

Tatsuro Oda

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2834757/publications.pdf>

Version: 2024-02-01

37
papers

781
citations

759233

12
h-index

501196

28
g-index

37
all docs

37
docs citations

37
times ranked

566
citing authors

#	ARTICLE	IF	CITATIONS
1	A Study of Focusing TOF-MIEZE Spectrometer with Small-angle Neutron Scattering. , 2021, , .		1
2	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
3	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
4	Overscreening Induced by Ionic Adsorption at the Ionic Liquid/Electrode Interface Detected Using Neutron Reflectometry with a Rational Material Design. Bulletin of the Chemical Society of Japan, 2021, 94, 2914-2918.	3.2	6
5	Observation of TOF-MIEZE Signals with Focusing Mirrors at BL06, MLF, J-PARC. Journal of Surface Investigation, 2020, 14, S50-S55.	0.5	1
6	MONOPOL - A traveling-wave magnetic neutron spin resonator for tailoring polarized neutron beams. Scientific Reports, 2020, 10, 5815.	3.3	0
7	Tuning Neutron Resonance Spin-Echo Spectrometers with Pulsed Beams. Physical Review Applied, 2020, 14, .	3.8	12
8	Development and application of a $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e550" altimg="si44.svg" \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 3 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle \text{He}$ Neutron Spin Filter at J-PARC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 977, 164301.	1.6	18
9	Focusing and imaging of cold neutrons with a permanent magnetic lens. Review of Scientific Instruments, 2020, 91, 013704.	1.3	4
10	Crystallization of magnetic skyrmions in MnSi investigated by neutron spin echo spectroscopy. Physical Review Research, 2020, 2, .	3.6	4
11	Current status of the neutron resonance spin echo spectrometer on BL06 ROSE at MLF, J-PARC. Physica B: Condensed Matter, 2019, 564, 91-93.	2.7	10
12	Potential-Dependent Structure of the Ionic Layer at the Electrode Interface of an Ionic Liquid Probed Using Neutron Reflectometry. Journal of Physical Chemistry C, 2019, 123, 9223-9230.	3.1	29
13	A study of TOF-MIEZE reflectometry for nanomagnetic dynamics. Journal of Physics: Conference Series, 2019, 1316, 012006.	0.4	0
14	Experimental test of $\langle \text{sup} \rangle 3 \langle \text{sup} \rangle \text{He}$ neutron-spin filter in MIEZE spectrometer. Journal of Physics: Conference Series, 2019, 1316, 012013.	0.4	1
15	A Focusing Test of a Multiple Segmented Ellipsoidal Neutron-Focusing Mirror for a Compact-Focusing SANS Instrument. , 2018, , .		0
16	Observation of 400-kHz TOF-MIEZE Signals. , 2018, , .		0
17	Neutron detection in the frame of spatial magnetic spin resonance. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 845, 552-555.	1.6	2
18	Towards a high-resolution TOF-MIEZE spectrometer with very cold neutrons. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 860, 35-41.	1.6	11

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Neutron Spin Echo Spectrometers at J-PARC (BL06 VIN ROSE). <i>Hamon</i> , 2016, 26, 104-108.	0.0	0
22	Pulsed neutron time-dependent intensity modulation for quasi-elastic neutron scattering spectroscopy. <i>Review of Scientific Instruments</i> , 2016, 87, 105124.	1.3	17
23	Development of a large plano-elliptical neutron-focusing supermirror with metallic substrates. <i>Optics Express</i> , 2016, 24, 12478.	3.4	18
24	Pulsed ultra-cold neutron production using a Doppler shifter at J-PARC. <i>Progress of Theoretical and Experimental Physics</i> , 2016, 2016, 013C02.	6.6	11
25	Development of Sample Environments for the SOFIA Reflectometer for Seconds-Order Time-Slicing Measurements. , 2015, , .		4
26	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
27	A Diode-like Neutron Mirror for a Cold Neutron Moderator for Use in Neutron Beam Facilities. <i>Physics Procedia</i> , 2014, 60, 294-299.	1.2	0
28	New fabrication method for an ellipsoidal neutron focusing mirror with a metal substrate. <i>Optics Express</i> , 2014, 22, 24666.	3.4	17
29	Development of highly-mechanically polished metal-substrate for neutron supermirrors. <i>Journal of Physics: Conference Series</i> , 2014, 528, 012011.	0.4	5
30	Production of ultra cold neutrons by a doppler shifter with pulsed neutrons at J-PARC. <i>Journal of Physics: Conference Series</i> , 2014, 528, 012030.	0.4	5
31	Numerical simulation of BL06 neutron beamline for "VIN ROSE" at J-PARC/MLF. <i>Progress in Nuclear Science and Technology</i> , 2014, 4, 214-217.	0.3	1
32	Numerical Simulation of a Beam Divergence Correction for NRSE Spectrometer using Polygonal 2D-focusing Supermirrors. <i>Physics Procedia</i> , 2013, 42, 121-124.	1.2	2
33	Current Status of BL06 Beam Line for VIN ROSE at J-PARC/MLF. <i>Physics Procedia</i> , 2013, 42, 136-141.	1.2	21
34	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
35	Design and performance of horizontal-type neutron reflectometer SOFIA at J-PARC/MLF. <i>European Physical Journal Plus</i> , 2011, 126, 1.	2.6	136
36	Low-temperature growth of piezoelectric AlN film by rf reactive planar magnetron sputtering. <i>Applied Physics Letters</i> , 1980, 36, 643-645.	3.3	170

#	ARTICLE	IF	CITATIONS
37	Low Temperature Growth of Piezoelectric AlN Film for Surface and Bulk Wave Transducers by RF Reactive Planar Magnetron Sputtering. , 1980, ,		15