Masahiro Hino

List of Publications by Year
in descending order

19	413	840776 11	794594 19
papers	citations	h-index	g-index

19	19	19	403
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Novel neutron reflectometer SOFIA at J-PARC/MLF for in-situ soft-interface characterization. Polymer Journal, 2013, 45, 100-108.	2.7	134
2	Materials and Life Science Experimental Facility (MLF) at the Japan Proton Accelerator Research Complex II: Neutron Scattering Instruments. Quantum Beam Science, 2017, 1, 9.	1.2	69
3	Design of neutron beamline for fundamental physics at J-PARC BL05. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 600, 342-345.	1.6	43
4	The ion beam sputtering facility at KURRI: Coatings for advanced neutron optical devices. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 797, 265-270.	1.6	34
5	Neutron resonance spin echo and MIEZE spectrometer development project in Japan. Physica B: Condensed Matter, 2006, 385-386, 1122-1124.	2.7	19
6	Supermirror neutron guide system for neutron resonance spin echo spectrometers at a pulsed neutron source. Journal of Nuclear Science and Technology, 2017, 54, 1223-1232.	1.3	19
7	Development of a large plano-elliptical neutron-focusing supermirror with metallic substrates. Optics Express, 2016, 24, 12478.	3.4	18
8	Development of precision elliptic neutron-focusing supermirror. Optics Express, 2017, 25, 20012.	3.4	17
9	Elliptic neutron-focusing supermirror for illuminating small samples in neutron reflectometry. Optics Express, 2019, 27, 26807.	3.4	13
10	Tuning Neutron Resonance Spin-Echo Spectrometers with Pulsed Beams. Physical Review Applied, 2020, 14, .	3.8	12
11	A new MIEZE technique for investigating relaxation of magnetic nanoparticles. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 600, 56-59.	1.6	11
12	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
13	Neutron Imaging Using a Fine-Grained Nuclear Emulsion. Journal of Imaging, 2021, 7, 4.	3.0	5
14	Crystallization of magnetic skyrmions in MnSi investigated by neutron spin echo spectroscopy. Physical Review Research, 2020, 2, .	3.6	4
15	Neutron flat-panel detector using Inâ€“Gaâ€“Znâ€“O thin-film transistor. Review of Scientific Instruments, 2022, 93, 013304.	1.3	3
16	Double-focusing geometry for phase correction in neutron resonance spin-echo spectroscopy. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1010, 165480.	1.6	2
17	Phase correction method in a wide detector plane for MIEZE spectroscopy with pulsed neutron beams. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1012, 165616.	1.6	2
18	Neutron Spin Echo Spectrometers for J-PARC with Resonance Spin Flippers. Journal of Neutron Research, 2005, 13, 107-111.	1.1	1

#	Article	IF	Citations
19	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