

Takenao Shinohara

List of Publications by Year in descending order

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187
papers

2,206
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189
all docs

189
docs citations

189
times ranked

1481
citing authors

#	ARTICLE	IF	CITATIONS
1	Strain distribution visualization of punched electrical steel sheets using neutron Bragg-edge transmission imaging. Japanese Journal of Applied Physics, 2022, 61, 046004.	0.8	0
2	Three-dimensional Visualization Technique Based on the Neutron Imaging. Materia Japan, 2022, 61, 78-83.	0.1	0
3	Tracer diffusion coefficients measurements on LaPO ₄ -dispersed LAMP by means of neutron radiography. Solid State Ionics, 2022, 377, 115873.	1.3	7
4	Non-destructive Neutron Imaging Analysis for Small Internal Structures of Power Electronic Module. Transactions of the Japan Institute of Electronics Packaging, 2022, 15, E21-013-1-E21-013-7.	0.3	0
5	Bragg edge tomography characterization of additively manufactured 316L steel. Physical Review Materials, 2022, 6, .	0.9	5
6	Spatial distribution and preferred orientation of crystalline microstructure of lead-bismuth eutectic. Journal of Nuclear Materials, 2022, , 153921.	1.3	1
7	Bayesian non-parametric Bragg-edge fitting for neutron transmission strain imaging. Journal of Strain Analysis for Engineering Design, 2021, 56, 371-385.	1.0	3
8	Pulsed neutron imaging for differentiation of ice and liquid water towards fuel cell vehicle applications. Physical Chemistry Chemical Physics, 2021, 23, 1062-1071.	1.3	10
9	Neutron Bragg-edge transmission imaging for microstructure and residual strain in induction hardened gears. Scientific Reports, 2021, 11, 4155.	1.6	12
10	Nondestructive characterization of laser powder bed fusion parts with neutron Bragg edge imaging. Additive Manufacturing, 2021, 39, 101848.	1.7	8
11	Feasibility Study of PGAA for Boride Identification in Simulated Melted Core Materials. , 2021, , .		0
12	A Neutron Depolarization Measurement of Single Crystal Fe by Using a ³ He Neutron Spin Filter and Magnetic Super-mirrors. , 2021, , .		0
13	Non-Destructive 3D Neutron Imaging for Power Electronic Module. , 2021, , .		1
14	Microstructure Distribution of Japanese Sword Cross Sections Analyzed by the Diffractometer TAKUMI at J-PARC. , 2021, , .		1
15	A multi-technique tomography-based approach for non-invasive characterization of additive manufacturing components in view of vacuum/UHV applications: preliminary results. Rendiconti Lincei, 2021, 32, 463-477.	1.0	4
16	Improvement of Bragg-edge Neutron Transmission Imaging for Evaluating the Crystalline Phase Volume Fraction in Steel Composed of Ferrite and Austenite. ISIJ International, 2021, 61, 1584-1593.	0.6	7
17	A parametric neutron Bragg edge imaging study of additively manufactured samples treated by laser shock peening. Scientific Reports, 2021, 11, 14919.	1.6	6
18	Calibration and optimization of Bragg edge analysis in energy-resolved neutron imaging experiments. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1009, 165493.	0.7	4

