

Gerrick E Lindberg

List of Publications by Year in descending order

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27
papers

665
citations

933447

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h-index

610901

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all docs

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docs citations

27
times ranked

1042
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-ranged heterogeneous structure in aqueous solutions of the deep eutectic solvent choline and geranate at the liquid-vapor interface. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 13720-13729.	2.8	3
2	Non-isoplethic measurement on the solid-liquid-vapor equilibrium of binary mixtures at cryogenic temperatures. <i>Journal of Chemical Physics</i> , 2022, 157, .	3.0	2
3	Phase Diagram for the Methane-Ethane System and Its Implications for Titan's Lakes. <i>Planetary Science Journal</i> , 2021, 2, 118.	3.6	8
4	Density, Enthalpy of Vaporization and Local Structure of Neat N-Alkane Liquids. <i>Liquids</i> , 2021, 1, 47-59.	2.5	3
5	From a Liquid to a Crystal without Going through a First-Order Phase Transition: Determining the Free Energy of Melting with Glassy Intermediates. <i>Journal of Physical Chemistry B</i> , 2019, 123, 7740-7747.	2.6	3
6	The ionic liquid [C ₄ mpy][Tf ₂ N] induces bound-like structure in the intrinsically disordered protein FlgM. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 17950-17958.	2.8	7
7	A New Two-molecule Combination Band as a Diagnostic of Carbon Monoxide Diluted in Nitrogen Ice on Triton. <i>Astronomical Journal</i> , 2019, 158, 17.	4.7	6
8	Scope and efficacy of the broad-spectrum topical antiseptic choline geranate. <i>PLoS ONE</i> , 2019, 14, e0222211.	2.5	16
9	The distribution of H ₂ O, CH ₃ OH, and hydrocarbon-ices on Pluto: Analysis of New Horizons spectral images. <i>Icarus</i> , 2019, 331, 148-169.	2.5	21
10	Development of a PEO-based lithium ion conductive epoxy resin polymer electrolyte. <i>Solid State Ionics</i> , 2018, 326, 150-158.	2.7	23
11	Molecular Simulations of Volatile Organic Interfaces. , 2018, , 41-58.		4
12	Influence of an Ionic Liquid on TRP-Cage Structure and Xaa-Pro Dipeptide Conformational Sampling. <i>Biophysical Journal</i> , 2017, 112, 449a.	0.5	0
13	Influence of an ionic liquid on the conformational sampling of Xaa-Pro dipeptides. <i>Journal of Molecular Liquids</i> , 2017, 227, 66-75.	4.9	7
14	Hydroxide Solvation and Transport in Anion Exchange Membranes. <i>Journal of the American Chemical Society</i> , 2016, 138, 991-1000.	13.7	208
15	Propensity of Hydrated Excess Protons and Hydroxide Anions for the Air-Water Interface. <i>Journal of the American Chemical Society</i> , 2015, 137, 12610-12616.	13.7	100
16	Influence of the ionic liquid [C ₄ mpy][Tf ₂ N] on the structure of the miniprotein Trp-cage. <i>Journal of Molecular Graphics and Modelling</i> , 2015, 62, 202-212.	2.4	10
17	(Invited) Thin Robust Anion Exchange Membranes for Fuel Cell Applications. <i>ECS Transactions</i> , 2014, 64, 1185-1194.	0.5	2
18	Chloride Enhances Fluoride Mobility in Anion Exchange Membrane/Polycationic Systems. <i>Journal of Physical Chemistry C</i> , 2014, 118, 845-853.	3.1	24

#	ARTICLE	IF	CITATIONS
19	Insights into the Transport of Aqueous Quaternary Ammonium Cations: A Combined Experimental and Computational Study. <i>Journal of Physical Chemistry B</i> , 2014, 118, 1363-1372.	2.6	22
20	Progress towards Robust Anion Exchange Membranes for Fuel Cell Applications. <i>ECS Transactions</i> , 2013, 58, 393-404.	0.5	1
21	Multiscale reactive molecular dynamics. <i>Journal of Chemical Physics</i> , 2012, 137, 22A525.	3.0	67
22	Designing Alkaline Exchange Membranes from Scratch. <i>ECS Transactions</i> , 2011, 41, 1761-1774.	0.5	2
23	Multiscale Simulation of Hydroxide Solvation and Transport in Anion Exchange Membranes. <i>ECS Transactions</i> , 2011, 41, 1785-1793.	0.5	4
24	Optimizing the switching function for nonequilibrium free-energy calculations: An on-the-fly approach. <i>Journal of Chemical Physics</i> , 2009, 130, 174705.	3.0	8
25	Efficient Sampling of Ice Structures by Electrostatic Switching. <i>Journal of Physical Chemistry B</i> , 2008, 112, 6436-6441.	2.6	26
26	Rapid accumulation of mutations during seed-to-seed propagation of mismatch-repair-defective <i>Arabidopsis</i> . <i>Genes and Development</i> , 2004, 18, 2676-2685.	5.9	87
27	Structure and diffusion of molten alkali carbonate salts at the liquid-vacuum interface. , 0, 1, e3.		1