Fumiya Nemoto

List of Publications by Year
in descending order

23	169	1478505 6	1125743 13
papers	citations	h-index	g-index

23	23	23	246
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cononsolvency of Poly[2-(methacryloyloxy)ethyl phosphorylcholine] in Ethanolâ€“Water Mixtures: A Neutron Reflectivity Study. Langmuir, 2022, 38, 5081-5088.	3.5	7
2	Neutron reflectometry-based in situ structural analysis of an aligning agent additive for the alignment of nematic liquid crystals on solid substrates. Soft Matter, 2022, 18, 545-553.	2.7	1
3	Hydrophobicity of the Pentafluorosulfanyl Group in Side Chains of Polymethacrylates by Evaluation with Surface Free Energy and Neutron Reflectivity. Langmuir, 2022, 38, 6472-6480.	3.5	5
4	Performance of position-sensitive flat-panel and resister type photomultiplier tube detector on neutron reflectometer SOFIA at J-PARC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2022, 1040, 166988.	1.6	2
5	Critical Scattering in Room-Temperature Ionic Liquidâ€“Propanol Solutions. Journal of Solution Chemistry, 2021, 50, 220-231.	1.2	1
6	Thermal Stability and Interfacial Segregation for Polymer Thin Films Blended with a Homologue Having Different Tacticity. , 2021, , .		0
7	Installation of a Rheometer on Neutron Reflectometer SOFIA at J-PARC toward Rheo-NR and Observation of the Crystallization Behavior of Cocoa Butter in Chocolate. , 2021, , .		2
8	Spontaneous formations of nanoconfined water in ionic liquids by small-angle neutron scattering. Journal of Molecular Liquids, 2021, , 117035.	4.9	4
9	Surface structure of the mixture of 1-alkyl-3-methylimidazolium iodide and polyiodide observed by surface tension measurement and X-ray reflectivity. Journal of Molecular Liquids, 2021, 337, 116381.	4.9	3
10	Thickness and birefringence of thin films assessed by interferometry using a low-cost spectrometer. Spectroscopy Letters, 2021, 54, 707-714.	1.0	1
11	Modification of a Polymer Surface by Partial Swelling Using Nonsolvents. Langmuir, 2021, 37, 14941-14949.	3.5	1
12	CO2 capture by quenched quaternary ammonium ionic liquid-propanol mixtures assessed by Raman spectroscopy. Journal of Molecular Liquids, 2020, 315, 113687.	4.9	5
13	A Facile Surface Functionalization Method for Polymers Using a Nonsolvent. ACS Applied Bio Materials, 2020, 3, 2170-2176.	4.6	4
14	Application of precise neutron focusing mirrors for neutron reflectometry: latest results and future prospects. Journal of Applied Crystallography, 2020, 53, 1462-1470.	4.5	6
15	Sublayered Structures of Hydrated Nafion^{Â®} Thin Film Formed by Casting on Pt Substrate Analyzed by X-ray Absorption Spectroscopy under Ambient Conditions and Neutron Reflectometry at Temperature of 80Â°C and Relative Humidity of 30â€“80%. Electrochemistry, 2019, 87, 270-275.	1.4	13
16	Surface Effect on Frictional Properties for Thin Hydrogel Films of Poly(vinyl ether). Macromolecules, 2019, 52, 9632-9638.	4.8	9
17	Direct observation of mobility of thin polymer layers via asymmetric interdiffusion using neutron reflectivity measurements. Journal of Chemical Physics, 2019, 151, 244905.	3.0	1
18	Elliptic neutron-focusing supermirror for illuminating small samples in neutron reflectometry. Optics Express, 2019, 27, 26807.	3.4	13

#	Article	IF	Citations
19	Neutron Reflectometry Study of Penetration of Protective Coating Material by Deuterated Sodium Pyruvate. , 2019, , .		0
20	Neutron scattering studies on short- and long-range layer structures and related dynamics in imidazolium-based ionic liquids. Journal of Chemical Physics, 2018, 149, 054502.	3.0	20
21	Hierarchical Structure and Dynamics of Ionic Liquids Studied by Neutron Scattering. Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu, 2015, 25, 200-207.	0.0	0
22	Thermal and Structural Studies of Imidazolium-Based Ionic Liquids with and without Liquid-Crystalline Phases: The Origin of Nanostructure. Journal of Physical Chemistry B, 2015, 119, 5028-5034.	2.6	59
23	Anchoring and alignment in a liquid crystal cell: self-alignment of homogeneous nematic. Soft Matter, 2012, 8, 11526.	2.7	12