#	ARTICLE	IF	CITATIONS
19	Monitoring residual strain relaxation and preferred grain orientation of additively manufactured Inconel 625 by in-situ neutron imaging. Additive Manufacturing, 2021, 46, 102130.	1.7	7
20	High-spatial-resolution measurement of magnetization distribution using polarized neutron imaging. Japanese Journal of Applied Physics, 2021, 60, 126003.	0.8	3
21	The First Application of a Gd ₃ Al ₂ Ga ₃ O ₁₂ :Ce Single-Crystal Scintillator to Neutron Radiography. Journal of Imaging, 2021, 7, 232.	1.7	4
22	Neutron computed tomography of phase separation structures in solidified Cu Co alloys and investigation of relationship between the structures and melt convection during solidification. Scripta Materialia, 2020, 175, 29-32.	2.6	16
23	Development of an in Situ ³ He NSF Using SEOP Technique with an Evaluation System for the Pulsed Neutron Source. Journal of Surface Investigation, 2020, 14, S165-S168.	0.1	0
24	The energy-resolved neutron imaging system, RADEN. Review of Scientific Instruments, 2020, 91, 043302.	0.6	51
25	An experimental setup for creating and imaging ⁴ He ²⁺ excimer cluster tracers in superfluid helium-4 via neutron- ³ He absorption reaction. Review of Scientific Instruments, 2020, 91, 033318.	0.6	0
26	Recent Progress in X-ray and Neutron Phase Imaging with Gratings. Quantum Beam Science, 2020, 4, 9.	0.6	20
27	Development and application of a $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e550" altimg="si44.svg" \rangle \langle \text{mml:msup} \langle \text{mml:mrow} / \rangle \langle \text{mml:mrow} \langle \text{mml:mn} \rangle 3 \langle / \text{mml:mn} \rangle \langle / \text{mml:mrow} \rangle \langle / \text{mml:msup} \rangle \langle / \text{mml:math} \rangle$ 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.	0.7	18
28	In-situ observation and analysis of solid-state diffusion and liquid migration in a crystal growth system: A segregation-driven diffusion couple. Acta Materialia, 2020, 186, 434-442.	3.8	7
29	Influence of carbon concentration and magnetic transition on the austenite lattice parameter of 30Mn-C steel. Materials Characterization, 2020, 163, 110243.	1.9	4
30	Development of Three-Dimensional Distribution Visualization Technology for Boron Using Energy Resolved Neutron-Imaging System (RADEN). , 2020, , .		0
31	Generation of ${}^4\text{He} \text{ } {}_2^+ \text{ } {}^2 \hat{a}^-$. Journal of Low Temperature Physics, 2019, 196, 275-282.	0.6	2
32	Neutron diffraction study on full-shape Japanese sword. Materialia, 2019, 7, 100377.	1.3	13
33	Visualization of phase distribution in lead-bismuth eutectic during one-dimensional solidification process. Journal of Visualization, 2019, 22, 889-895.	1.1	1
34	Three dimensional polarimetric neutron tomography beyond the phase-wrapping limit. Journal Physics D: Applied Physics, 2019, 52, 205001.	1.3	9
35	Non-destructive mapping of water distribution through white-beam and energy-resolved neutron imaging. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 927, 174-183.	0.7	6
36	Polarization measurements in neutron imaging. Journal Physics D: Applied Physics, 2019, 52, 123001.	1.3	21

