

Makina Saito

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3195276/publications.pdf>

Version: 2024-02-01

19
papers

234
citations

1040056

9
h-index

996975

15
g-index

19
all docs

19
docs citations

19
times ranked

124
citing authors

#	ARTICLE	IF	CITATIONS
1	Slow Processes in Supercooled α -Terphenyl: Relaxation and Decoupling. Physical Review Letters, 2012, 109, 115705.	7.8	39
2	Relaxation transition in glass-forming polybutadiene as revealed by nuclear resonance X-ray scattering. Journal of Chemical Physics, 2014, 140, 144906.	3.0	32
3	Synchrotron radiation-based quasi-elastic scattering using time-domain interferometry with multi-line gamma rays. Scientific Reports, 2017, 7, 12558.	3.3	24
4	Structural Relaxation and Viscoelasticity of a Higher Alcohol with Mesoscopic Structure. Journal of Physical Chemistry Letters, 2018, 9, 298-301.	4.6	22
5	Relationship between Viscosity and Acyl Tail Dynamics in Lipid Bilayers. Physical Review Letters, 2021, 127, 078102.	7.8	22
6	Development of ^{151}Eu Time-Domain Interferometry and Its Application for the Study of Slow Dynamics in Ionic Liquids. Applied Physics Express, 2009, 2, 026502.	2.4	20
7	Small and Large Angle Quasi-Elastic Scattering Experiments by Using Nuclear Resonant Scattering on Typical and Amphiphilic Liquid Crystals. Journal of the Physical Society of Japan, 2012, 81, 023001.	1.6	16
8	Time-domain interferometry experiments using multi-line nuclear absorbers. Hyperfine Interactions, 2012, 206, 87-90.	0.5	14
9	Slow dynamics of supercooled liquid revealed by Rayleigh scattering of Mössbauer radiation method in time domain. Hyperfine Interactions, 2014, 226, 629-636.	0.5	12
10	Improvement of Efficiency of Time-Domain Interferometry Method Using Two Driven Nuclear Absorbers. Journal of the Physical Society of Japan, 2011, 80, 123001.	1.6	7
11	Slow dynamics in glycerol: collective de gennes narrowing and independent angstrom motion. Hyperfine Interactions, 2016, 237, 1.	0.5	6
12	Microscopic observation of hidden Johari-Goldstein- β^2 process in glycerol. Physical Review E, 2022, 105, L012605.	2.1	5
13	Effect of silica nanoparticle filler on microscopic polymer β -relaxation dynamics. Hyperfine Interactions, 2017, 238, 1.	0.5	4
14	Direct observation of interlayer molecular translational motion in a smectic phase and determination of the layer order parameter. Physical Review Research, 2019, 1, .	3.6	4
15	Dynamics Study of Superionic Conducting Glass Na ₃ PS ₄ Using Quasi-Elastic Gamma-Ray Scattering: Analysis Based on Diffraction and Reverse Monte Carlo-Density Functional Theory Modeling. Physica Status Solidi (B): Basic Research, 2020, 257, 2000113.	1.5	3
16	Microscopic molecular translational dynamics in cholesteric and cholesteric blue phases. Hyperfine Interactions, 2020, 241, 1.	0.5	2
17	Synchrotron Radiation-Based Quasi-Elastic Scattering Using Mössbauer Gamma Ray with neV-Energy Resolution. , 0, , .		1
18	Effect of silica-nanoparticle fillers on the Johari-Goldstein- β^2 process in polymer nanocomposites. Hyperfine Interactions, 2021, 242, 1.	0.5	1

#	ARTICLE	IF	CITATIONS
19	Synchrotron-Radiation-Based Energy-Domain Mössbauer Spectroscopy, Nuclear Resonant Inelastic Scattering, and Quasielastic Scattering Using Mössbauer Gamma Rays. Topics in Applied Physics, 2021, , 57-104.	0.8	0