

Thomas Bauer

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3654762/publications.pdf>

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