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37	Tomographic reconstruction of triaxial strain fields from Bragg-edge neutron imaging. Physical Review Materials, 2019, 3, .	0.9	10
38	Pulsed-neutron imaging by a high-speed camera and center-of-gravity processing. Journal of Instrumentation, 2018, 13, C01038-C01038.	0.5	1
39	Effect of upstream beam collimation on neutron phase imaging with a Talbot-Lau interferometer at the RADEN beam line in J-PARC. Physica B: Condensed Matter, 2018, 551, 512-516.	1.3	3
40	Three Dimensional Polarimetric Neutron Tomography of Magnetic Fields. Scientific Reports, 2018, 8, 2214.	1.6	30
41	Characteristics of the 2012 model lithium-6 time-analyzer neutron detector (LiTA12) system as a high efficiency detector for resonance absorption imaging. Physica B: Condensed Matter, 2018, 551, 496-500.	1.3	2
42	Recent progress on practical materials study by Bragg edge imaging at J-PARC. Physica B: Condensed Matter, 2018, 551, 436-442.	1.3	9
43	Evaluation of High-frame-rate Camera with Digital Accumulation System Combined with Neutron Color Image Intensifier for Energy Resolved Neutron Imaging. , 2018, , .		1
44	Development of a Polarization Analysis Method for Visualization of the Magnetic Field Distribution in a Small Electric Transformer Using Pulsed Polarized Neutron Imaging. , 2018, , .		1
45	Development of Energy-Resolved Neutron Imaging Detectors at RADEN. , 2018, , .		1
46	Non-destructive Characterization of Internal Structure of Crowned Teeth by Neutron Imaging. , 2018, , .		0
47	Tomographic Reconstruction of Two-Dimensional Residual Strain Fields from Bragg-Edge Neutron Imaging. Physical Review Applied, 2018, 10, .	1.5	16
48	Efficient phase imaging using wavelength-resolved neutron Talbot-Lau interferometry with TOF method. Europhysics Letters, 2018, 123, 12002.	0.7	8
49	Study of the magnetization distribution in a grain-oriented magnetic steel using pulsed polarized neutron imaging. Physica B: Condensed Matter, 2018, 551, 146-151.	1.3	7
50	Spatial Resolution Test Targets Made of Gadolinium and Gold for Conventional and Resonance Neutron Imaging. , 2018, , .		3
51	Imaging Measurement of Neutron Attenuation by Small-Angle Neutron Scattering Using Soller Collimator. Journal of the Physical Society of Japan, 2018, 87, 094004.	0.7	2
52	Non-Destructive Study of Bulk Crystallinity and Elemental Composition of Natural Gold Single Crystal Samples by Energy-Resolved Neutron Imaging. Scientific Reports, 2017, 7, 40759.	1.6	35
53	Development of Multi-colored Neutron Talbot-Lau Interferometer with Absorption Grating Fabricated by Imprinting Method of Metallic Glass. Journal of the Physical Society of Japan, 2017, 86, 044001.	0.7	13
54	In-Situ Observation of Phase Separation During Growth of Cs ₂ LiLaBr ₆ :Ce Crystals Using Energy-Resolved Neutron Imaging. Crystal Growth and Design, 2017, 17, 6372-6381.	1.4	19

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55	Far-field interference of a neutron white beam and the applications to noninvasive phase-contrast imaging. <i>Physical Review A</i> , 2017, 95, .	1.0	32
56	Time-of-Flight Three Dimensional Neutron Diffraction in Transmission Mode for Mapping Crystal Grain Structures. <i>Scientific Reports</i> , 2017, 7, 9561.	1.6	36
57	Development of an in-situ SEOP ³ He Neutron Spin Filter for Magnetic Imaging Techniques. <i>Physics Procedia</i> , 2017, 88, 231-236.	1.2	3
58	Visualization of Solidification Process in Lead-bismuth Eutectic. <i>Physics Procedia</i> , 2017, 88, 58-63.	1.2	3
59	Experimental Evaluation of Neutron Absorption Grating Fabricated by Oblique Evaporation of Gadolinium for Phase Imaging. <i>Physics Procedia</i> , 2017, 88, 217-223.	1.2	11
60	A Comparative Study of the Crystallite Size and the Dislocation Density of Bent Steel Plates using Bragg-edge Transmission Imaging, TOF Neutron Diffraction and EBSD. <i>Physics Procedia</i> , 2017, 88, 34-41.	1.2	6
61	Time-of-flight Neutron Transmission Imaging of Martensite Transformation in Bent Plates of a Fe-25Ni-0.4C Alloy. <i>Physics Procedia</i> , 2017, 88, 42-49.	1.2	4
62	Recent Progress of Radiography and Tomography at the Energy-resolved Neutron Imaging System RADEN. <i>Physics Procedia</i> , 2017, 88, 162-166.	1.2	10
63	Reliability Estimation of Neutron Resonance Thermometry Using Tantalum and Tungsten. <i>Physics Procedia</i> , 2017, 88, 306-313.	1.2	7
64	Further Improvement of the RITS Code for Pulsed Neutron Bragg-edge Transmission Imaging. <i>Physics Procedia</i> , 2017, 88, 322-330.	1.2	17
65	Magnetic Bragg dip and Bragg edge in neutron transmission spectra of typical spin superstructures. <i>Scientific Reports</i> , 2017, 7, 15516.	1.6	5
66	Inverse pole figure mapping of bulk crystalline grains in a polycrystalline steel plate by pulsed neutron Bragg-dip transmission imaging. <i>Journal of Applied Crystallography</i> , 2017, 50, 1601-1610.	1.9	17
67	A Micro Pixel Chamber Based Neutron Imaging Detector with Boron Converter for Energy-Resolved Neutron Imaging at J-PARC. , 2017, , .		0
68	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.	0.6	69
69	Polarization analysis for magnetic field imaging at RADEN in J-PARC/MLF. <i>Journal of Physics: Conference Series</i> , 2017, 862, 012025.	0.3	13
70	Neutron and X-ray transmission measurements using a Li-glass scintillation detector. , 2017, , .		0
71	Magnetic field imaging of a model electric motor using polarized pulsed neutrons at J-PARC/MLF. <i>Journal of Physics: Conference Series</i> , 2017, 862, 012008.	0.3	8
72	Measurement and simulation for a complementary imaging with the neutron and X-ray beams. <i>EPJ Web of Conferences</i> , 2017, 146, 03032.	0.1	3

