

Thomas Bauer

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

619
citations

840776

11
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

628
citing authors

#	ARTICLE	IF	CITATIONS
1	Fifth-order susceptibility unveils growth of thermodynamic amorphous order in glass-formers. <i>Science</i> , 2016, 352, 1308-1311.	12.6	164
2	Cooperativity and the Freezing of Molecular Motion at the Glass Transition. <i>Physical Review Letters</i> , 2013, 111, 225702.	7.8	128
3	Liquid 1-propanol studied by neutron scattering, near-infrared, and dielectric spectroscopy. <i>Journal of Chemical Physics</i> , 2014, 140, 124501.	3.0	68
4	Relaxation dynamics and ionic conductivity in a fragile plastic crystal. <i>Journal of Chemical Physics</i> , 2010, 133, 144509.	3.0	67
5	Nonlinear Dielectric Response at the Excess Wing of Glass-Forming Liquids. <i>Physical Review Letters</i> , 2013, 110, 107603.	7.8	61
6	Cooperativity and Heterogeneity in Plastic Crystals Studied by Nonlinear Dielectric Spectroscopy. <i>Physical Review Letters</i> , 2015, 114, 067601.	7.8	29
7	Supercooled-liquid and plastic-crystalline state in succinonitrile-glutaronitrile mixtures. <i>Journal of Chemical Physics</i> , 2014, 140, 094504.	3.0	27
8	Nonlinear dielectric spectroscopy in a fragile plastic crystal. <i>Journal of Chemical Physics</i> , 2016, 144, 114506.	3.0	23
9	Nonlinear dielectric response of Debye, $\hat{\tau}_\pm$, and $\hat{\tau}^2$ relaxation in 1-propanol. <i>Journal of Non-Crystalline Solids</i> , 2015, 407, 66-71.	3.1	20
10	Investigation of nonlinear effects in glassy matter using dielectric methods. <i>European Physical Journal: Special Topics</i> , 2017, 226, 3157-3183.	2.6	20
11	Unifying different interpretations of the nonlinear response in glass-forming liquids. <i>Physical Review E</i> , 2017, 96, 032611.	2.1	12