

Jay P Kitt

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Raman Spectroscopy Reveals Selective Interactions of Cytochrome <i>c</i> with Cardiolipin That Correlate with Membrane Permeability. <i>Journal of the American Chemical Society</i> , 2017, 139, 3851-3860.	6.6	44
2	Confocal Raman Microscopy for in Situ Detection of Solid-Phase Extraction of Pyrene into Single C ₁₈ -Silica Particles. <i>Analytical Chemistry</i> , 2014, 86, 1719-1725.	3.2	29
3	Confocal-Raman Microscopy Characterization of Supported Phospholipid Bilayers Deposited on the Interior Surfaces of Chromatographic Silica. <i>Journal of the American Chemical Society</i> , 2018, 140, 4071-4078.	6.6	23
4	Structural Elucidation of Bisulfite Adducts to Pseudouridine That Result in Deletion Signatures during Reverse Transcription of RNA. <i>Journal of the American Chemical Society</i> , 2019, 141, 16450-16460.	6.6	23
5	Single Layer Graphene for Estimation of Axial Spatial Resolution in Confocal Raman Microscopy Depth Profiling. <i>Analytical Chemistry</i> , 2019, 91, 1049-1055.	3.2	20
6	A Randomized, Controlled, Pilot Study of CPAP for Patients with Chronic Cough and Obstructive Sleep Apnea. <i>Lung</i> , 2020, 198, 449-457.	1.4	20
7	Confocal Raman Microscopy of Hybrid-Supported Phospholipid Bilayers within Individual C ₁₈ -Functionalized Chromatographic Particles. <i>Langmuir</i> , 2016, 32, 9033-9044.	1.6	17
8	Confocal Raman Microscopy for in Situ Measurement of Octanol-Water Partitioning within the Pores of Individual C ₁₈ -Functionalized Chromatographic Particles. <i>Analytical Chemistry</i> , 2015, 87, 5340-5347.	3.2	14
9	Calorimetry-Derived Composition Vectors to Resolve Component Raman Spectra in Phospholipid Phase Transitions. <i>Applied Spectroscopy</i> , 2016, 70, 1165-1175.	1.2	13
10	Confocal Raman Microscopy for Label-Free Detection of Protein-Ligand Binding at Nanopore-Supported Phospholipid Bilayers. <i>Analytical Chemistry</i> , 2018, 90, 11509-11516.	3.2	12
11	Lacritin proteoforms prevent tear film collapse and maintain epithelial homeostasis. <i>Journal of Biological Chemistry</i> , 2021, 296, 100070.	1.6	12
12	Spatial Filtering of a Diode Laser Beam for Confocal Raman Microscopy. <i>Applied Spectroscopy</i> , 2015, 69, 513-517.	1.2	10
13	Confocal Raman Microscopy for the Determination of Protein and Quaternary Ammonium Ion Loadings in Biocatalytic Membranes for Electrochemical Energy Conversion and Storage. <i>Analytical Chemistry</i> , 2017, 89, 13290-13298.	3.2	10
14	Confocal Raman Microscopy for in Situ Measurement of Phospholipid-Water Partitioning into Model Phospholipid Bilayers within Individual Chromatographic Particles. <i>Analytical Chemistry</i> , 2018, 90, 7048-7055.	3.2	10
15	Confocal Raman Microscopy Investigation of Molecular Transport into Individual Chromatographic Silica Particles. <i>Analytical Chemistry</i> , 2017, 89, 2755-2763.	3.2	9
16	Vibrational Spectroscopy for the Determination of Ionizable Group Content in Ionomer Materials. <i>Applied Spectroscopy</i> , 2018, 72, 141-150.	1.2	8
17	Adapting confocal Raman microscopy for in situ studies of redox transformations at electrode-electrolyte interfaces. <i>Journal of Electroanalytical Chemistry</i> , 2021, 896, 115207.	1.9	7
18	Interdisciplinary data science to advance environmental health research and improve birth outcomes. <i>Environmental Research</i> , 2021, 197, 111019.	3.7	6

#	ARTICLE	IF	CITATIONS
19	Confocal Raman Microscopy Investigation of Self-Assembly of Hybrid Phospholipid Bilayers within Individual Porous Silica Chromatographic Particles. <i>Analytical Chemistry</i> , 2019, 91, 7790-7797.	3.2	4
20	Infrared Microscopy as a Probe of Composition within a Model Biofuel Cell Electrode Prepared from <i>Trametes versicolor</i> Laccase. <i>ChemElectroChem</i> , 2019, 6, 818-826.	1.7	4
21	Confocal Raman Microscopy Investigation of Phospholipid Monolayers Deposited on Nitrile-Modified Surfaces in Porous Silica Particles. <i>Langmuir</i> , 2020, 36, 4071-4079.	1.6	4
22	Hybrid-Lipid Bilayers Induce n-Alkyl-Chain Order in Reversed-Phase Chromatographic Surfaces, Impacting their Shape Selectivity for Aromatic Hydrocarbon Partitioning. <i>Analytical Chemistry</i> , 2021, 93, 4118-4125.	3.2	2
23	Inter-Leaflet Phospholipid Exchange Impacts the Ligand Density Available for Protein Binding at Supported Lipid Bilayers. <i>Langmuir</i> , 2022, 38, 6967-6976.	1.6	2
24	Vibrational Spectroscopic Monitoring of the Gelation Transition in Nafion Ionomer Dispersions. <i>Applied Spectroscopy</i> , 2021, 75, 376-384.	1.2	1
25	Raman Microscopy Investigation of GLP-1 Peptide Association with Supported Phospholipid Bilayers. <i>Langmuir</i> , 2021, , .	1.6	1
26	Hybrid-Supported Bilayers Formed with Mixed-Charge Surfactants on C18-Functionalized Silica Surfaces. <i>Langmuir</i> , 2020, 36, 7609-7618.	1.6	0