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73	Bragg-edge elastic strain tomography for <i>in situ</i> systems from energy-resolved neutron transmission imaging. <i>Physical Review Materials</i> , 2017, 1, .	0.9	19
74	Counting-type Neutron Imaging Detectors at RADEN/BL22. <i>Hamon</i> , 2017, 27, 24-28.	0.0	0
75	Investigation of microstructure within metal welds by energy resolved neutron imaging. <i>Journal of Physics: Conference Series</i> , 2016, 746, 012040.	0.3	5
76	Development of the next-generation micro pixel chamber-based neutron imaging detector ($\frac{1}{4}$ NID) for energy-resolved neutron imaging at the J-PARC/MLF. , 2016, , .		3
77	X-ray phase imaging using a Gd-based absorption grating fabricated by imprinting technique. <i>Japanese Journal of Applied Physics</i> , 2016, 55, 048003.	0.8	8
78	Development of a ^3He nuclear spin flip system on an in-situ SEOP ^3He spin filter and demonstration for a neutron reflectometer and magnetic imaging technique. <i>Journal of Physics: Conference Series</i> , 2016, 711, 012007.	0.3	4
79	Investigation of microstructure in additive manufactured Inconel 625 by spatially resolved neutron transmission spectroscopy. <i>Science and Technology of Advanced Materials</i> , 2016, 17, 324-336.	2.8	21
80	Time-of-flight neutron Bragg-edge transmission imaging of microstructures in bent steel plates. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2016, 675, 19-31.	2.6	27
81	High aspect ratio grating by isochronal imprinting of less viscous workable Gd-based metallic glass for neutron phase imaging. <i>Intermetallics</i> , 2016, 78, 55-63.	1.8	12
82	Investigation of dissimilar metal welds by energy-resolved neutron imaging. <i>Journal of Applied Crystallography</i> , 2016, 49, 1130-1140.	1.9	23
83	Final design of the Energy-Resolved Neutron Imaging System "RADEN" at J-PARC. <i>Journal of Physics: Conference Series</i> , 2016, 746, 012007.	0.3	59
84	Energy-resolved Neutron Imaging System "RADEN". <i>Hamon</i> , 2016, 26, 109-114.	0.0	0
85	Development Status of the NMR System for the Polarized ^3He Neutron Spin Filter (NSF) in the MLF at J-PARC. , 2015, , .		2
86	Counting-type neutron imaging detectors of the energy-resolved neutron imaging system RADEN at the J-PARC/MLF. , 2015, , .		4
87	Evaluation of Magnetic Field Vector by Polarization Analysis Using Pulsed Neutrons at HUNS for Magnetic Field Imaging. <i>Physics Procedia</i> , 2015, 69, 427-435.	1.2	7
88	Development of the Tensor CT Algorithm for Strain Tomography Using Bragg-edge Neutron Transmission. <i>Physics Procedia</i> , 2015, 69, 349-357.	1.2	11
89	Super-Resolution Processing for Pulsed Neutron Imaging System Using a High-Speed Camera. , 2015, , .		1
90	The Design and <i>q</i> Resolution of the Small and Wide Angle Neutron Scattering Instrument (TAIKAN) in J-PARC. , 2015, , .		44

