

Takayoshi Ito

List of Publications by Year in Descending Order

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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.

29
papers

390
citations

11
h-index

19
g-index

29
ext. papers

448
ext. citations

2
avg, IF

2.58
L-index

#	Paper	IF	Citations
29	Neutron visualization of inhomogeneous buried interfaces in thin films. <i>Scientific Reports</i> , 2019 , 9, 571	4.9	7
28	Phase-transition kinetics of magnetic skyrmions investigated by stroboscopic small-angle neutron scattering. <i>Physical Review B</i> , 2018 , 98,	3.3	8
27	Hadamard coding of time-of-flight neutron reflectogram at grazing incidence. <i>Physica B: Condensed Matter</i> , 2018 , 551, 426-430	2.8	4
26	High stereographic resolution texture and residual stress evaluation using time-of-flight neutron diffraction. <i>Journal of Applied Crystallography</i> , 2018 , 51, 746-760	3.8	17
25	Stroboscopic time-of-flight neutron diffraction during cyclic testing using the event data recording system at J-PARC. <i>Journal of Applied Crystallography</i> , 2018 , 51, 630-634	3.8	6
24	Microstructural Information Mapping of a Plastic-deformed Iron Plate during Tensile Tests using Pulsed Neutron Transmission. <i>Physics Procedia</i> , 2017 , 88, 50-57		4
23	Materials and Life Science Experimental Facility at the Japan Proton Accelerator Research Complex III: Neutron Devices and Computational and Sample Environments. <i>Quantum Beam Science</i> , 2017 , 1, 10	1.6	12
22	Processes of silver photodiffusion into Ge-chalcogenide probed by neutron reflectivity technique. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2016 , 213, 1894-1903	1.6	7
21	The Design and q Resolution of the Small and Wide Angle Neutron Scattering Instrument (TAIKAN) in J-PARC 2015 ,		25
20	Utilization of an Event-Recording System for Neutron Diffraction Experiments. <i>Materials Science Forum</i> , 2014 , 783-786, 2071-2074	0.4	4
19	Engineering & Related Studies at J-PARC. <i>Materials Science Forum</i> , 2014 , 777, 12-18	0.4	
18	Residual Strains in ITER Conductors by Neutron Diffraction. <i>Materials Science Forum</i> , 2014 , 777, 84-91	0.4	3
17	The Small and Wide Angle Neutron Scattering Instrument TAIKAN at J-PARC. <i>Hamon</i> , 2014 , 24, 281-287	0	0
16	Effect of Thermal Cycle on the Lattice Structure in $\text{RHQ-Nb}_3\text{Al}$ Superconducting Wire. <i>IEEE Transactions on Applied Superconductivity</i> , 2013 , 23, 6000704-6000704	1.8	
15	Observation of A15 phase transformation in RHQ-Nb ₃ Al wire by neutron diffraction at high-temperature. <i>Journal of Alloys and Compounds</i> , 2012 , 535, 124-128	5.7	8
14	Tensile strain dependence of critical current of RHQ-Nb ₃ Al wires. <i>Cryogenics</i> , 2012 , 52, 805-809	1.8	9
13	In situ lattice strain mapping during tensile loading using the neutron transmission and diffraction methods. <i>Journal of Applied Crystallography</i> , 2012 , 45, 113-118	3.8	29

12	Residual strain dependence on the matrix structure in RHQ-Nb ₃ Al wires by neutron diffraction measurement. <i>Superconductor Science and Technology</i> , 2012 , 25, 065021	3.1	10
11	Neutron Diffraction Measurements of Internal Strain in Nb_3Sn Cable-In-Conduit Conductors. <i>IEEE Transactions on Applied Superconductivity</i> , 2011 , 21, 2028-2031	1.8	14
10	Current Status of Engineering Materials Diffractometer at J-PARC. <i>Materials Science Forum</i> , 2011 , 681, 443-448	0.4	114
9	Stress/Strain Effects on Industrial Superconducting Composites. <i>Materials Science Forum</i> , 2011 , 681, 209-214	0.4	3
8	Aspire to Become TAKUMI - TAKUMI Present Status and Research Topics -. <i>Materials Science Forum</i> , 2010 , 652, 99-104	0.4	24
7	Application Software Development for the Engineering Materials Diffractometer, TAKUMI. <i>Materials Science Forum</i> , 2010 , 652, 238-242	0.4	15
6	Charge Order Competition Leading to Nonlinearity in Organic Thyristor Family. <i>Journal of the Physical Society of Japan</i> , 2010 , 79, 044606	1.5	18
5	Powder Neutron Diffraction Using Nano-Polycrystalline Diamond as Opposed Anvils. <i>Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu</i> , 2010 , 20, 175-178	0	1
4	Engineering Diffraction with TAKUMI. <i>Radioisotopes</i> , 2010 , 59, 615-622	0.1	
3	Field-Induced Discommensuration in Charge Density Waves in o-TaS ₃ . <i>Journal of the Physical Society of Japan</i> , 2008 , 77, 093708	1.5	23
2	Non-thermal Evidence for Current-Induced Melting of Charge Order in $\text{BEDT-TTF}_2\text{CsZn(SCN)}_4$. <i>Journal of the Physical Society of Japan</i> , 2008 , 77, 065004	1.5	10
1	Structural analysis of intercalation compounds of pentacene. <i>Journal of Physics and Chemistry of Solids</i> , 2004 , 65, 609-613	3.9	15