

Jun Abe

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

20
papers

333
citations

9
h-index

18
g-index

20
ext. papers

399
ext. citations

1.4
avg, IF

2.94
L-index

#	Paper	IF	Citations
20	Current Status of Engineering Materials Diffractometer at J-PARC. <i>Materials Science Forum</i> , 2011 , 681, 443-448	0.4	114
19	Martensite phase stress and the strengthening mechanism in TRIP steel by neutron diffraction. <i>Scientific Reports</i> , 2017 , 7, 15149	4.9	61
18	Development of a new PIII controlling system for neutron-scattering experiments. <i>High Pressure Research</i> , 2013 , 33, 208-213	1.6	27
17	Aspire to Become TAKUMI - TAKUMI Present Status and Research Topics -. <i>Materials Science Forum</i> , 2010 , 652, 99-104	0.4	24
16	Hydrogen site analysis of hydrous ringwoodite in mantle transition zone by pulsed neutron diffraction. <i>Geophysical Research Letters</i> , 2014 , 41, 6718-6724	4.9	22
15	Application Software Development for the Engineering Materials Diffractometer, TAKUMI. <i>Materials Science Forum</i> , 2010 , 652, 238-242	0.4	15
14	Structure refinement of sub-cubic-mm volume sample at high pressures by pulsed neutron powder diffraction: application to brucite in an opposed anvil cell. <i>High Pressure Research</i> , 2014 , 34, 273-280	1.6	12
13	Effects of gauge volume on pseudo-strain induced in strain measurement using time-of-flight neutron diffraction. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013 , 715, 28-38	1.2	11
12	Pulsed neutron powder diffraction at high pressure by a capacity-increased sapphire anvil cell. <i>High Pressure Research</i> , 2013 , 33, 777-786	1.6	10
11	In-Situ Neutron Diffraction Study on Tensile Behavior of LPSO Mg–Zn–Y Alloys. <i>Materials Transactions</i> , 2013 , 54, 1083-1086	1.3	8
10	Hydrogen sites in the dense hydrous magnesian silicate phase E: a pulsed neutron powder diffraction study. <i>Physics and Chemistry of Minerals</i> , 2016 , 43, 267-275	1.6	8
9	Strain Analysis in Geological Materials Using Neutron Diffraction and AE Signal Measurement at J-PARC/BL19 "TAKUMI". <i>Materials Science Forum</i> , 2014 , 777, 219-224	0.4	4
8	Recent R&D on Superconducting Wires for High-Field Magnet. <i>Materials Science Forum</i> , 2014 , 783-786, 2081-2090	0.4	4
7	Neutron Diffraction on LPSO Structure in Mg–Zn–Y Alloys. <i>Materials Transactions</i> , 2013 , 54, 974-976	1.3	4
6	Deformation Behavior of An Austenitic Steel by Neutron Diffraction 2014 ,		3
5	Residual Strains in ITER Conductors by Neutron Diffraction. <i>Materials Science Forum</i> , 2014 , 777, 84-91	0.4	3
4	TRIP Steel Deformation Behavior by Neutron Diffraction. <i>Materials Research Society Symposia Proceedings</i> , 2013 , 1528, 1		3

- 3 Engineering & Related Studies at J-PARC. *Materials Science Forum*, **2014**, 777, 12-18 0.4
- 2 High pressure and high temperature generation using small-sized cubic-type multi-anvil apparatus. *High Pressure Research*, **2011**, 31, 407-412 1.6
- 1 Development of triaxial compressive apparatus for neutron experiments with rocks.. *Review of Scientific Instruments*, **2022**, 93, 025103 1.7