

Takayoshi Ito

List of Publications by Year in descending order

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29
all docs

29
docs citations

29
times ranked

527
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	The Design and q Resolution of the Small and Wide Angle Neutron Scattering Instrument (TAIKAN) in J-PARC. , 2015, , .		44
3	<i>In situ</i> lattice strain mapping during tensile loading using the neutron transmission and diffraction methods. Journal of Applied Crystallography, 2012, 45, 113-118.	1.9	36
4	High stereographic resolution texture and residual stress evaluation using time-of-flight neutron diffraction. Journal of Applied Crystallography, 2018, 51, 746-760.	1.9	27
5	Aspire to Become TAKUMI - TAKUMI Present Status and Research Topics -. Materials Science Forum, 0, 652, 99-104.	0.3	24
6	Field-Induced Discommensuration in Charge Density Waves in TaS_3 . Journal of the Physical Society of Japan, 2008, 77, 093708.	0.7	23
7	Application Software Development for the Engineering Materials Diffractometer, TAKUMI. Materials Science Forum, 0, 652, 238-242.	0.3	21
8	Charge Order Competition Leading to Nonlinearity in Organic Thyristor Family. Journal of the Physical Society of Japan, 2010, 79, 044606.	0.7	20
9	Neutron Diffraction Measurements of Internal Strain in Nb_3Sn Cable-In-Conduit Conductors. IEEE Transactions on Applied Superconductivity, 2011, 21, 2028-2031.	1.1	17
10	Materials and Life Science Experimental Facility at the Japan Proton Accelerator Research Complex III: Neutron Devices and Computational and Sample Environments. Quantum Beam Science, 2017, 1, 10.	0.6	16
11	Structural analysis of intercalation compounds of pentacene. Journal of Physics and Chemistry of Solids, 2004, 65, 609-613.	1.9	15
12	Non-thermal Evidence for Current-Induced Melting of Charge Order in $\hat{I}_2\text{-(BEDT-TTF)}_2\text{CsZn(SCN)}_4$. Journal of the Physical Society of Japan, 2008, 77, 065004.	0.7	11
13	Residual strain dependence on the matrix structure in $\text{RHQ-Nb}_3\text{Al}$ wires by neutron diffraction measurement. Superconductor Science and Technology, 2012, 25, 065021.	1.8	10
14	Observation of A15 phase transformation in $\text{RHQ-Nb}_3\text{Al}$ wire by neutron diffraction at high-temperature. Journal of Alloys and Compounds, 2012, 535, 124-128.	2.8	10
15	Phase-transition kinetics of magnetic skyrmions investigated by stroboscopic small-angle neutron scattering. Physical Review B, 2018, 98, .	1.1	10
16	Tensile strain dependence of critical current of $\text{RHQ-Nb}_3\text{Al}$ wires. Cryogenics, 2012, 52, 805-809.	0.9	9
17	Processes of silver photodiffusion into $\text{Ge}\epsilon$ chalcogenide probed by neutron reflectivity technique. Physica Status Solidi (A) Applications and Materials Science, 2016, 213, 1894-1903.	0.8	7
18	Stroboscopic time-of-flight neutron diffraction during cyclic testing using the event data recording system at J-PARC. Journal of Applied Crystallography, 2018, 51, 630-634.	1.9	7

#	ARTICLE	IF	CITATIONS
19	Neutron visualization of inhomogeneous buried interfaces in thin films. Scientific Reports, 2019, 9, 571.	1.6	7
20	Microstructural Information Mapping of a Plastic-deformed $\hat{\pm}$ -iron Plate during Tensile Tests using Pulsed Neutron Transmission. Physics Procedia, 2017, 88, 50-57.	1.2	6
21	Utilization of an Event-Recording System for Neutron Diffraction Experiments. Materials Science Forum, 0, 783-786, 2071-2074.	0.3	4
22	Residual Strains in ITER Conductors by Neutron Diffraction. Materials Science Forum, 2014, 777, 84-91.	0.3	4
23	Hadamard coding of time-of-flight neutron reflectogram at grazing incidence. Physica B: Condensed Matter, 2018, 551, 426-430.	1.3	4
24	Stress/Strain Effects on Industrial Superconducting Composites. Materials Science Forum, 0, 681, 209-214.	0.3	3
25	Powder Neutron Diffraction Using Nano-Polycrystalline Diamond as Opposed Anvils. Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu, 2010, 20, 175-178.	0.1	1
26	The Small and Wide Angle Neutron Scattering Instrument TAIKAN at J-PARC. Hamon, 2014, 24, 281-287.	0.0	1
27	Effect of Thermal Cycle on the Lattice Structure in $\text{RHO-Nb}_3\text{Al}$ Superconducting Wire. IEEE Transactions on Applied Superconductivity, 2013, 23, 6000704-6000704.	1.1	0
28	Engineering & Related Studies at J-PARC. Materials Science Forum, 0, 777, 12-18.	0.3	0
29	Engineering Diffraction with TAKUMI. Radioisotopes, 2010, 59, 615-622.	0.1	0