

# Jun Abe

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

464  
citations

1162367

8  
h-index

1281420

11  
g-index

20  
all docs

20  
docs citations

20  
times ranked

386  
citing authors

#	ARTICLE	IF	CITATIONS
1	Current Status of Engineering Materials Diffractometer at J-PARC. Materials Science Forum, 0, 681, 443-448.	0.3	161
2	Martensite phase stress and the strengthening mechanism in TRIP steel by neutron diffraction. Scientific Reports, 2017, 7, 15149.	1.6	109
3	Development of a new $\mu$ -controlling system for neutron-scattering experiments. High Pressure Research, 2013, 33, 208-213.	0.4	32
4	Hydrogen site analysis of hydrous ringwoodite in mantle transition zone by pulsed neutron diffraction. Geophysical Research Letters, 2014, 41, 6718-6724.	1.5	30
5	Aspire to Become TAKUMI - TAKUMI Present Status and Research Topics -. Materials Science Forum, 0, 652, 99-104.	0.3	24
6	Application Software Development for the Engineering Materials Diffractometer, TAKUMI. Materials Science Forum, 0, 652, 238-242.	0.3	21
7	Effects of gauge volume on pseudo-strain induced in strain measurement using time-of-flight neutron diffraction. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 715, 28-38.	0.7	14
8	Structure refinement of sub-cubic-mm volume sample at high pressures by pulsed neutron powder diffraction: application to brucite in an opposed anvil cell. High Pressure Research, 2014, 34, 273-280.	0.4	13
9	Pulsed neutron powder diffraction at high pressure by a capacity-increased sapphire anvil cell. High Pressure Research, 2013, 33, 777-786.	0.4	11
10	<i>In-Situ</i> Neutron Diffraction Study on Tensile Behavior of LPSO Mg&ndash;Zn&ndash;Y Alloys. Materials Transactions, 2013, 54, 1083-1086.	0.4	10
11	Hydrogen sites in the dense hydrous magnesian silicate phase E: a pulsed neutron powder diffraction study. Physics and Chemistry of Minerals, 2016, 43, 267-275.	0.3	10
12	Deformation Behavior of An Austenitic Steel by Neutron Diffraction. , 2014, , .		8
13	Neutron Diffraction on LPSO Structure in Mg&amp;ndash;Zn&amp;ndash;Y Alloys. Materials Transactions, 2013, 54, 974-976.	0.4	5
14	TRIP Steel Deformation Behavior by Neutron Diffraction. Materials Research Society Symposia Proceedings, 2013, 1528, 1.	0.1	4
15	Strain Analysis in Geological Materials Using Neutron Diffraction and AE Signal Measurement at J-PARC/BL19 "TAKUMI". Materials Science Forum, 0, 777, 219-224.	0.3	4
16	Residual Strains in ITER Conductors by Neutron Diffraction. Materials Science Forum, 2014, 777, 84-91.	0.3	4
17	Recent R&D on Superconducting Wires for High-Field Magnet. Materials Science Forum, 0, 783-786, 2081-2090.	0.3	4
18	High pressure and high temperature generation using small-sized cubic-type multi-anvil apparatus. High Pressure Research, 2011, 31, 407-412.	0.4	0

#	ARTICLE	IF	CITATIONS
19	Engineering & Related Studies at J-PARC. Materials Science Forum, 0, 777, 12-18.	0.3	0
20	Development of triaxial compressive apparatus for neutron experiments with rocks. Review of Scientific Instruments, 2022, 93, 025103.	0.6	0