscale Scanning Electrochemical Microscopy Using 3-Dimensional Super-Resolution Optical Imaging. <i>Analytical Chemistry</i> , 2017, 89, 922-928.	6.5	15
9	Observation of Nanometer-Sized Electro-Active Defects in Insulating Layers by Fluorescence Microscopy and Electrochemistry. <i>Analytical Chemistry</i> , 2015, 87, 5730-5737.	6.5	13
10	Effects of Tuning Fluorophore Density, Identity, and Spacing on Reconstructed Images in Super-Resolution Imaging of Fluorophore-Labeled Gold Nanorods. <i>Journal of Physical Chemistry C</i> , 2015, 119, 28099-28110.	3.1	12
11	Objective-Induced Point Spread Function Aberrations and Their Impact on Super-Resolution Microscopy. <i>Analytical Chemistry</i> , 2015, 87, 6419-6424.	6.5	12
12	Subdiffraction-Limited Far-Field Raman Spectroscopy of Single Carbon Nanotubes: An Unenhanced Approach. <i>ACS Nano</i> , 2011, 5, 1033-1041.	14.6	8
13	Monte Carlo simulations of triplet-state photophysics for super-resolution imaging of fluorophore-labeled gold nanorods. <i>Proceedings of SPIE</i> , 2015, , .	0.8	2