

Florian Pabst

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

352
citations

933447

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1058476

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all docs

14
docs citations

14
times ranked

205
citing authors

#	ARTICLE	IF	CITATIONS
1	Generic Structural Relaxation in Supercooled Liquids. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 3685-3690.	4.6	50
2	Debye Process and $\hat{\tau}^2$ -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
3	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
4	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
5	Intermolecular cross-correlations in the dielectric response of glycerol. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 11644-11651.	2.8	39
6	Molecular dynamics of supercooled ionic liquids studied by light scattering and dielectric spectroscopy. <i>Chemical Physics</i> , 2017, 494, 103-110.	1.9	30
7	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
8	Local dielectric response in 1-propanol: $\hat{\tau}_{\pm}$ -relaxation versus relaxation of mesoscale structures. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 24778-24786.	2.8	16
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	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
11	Origin of Apparent Slow Solvent Dynamics in Concentrated Polymer Solutions. <i>Macromolecules</i> , 2021, 54, 10340-10349.	4.8	10
12	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
13	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
14	Evidence of supercoolable nanoscale water clusters in an amorphous ionic liquid matrix. <i>Journal of Chemical Physics</i> , 2021, 155, 174501.	3.0	2