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91	Demonstration Study of Small-Angle Polarized Neutron Scattering Using Polarized ^3He Neutron Spin Filter. , 2015, , .		4
92	Development of a Three-Dimensional Computed Tomography System using High-Speed Camera at a Pulsed Neutron Source. , 2015, , .		0
93	Commissioning start of Energy-Resolved Neutron Imaging System, RADEN in J-PARC. Neutron News, 2015, 26, 11-14.	0.1	22
94	Evaluation of nuclide density by neutron resonance transmission at the NOBORU instrument in J-PARC/MLF. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 773, 137-149.	0.7	22
95	Phase Transition Mapping by Means of Neutron Imaging in SOFC Anode Supports during Reduction under Applied Stress. ECS Transactions, 2015, 68, 1103-1114.	0.3	8
96	Development of a pulsed neutron three-dimensional imaging system using a highly sensitive image-intensifier at J-PARC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 769, 97-104.	0.7	2
97	Development of AC Magnetic Field Imaging Technique Using Polarized Pulsed Neutrons at J-PARC. , 2015, , .		1
98	Custom-Made Shutter Block for Imaging Instrument "RADEN" at J-PARC. , 2015, , .		1
99	Development of Compact Laser Optics for an In-situ Spin-Exchange Optical Pumping ^3He Neutron Spin Filter. , 2015, , .		3
100	Inner Observation of Canning Cadmium by Energy-Selective Neutron Imaging at NOBORU. , 2015, , .		0
101	Microstructure and Residual Strain Distribution in Cast Duplex Stainless Steel Studied by Neutron Imaging. , 2015, , .		0
102	Performance of Optical Devices for Energy-Selective Neutron Imaging in NOBORU at J-PARC. , 2014, , .		2
103	Quantitative Evaluation of Nuclide Density Distribution in a Substance by Neutron Resonance Absorption Transmission Method. Physics Procedia, 2014, 60, 244-253.	1.2	1
104	Preliminary Experiment of Magnetic Imaging Using Polarized Pulsed Neutrons at HUNS. Physics Procedia, 2014, 60, 91-96.	1.2	2
105	Neutron resonance transmission spectroscopy with high spatial and energy resolution at the J-PARC pulsed neutron source. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 746, 47-58.	0.7	34
106	Wavelength resolved neutron transmission analysis to identify single crystal particles in historical metallurgy. European Physical Journal Plus, 2014, 129, 1.	1.2	11
107	Feasibility demonstration of a new Fermi chopper with supermirror-coated slit package. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 737, 142-147.	0.7	5
108	Applications of a micro-pixel chamber ($1/4\text{PIC}$) based, time-resolved neutron imaging detector at pulsed neutron beams. Journal of Physics: Conference Series, 2014, 502, 012048.	0.3	5

