

Coby J Clarke

List of Publications by Year in descending order

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19
papers

1,525
citations

1039406

9
h-index

794141

19
g-index

19
all docs

19
docs citations

19
times ranked

2465
citing authors

#	ARTICLE	IF	CITATIONS
1	Resonant Electron Spectroscopy: Identification of Atomic Contributions to Valence States. Faraday Discussions, 2022, , .	1.6	2
2	Halometallate ionic liquids: thermal properties, decomposition pathways, and life cycle considerations. Green Chemistry, 2022, 24, 5800-5812.	4.6	9
3	Exploring conformational preferences of proteins: ionic liquid effects on the energy landscape of avidin. Chemical Science, 2021, 12, 196-209.	3.7	8
4	Experimental measurement and prediction of ionic liquid ionisation energies. Physical Chemistry Chemical Physics, 2021, 23, 20957-20973.	1.3	6
5	Controlling surface chemistry and mechanical properties of metal ionogels through Lewis acidity and basicity. Journal of Materials Chemistry A, 2021, 9, 4679-4686.	5.2	3
6	Linking the Thermal and Electronic Properties of Functional Dicationic Salts with Their Molecular Structures. ACS Sustainable Chemistry and Engineering, 2021, 9, 6224-6234.	3.2	8
7	Expanding the design space of gel materials through ionic liquid mediated mechanical and structural tuneability. Materials Horizons, 2020, 7, 820-826.	6.4	12
8	Implications for Heavy Metal Extractions from Hyper Saline Brines with [NTf ₂] ⁻ Ionic Liquids: Performance, Solubility, and Cost. Industrial & Engineering Chemistry Research, 2020, 59, 12536-12544.	1.8	7
9	Thermolysis of Organofluoroborate Ionic Liquids to NHC-Organofluoroborates. ACS Sustainable Chemistry and Engineering, 2020, 8, 16386-16390.	3.2	2
10	Revealing the complexity of ionic liquid-protein interactions through a multi-technique investigation. Communications Chemistry, 2020, 3, .	2.0	56
11	Interplay of Acid-Base Ratio and Recycling on the Pretreatment Performance of the Protic Ionic Liquid Monoethanolammonium Acetate. ACS Sustainable Chemistry and Engineering, 2020, 8, 7952-7961.	3.2	36
12	Ion chromatography for monitoring [NTf ₂] ⁻ anion contaminants in pure and saline water. Analytical Methods, 2020, 12, 2244-2252.	1.3	8
13	Thermally-Stable Imidazolium Dicationic Ionic Liquids with Pyridine Functional Groups. ACS Sustainable Chemistry and Engineering, 2020, 8, 8762-8772.	3.2	25
14	Zinc 1s Valence-to-Core X-ray Emission Spectroscopy of Halozincate Complexes. Journal of Physical Chemistry A, 2019, 123, 9552-9559.	1.1	18
15	Resolving X-ray photoelectron spectra of ionic liquids with difference spectroscopy. Physical Chemistry Chemical Physics, 2019, 21, 114-123.	1.3	13
16	Green and Sustainable Solvents in Chemical Processes. Chemical Reviews, 2018, 118, 747-800.	23.0	1,253
17	Thermal stability of dialkylimidazolium tetrafluoroborate and hexafluorophosphate ionic liquids: <i>ex situ</i> bulk heating to complement <i>in situ</i> mass spectrometry. Physical Chemistry Chemical Physics, 2018, 20, 16786-16800.	1.3	16
18	Solvation Behavior of Ionic Liquids and Their Role in the Production of Lignocellulosic Biofuels and Sustainable Chemical Feedstocks. Series on Chemistry, Energy and the Environment, 2018, , 77-134.	0.3	1

#	ARTICLE	IF	CITATIONS
19	Acidity and basicity of halometallate-based ionic liquids from X-ray photoelectron spectroscopy. RSC Advances, 2013, 3, 9436.	1.7	42