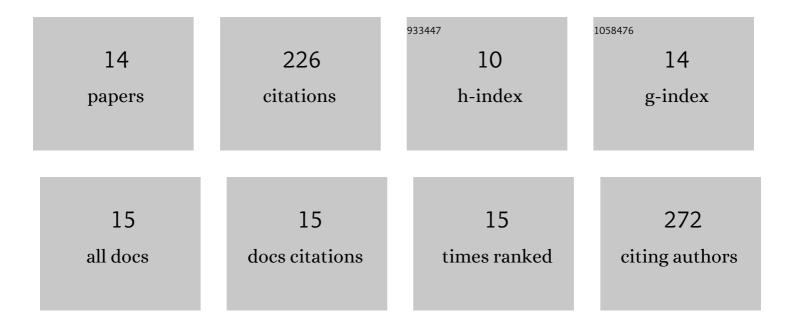
Logan D C Bishop

List of Publications by Year in descending order

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LOCAN D C RISHOP

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