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109	Development and demonstration of in-situ SEOP ³ He spin filter system for neutron spin analyzer on the SHARAKU polarized neutron reflectometer at J-PARC. Journal of Physics: Conference Series, 2014, 528, 012020.	0.3	11
110	Development of portable polarized ³ He neutron spin filter and its application to magnetic field imaging at J-PARC. Journal of Physics: Conference Series, 2014, 528, 012016.	0.3	7
111	Development of the Magnetic Field Imaging using Polarized Pulsed Neutrons. Hamon, 2014, 24, 100-105.	0.0	0
112	Upgrade of Bragg Edge Analysis Techniques of the RITS Code for Crystalline Structural Information Imaging. Physics Procedia, 2013, 43, 186-195.	1.2	36
113	Precision Magnetic Field Mapping for the 3He Neutron Spin Filter. Physics Procedia, 2013, 42, 183-190.	1.2	1
114	Present Status of Research on Pulsed Neutron Imaging in Japan. Physics Procedia, 2013, 43, 92-99.	1.2	21
115	Quantitative Measurement of Element Distributions using the Neutron-transmission Resonance-absorption Method. Physics Procedia, 2013, 43, 314-322.	1.2	3
116	Visibility Estimation for Neutron Resonance Absorption Radiography using a Pulsed Neutron Source. Physics Procedia, 2013, 43, 111-120.	1.2	20
117	Neutron imaging detector based on the $\sqrt{1/4}$ PIC micro-pixel chamber. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and	0.7	35
118	Spatial resolution of a $\sqrt{1/4}$ PIC based neutron imaging detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 726, 155-161.	0.7	39
119	Development of a Time-resolved Neutron Imaging Detector Based on the $\sqrt{1/4}$ PIC Micro-Pixel Chamber. Hamon, 2013, 23, 218-222.	0.0	0
120	A compact SEOP ³ He neutron spin filter with AFP NMR. Journal of Physics: Conference Series, 2012, 340, 012006.	0.3	16
121	Development of polarized Xe gas target for neutron experiment at J-PARC. Journal of Physics: Conference Series, 2012, 340, 012037.	0.3	4
122	A new imaging method using pulsed neutron sources for visualizing structural and dynamical information. Journal of Physics: Conference Series, 2012, 340, 012010.	0.3	35
123	Structure of glasses for ³ He neutron spin filter cells. Journal of Physics: Conference Series, 2011, 294, 012004.	0.3	2
124	Applications of ³ He neutron spin filters on the small-angle neutron scattering spectrometer SANS-J-II. Journal of Physics: Conference Series, 2011, 294, 012017.	0.3	3
125	Quantitative magnetic field imaging by polarized pulsed neutrons at J-PARC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 651, 121-125.	0.7	50
126	First demonstration of neutron resonance absorption imaging using a high-speed video camera in J-PARC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 651, 126-130.	0.7	15

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127	Design study of the imaging beam line at J-PARC MLF, ERNIS. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 651, 16-20.	0.7	18
128	External cavity design of high-power diode laser for polarized helium-3 neutron spin filters based on spin-exchange optical pumping. Physica B: Condensed Matter, 2011, 406, 2439-2442.	1.3	6
129	Research on glass cells for ³ He neutron spin filters. Physica B: Condensed Matter, 2011, 406, 2443-2447.	1.3	3
130	Measurement of the neutron beam polarization of BL05/NOP beamline at J-PARC. Physica B: Condensed Matter, 2011, 406, 2424-2428.	1.3	8
131	Polarization of very cold neutron using a permanent magnet quadrupole. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 634, S17-S20.	0.7	0
132	Characterization of glasses for ³ He neutron spin filter cells. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 634, S122-S125.	0.7	5
133	Development of thin film neutron focusing lenses. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 634, S94-S96.	0.7	1
134	Neutron imaging detector based on the μ -PIC micro-pixel gaseous chamber. , 2011, , .		0
135	Magnetic Field Imaging by Polarized Neutron. Hamon, 2011, 21, 180-183.	0.0	0
136	Development of a triplet magnetic lens system to focus a pulsed neutron beam. Journal of Physics: Conference Series, 2010, 251, 012078.	0.3	5
137	Performance of a neutron imaging detector based on the μ -PIC micro-pixel gaseous chamber. , 2010, , .		3
138	Developments of New Imaging Using a Pulsed Neutron Source. Journal of the Vacuum Society of Japan, 2010, 53, 758-764.	0.3	0
139	Design and performance analyses of the new time-of-flight smaller-angle neutron scattering instrument at J-PARC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 600, 111-113.	0.7	28
140	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.	0.7	43
141	Simulation study of a pulsed neutron focusing using a pulsed electromagnetic lens coupled with a permanent magnet. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 600, 129-131.	0.7	2
142	Pulsed neutron beam control using a magnetic multiplet lens. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 600, 100-102.	0.7	10
143	Small-angle polarized neutron scattering study of spherical Fe ₁₆ N ₂ nano-particles for magnetic recording tape. Physica B: Condensed Matter, 2009, 404, 2575-2577.	1.3	11
144	Development of a compact on-beam SEOP neutron spin filter. Physica B: Condensed Matter, 2009, 404, 2667-2669.	1.3	23

