

# Masahiro Hino

## List of Publications by Year in descending order

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19  
papers

413  
citations

840776

11  
h-index

794594

19  
g-index

19  
all docs

19  
docs citations

19  
times ranked

403  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neutron reflectometry-based in situ structural analysis of an aligning agent additive for the alignment of nematic liquid crystals on solid substrates. <i>Soft Matter</i> , 2022, 18, 545-553.	2.7	1
2	Neutron flat-panel detector using InGaZnO thin-film transistor. <i>Review of Scientific Instruments</i> , 2022, 93, 013304.	1.3	3
3	Neutron Imaging Using a Fine-Grained Nuclear Emulsion. <i>Journal of Imaging</i> , 2021, 7, 4.	3.0	5
4	Double-focusing geometry for phase correction in neutron resonance spin-echo spectroscopy. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2021, 1010, 165480.	1.6	2
5	Phase correction method in a wide detector plane for MIEZE spectroscopy with pulsed neutron beams. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2021, 1012, 165616.	1.6	2
6	Tuning Neutron Resonance Spin-Echo Spectrometers with Pulsed Beams. <i>Physical Review Applied</i> , 2020, 14, .	3.8	12
7	Application of precise neutron focusing mirrors for neutron reflectometry: latest results and future prospects. <i>Journal of Applied Crystallography</i> , 2020, 53, 1462-1470.	4.5	6
8	Crystallization of magnetic skyrmions in MnSi investigated by neutron spin echo spectroscopy. <i>Physical Review Research</i> , 2020, 2, .	3.6	4
9	Elliptic neutron-focusing supermirror for illuminating small samples in neutron reflectometry. <i>Optics Express</i> , 2019, 27, 26807.	3.4	13
10	Supermirror neutron guide system for neutron resonance spin echo spectrometers at a pulsed neutron source. <i>Journal of Nuclear Science and Technology</i> , 2017, 54, 1223-1232.	1.3	19
11	Development of precision elliptic neutron-focusing supermirror. <i>Optics Express</i> , 2017, 25, 20012.	3.4	17
12	Materials and Life Science Experimental Facility (MLF) at the Japan Proton Accelerator Research Complex II: Neutron Scattering Instruments. <i>Quantum Beam Science</i> , 2017, 1, 9.	1.2	69
13	Development of a large plano-elliptical neutron-focusing supermirror with metallic substrates. <i>Optics Express</i> , 2016, 24, 12478.	3.4	18
14	The ion beam sputtering facility at KURRI: Coatings for advanced neutron optical devices. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2015, 797, 265-270.	1.6	34
15	Novel neutron reflectometer SOFIA at J-PARC/MLF for in-situ soft-interface characterization. <i>Polymer Journal</i> , 2013, 45, 100-108.	2.7	134
16	Design of neutron beamline for fundamental physics at J-PARC BL05. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009, 600, 342-345.	1.6	43
17	A new MIEZE technique for investigating relaxation of magnetic nanoparticles. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009, 600, 56-59.	1.6	11
18	Neutron resonance spin echo and MIEZE spectrometer development project in Japan. <i>Physica B: Condensed Matter</i> , 2006, 385-386, 1122-1124.	2.7	19

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19	Neutron Spin Echo Spectrometers for J-PARC with Resonance Spin Flippers. Journal of Neutron Research, 2005, 13, 107-111.	1.1	1