

Makina Saito

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Microscopic observation of hidden Johari-Goldstein- $\hat{\nu}^2$ process in glycerol. Physical Review E, 2022, 105, L012605.	2.1	5
2	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
3	Relationship between Viscosity and Acyl Tail Dynamics in Lipid Bilayers. Physical Review Letters, 2021, 127, 078102.	7.8	22
4	Effect of silica-nanoparticle fillers on the Johari-Goldstein- $\hat{\nu}^2$ process in polymer nanocomposites. Hyperfine Interactions, 2021, 242, 1.	0.5	1
5	Microscopic molecular translational dynamics in cholesteric and cholesteric blue phases. Hyperfine Interactions, 2020, 241, 1.	0.5	2
6	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
7	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
8	Structural Relaxation and Viscoelasticity of a Higher Alcohol with Mesoscopic Structure. Journal of Physical Chemistry Letters, 2018, 9, 298-301.	4.6	22
9	Synchrotron radiation-based quasi-elastic scattering using time-domain interferometry with multi-line gamma rays. Scientific Reports, 2017, 7, 12558.	3.3	24
10	Effect of silica nanoparticle filler on microscopic polymer $\hat{\nu}^2$ -relaxation dynamics. Hyperfine Interactions, 2017, 238, 1.	0.5	4
11	Slow dynamics in glycerol: collective de gennes narrowing and independent angstrom motion. Hyperfine Interactions, 2016, 237, 1.	0.5	6
12	Relaxation transition in glass-forming polybutadiene as revealed by nuclear resonance X-ray scattering. Journal of Chemical Physics, 2014, 140, 144906.	3.0	32
13	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
14	Slow Processes in Supercooled $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -Terphenyl: Relaxation and Decoupling. Physical Review Letters, 2012, 109, 115705.	7.8	39
15	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
16	Time-domain interferometry experiments using multi-line nuclear absorbers. Hyperfine Interactions, 2012, 206, 87-90.	0.5	14
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Synchrotron Radiation-Based Quasi-Elastic Scattering Using Mössbauer Gamma Ray with neV-Energy Resolution. , 0, , .		1