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145	Highly polarized very cold neutrons through a permanent magnet quadrupole. <i>Physica B: Condensed Matter</i> , 2009, 404, 2643-2645.	1.3	3
146	Development of modulating permanent magnet sextupole lens for focusing of pulsed cold neutrons. <i>Physica B: Condensed Matter</i> , 2009, 404, 2646-2651.	1.3	12
147	Design of a neutron polarizer using polarizing super mirrors for the TOF-SANS instrument at the J-PARC. <i>Physica B: Condensed Matter</i> , 2009, 404, 2640-2642.	1.3	9
148	Magnetic Intraparticle Structure in Ferromagnetic Pd Nanoparticle. <i>Journal of the Physical Society of Japan</i> , 2009, 78, 044711.	0.7	9
149	2D elemental analysis approach in focused neutron beam induced prompt gamma-ray analysis at JAEA. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2008, 278, 647-651.	0.7	3
150	X-ray magnetic circular dichroism study on ferromagnetic Pd nanoparticles. <i>Journal Physics D: Applied Physics</i> , 2008, 41, 134024.	1.3	20
151	Application of a neutron-polarizing device based on a quadrupole magnet to a focusing SANS instrument with a magnetic neutron lens. <i>Measurement Science and Technology</i> , 2008, 19, 034011.	1.4	11
152	Ferromagnetism induced by strains in Pd nanoparticles. <i>Physical Review B</i> , 2008, 78, .	1.1	23
153	Hierarchic Structure of Shish-Kebab by Neutron Scattering in a WideQRange. <i>Macromolecules</i> , 2007, 40, 3650-3654.	2.2	102
154	Highly polarized cold neutron beam obtained by using a quadrupole magnet. <i>Physica B: Condensed Matter</i> , 2007, 397, 188-191.	1.3	8
155	A focusing-geometry small-angle neutron scattering instrument with a magnetic neutron lens. <i>Journal of Applied Crystallography</i> , 2007, 40, s408-s413.	1.9	29
156	A magnetic neutron lens based on an extended Halbach-type permanent sextupole magnet. <i>Physica B: Condensed Matter</i> , 2006, 385-386, 1225-1228.	1.3	10
157	Thermal neutron refraction by material prism. <i>Physica B: Condensed Matter</i> , 2006, 385-386, 1232-1235.	1.3	7
158	Development of a multichannel parabolic guide for thermal neutron beam focusing. <i>Physica B: Condensed Matter</i> , 2006, 385-386, 1243-1246.	1.3	15
159	Development of measurement system of neutron $\hat{1}^2$ decay. <i>Physica B: Condensed Matter</i> , 2006, 385-386, 1219-1221.	1.3	1
160	Development of neutron Anger-camera detector based on flatpanel PMT. <i>Physica B: Condensed Matter</i> , 2006, 385-386, 1297-1299.	1.3	4
161	Performance of a multi-anode photomultiplier employing a weak electrostatic focusing system (Hamamatsu R8900 series). <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2006, 564, 378-394.	0.7	12
162	Gas Adsorption on the Surface of Ferromagnetic Pd Nanoparticles. <i>E-Journal of Surface Science and Nanotechnology</i> , 2006, 4, 439-442.	0.1	5

#	ARTICLE	IF	CITATIONS
163	A demonstration study of focusing geometry SANS using a magnetic lens. Physica B: Condensed Matter, 2005, 356, 126-130.	1.3	12
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