

Laura B Sagle

List of Publications by Year in descending order

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29
papers

2,288
citations

377584

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536525

29
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all docs

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docs citations

29
times ranked

4506
citing authors

#	ARTICLE	IF	CITATIONS
1	Utilizing molecular resonance-localized surface plasmon resonance coupling for copper ion detection in plasma. <i>Analyst, The</i> , 2020, 145, 4950-4956.	1.7	6
2	Surface-Enhanced Raman Spectroscopy of Fluid-Supported Lipid Bilayers. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 33442-33451.	4.0	11
3	Single molecule protein patterning using hole mask colloidal lithography. <i>Nanoscale</i> , 2019, 11, 16228-16234.	2.8	9
4	The facile removal of CTAB from the surface of gold nanorods. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 163, 140-145.	2.5	57
5	Advances in surface-enhanced Raman spectroscopy (SERS) substrates for lipid and protein characterization: sensing and beyond. <i>Analyst, The</i> , 2018, 143, 3990-4008.	1.7	120
6	Novel Liposome-Based Surface-Enhanced Raman Spectroscopy (SERS) Substrate. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 2639-2646.	2.1	30
7	Collagen-Gold Nanoparticle Conjugates for Versatile Biosensing. <i>Sensors</i> , 2017, 17, 378.	2.1	26
8	Surface Enhanced Raman Spectroscopy of a Au@Au Core-Shell Structure Containing a Spiky Shell. <i>Journal of Physical Chemistry C</i> , 2016, 120, 20814-20821.	1.5	22
9	Electrochemical Characterization of Vertically Aligned Carbon Nanofiber Arrays Prepared by Hole-mask Colloidal Lithography. <i>Electroanalysis</i> , 2016, 28, 3039-3047.	1.5	5
10	Ultrasensitive Plasmonic Platform for Label-Free Detection of Membrane-Associated Species. <i>Analytical Chemistry</i> , 2016, 88, 7968-7974.	3.2	23
11	Carbon nanofiber electrode array for the detection of lead. <i>Electrochemistry Communications</i> , 2016, 73, 89-93.	2.3	21
12	Tunable Au-Ag nanobowl arrays for size-selective plasmonic biosensing. <i>Analyst, The</i> , 2016, 141, 4870-4878.	1.7	15
13	Localized Surface Plasmon Resonance Biosensing: Current Challenges and Approaches. <i>Sensors</i> , 2015, 15, 15684-15716.	2.1	390
14	Capping Agent-Free Gold Nanostars Show Greatly Increased Versatility and Sensitivity for Biosensing. <i>Analytical Chemistry</i> , 2015, 87, 3964-3972.	3.2	47
15	Patterned Plasmonic Nanoparticle Arrays for Microfluidic and Multiplexed Biological Assays. <i>Analytical Chemistry</i> , 2015, 87, 11407-11414.	3.2	36
16	Direct glucose sensing in the physiological range through plasmonic nanoparticle formation. <i>Analyst, The</i> , 2015, 140, 590-599.	1.7	17
17	Single Plasmonic Nanoparticle Tracking Studies of Solid Supported Bilayers with Ganglioside Lipids. <i>Journal of the American Chemical Society</i> , 2012, 134, 15832-15839.	6.6	45
18	Methyl Groups of Trimethylamine <i>N</i> -Oxide Orient Away from Hydrophobic Interfaces. <i>Journal of the American Chemical Society</i> , 2011, 133, 18707-18712.	6.6	69

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19	Advances in localized surface plasmon resonance spectroscopy biosensing. <i>Nanomedicine</i> , 2011, 6, 1447-1462.	1.7	125
20	Hydrogen Bonding of β -Turn Structure Is Stabilized in D_2O . <i>Journal of the American Chemical Society</i> , 2009, 131, 15188-15193.	6.6	79
21	Investigating the Hydrogen-Bonding Model of Urea Denaturation. <i>Journal of the American Chemical Society</i> , 2009, 131, 9304-9310.	6.6	254
22	Effects of Hofmeister Anions on the Phase Transition Temperature of Elastin-like Polypeptides. <i>Journal of Physical Chemistry B</i> , 2008, 112, 13765-13771.	1.2	277
23	Urea Orientation at Protein Surfaces. <i>Journal of the American Chemical Society</i> , 2007, 129, 15104-15105.	6.6	85
24	Effects of Hofmeister Anions on the LCST of PNIPAM as a Function of Molecular Weight. <i>Journal of Physical Chemistry C</i> , 2007, 111, 8916-8924.	1.5	335
25	Redox-Coupled Dynamics and Folding in Cytochrome <i>c</i> . <i>Journal of the American Chemical Society</i> , 2006, 128, 7909-7915.	6.6	37
26	Direct and High Resolution Characterization of Cytochrome <i>c</i> Equilibrium Folding. <i>Journal of the American Chemical Society</i> , 2006, 128, 14232-14233.	6.6	34
27	Efforts toward Developing Direct Probes of Protein Dynamics. <i>Journal of the American Chemical Society</i> , 2006, 128, 6028-6029.	6.6	49
28	A High-Resolution Probe of Protein Folding. <i>Journal of the American Chemical Society</i> , 2004, 126, 3384-3385.	6.6	54
29	Evidence for Heme-Heme Excitonic Coupling in the Soret Circular Dichroism of Hemoglobin. <i>Biochemical and Biophysical Research Communications</i> , 1997, 235, 610-614.	1.0	10