

Florian Pabst

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

352
citations

933447

10
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

205
citing authors

#	ARTICLE	IF	CITATIONS
1	Temperature dependence of the Kirkwood correlation factor and linear dielectric constant of simple isotropic polar fluids. <i>Physical Review E</i> , 2022, 105, 024108.	2.1	13
2	Dynamics of aqueous peptide solutions in folded and disordered states examined by dynamic light scattering and dielectric spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 15020-15029.	2.8	4
3	On the temperature and pressure dependence of dielectric relaxation processes in ionic liquids. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 14260-14275.	2.8	7
4	Generic Structural Relaxation in Supercooled Liquids. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 3685-3690.	4.6	50
5	Evidence of supercoolable nanoscale water clusters in an amorphous ionic liquid matrix. <i>Journal of Chemical Physics</i> , 2021, 155, 174501.	3.0	2
6	Origin of Apparent Slow Solvent Dynamics in Concentrated Polymer Solutions. <i>Macromolecules</i> , 2021, 54, 10340-10349.	4.8	10
7	Dipole-dipole correlations and the Debye process in the dielectric response of nonassociating glass forming liquids. <i>Physical Review E</i> , 2020, 102, 010606.	2.1	42
8	Intermolecular cross-correlations in the dielectric response of glycerol. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 11644-11651.	2.8	39
9	Mesoscale Aggregates and Dynamic Asymmetry in Ionic Liquids: Evidence from Depolarized Dynamic Light Scattering. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 2130-2134.	4.6	13
10	Local dielectric response in 1-propanol: $\hat{1}\pm$ -relaxation versus relaxation of mesoscale structures. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 24778-24786.	2.8	16
11	Influence of Molecular Architecture on the Dynamics of H-Bonded Supramolecular Structures in Phenyl-Propanols. <i>Journal of Physical Chemistry B</i> , 2019, 123, 10959-10966.	2.6	30
12	Nature of the Debye-Process in Monohydroxy Alcohols: 5-Methyl-2-Hexanol Investigated by Depolarized Light Scattering and Dielectric Spectroscopy. <i>Physical Review Letters</i> , 2018, 121, 035501.	7.8	47
13	Debye Process and $\hat{1}^2$ -Relaxation in 1-Propanol Probed by Dielectric Spectroscopy and Depolarized Dynamic Light Scattering. <i>Journal of Physical Chemistry B</i> , 2017, 121, 8847-8853.	2.6	49
14	Molecular dynamics of supercooled ionic liquids studied by light scattering and dielectric spectroscopy. <i>Chemical Physics</i> , 2017, 494, 103-110.	1.9	30