

Logan D C Bishop

List of Publications by Year in descending order

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14
papers

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citations

933447

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1058476

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all docs

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docs citations

15
times ranked

272
citing authors

#	ARTICLE	IF	CITATIONS
1	A new metric for relating macroscopic chromatograms to microscopic surface dynamics: the distribution function ratio (DFR). <i>Analyst</i> , The, 2021, 146, 4268-4279.	3.5	0
2	Single-Molecule Dynamics Reflect IgG Conformational Changes Associated with Ion-Exchange Chromatography. <i>Analytical Chemistry</i> , 2021, 93, 11200-11207.	6.5	7
3	Machine-Learned Decision Trees for Predicting Gold Nanorod Sizes from Spectra. <i>Journal of Physical Chemistry C</i> , 2021, 125, 19353-19361.	3.1	16
4	Untying the Gordian KNOT: Unbiased Single Particle Tracking Using Point Clouds and Adaptive Motion Analysis. <i>Journal of Physical Chemistry A</i> , 2021, 125, 8723-8733.	2.5	7
5	Unraveling peak asymmetry in chromatography through stochastic theory powered Monte Carlo simulations. <i>Journal of Chromatography A</i> , 2020, 1625, 461323.	3.7	8
6	Transforming Separation Science with Single-Molecule Methods. <i>Analytical Chemistry</i> , 2020, 92, 13622-13629.	6.5	11
7	Imaging Switchable Protein Interactions with an Active Porous Polymer Support. <i>Journal of Physical Chemistry B</i> , 2020, 124, 4412-4420.	2.6	15
8	A mechanistic examination of salting out in protein-polymer membrane interactions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 22938-22945.	7.1	16
9	Enhancing Analytical Separations Using Super-Resolution Microscopy. <i>Annual Review of Physical Chemistry</i> , 2018, 69, 353-375.	10.8	18
10	From a Protein's Perspective: Elution at the Single-Molecule Level. <i>Accounts of Chemical Research</i> , 2018, 51, 2247-2254.	15.6	17
11	Variable Lysozyme Transport Dynamics on Oxidatively Functionalized Polystyrene Films. <i>Langmuir</i> , 2017, 33, 10818-10828.	3.5	15
12	The structure-energy landscape of NMDA receptor gating. <i>Nature Chemical Biology</i> , 2017, 13, 1232-1238.	8.0	41
13	Generalized recovery algorithm for 3D super-resolution microscopy using rotating point spread functions. <i>Scientific Reports</i> , 2016, 6, 30826.	3.3	29
14	Effects of Solute-Solvent Hydrogen Bonding on Nonaqueous Electrolyte Structure. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 2888-2891.	4.6	25