Riichirou Negishi

List of Publications by Year
in descending order

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35	305	933447	888059
papers	citations	10 h-index	17 g-index

36	36	36	40
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	X-ray interference fringes from a weakly bent plane-parallel crystal with negative strain gradient. Acta Crystallographica Section A: Foundations and Advances, 2019, 75, 842-850.	0.1	2
2	An X-ray diffractometer using mirage diffraction. Journal of Applied Crystallography, 2014, 47, 1267-1272.	4.5	3
3	Phase determination of the crystal structure factor by measuring rocking curves from a polar crystal. Journal of Applied Crystallography, 2013, 46, 1216-1218.	4.5	2
4	Strain distribution in an Si single crystal measured by interference fringes of X-ray mirage diffraction. Journal of Applied Crystallography, 2013, 46, 1261-1265.	4.5	4
5	Determination of Constant Strain Gradients of Elastically Bent Crystal Using X-ray Mirage Fringes. Japanese Journal of Applied Physics, 2012, 51, 076702.	1.5	1
6	X-ray Interference Fringes in Transmitted Beam of Bragg Mode from Very Weakly Bent Crystal. Journal of the Physical Society of Japan, 2012, 81, 094804.	1.6	2
7	MoirÃ© pattern from a multiple Braggâ€“Laue interferometer. Journal of Synchrotron Radiation, 2012, 19, 101-105.	2.4	1
8	Determination of Constant Strain Gradients of Elastically Bent Crystal Using X-ray Mirage Fringes. Japanese Journal of Applied Physics, 2012, 51, 076702.	1.5	2
9	Two-Beam X-ray Interferometer Using Diffraction in Multiple Braggâ€“Laue Mode. Journal of the Physical Society of Japan, 2011, 80, 083001.	1.6	3
10	X-ray Interference Fringes from Weakly Bent Crystal. Journal of the Physical Society of Japan, 2011, 80, 083002.	1.6	7
11	Interference fringes in multiple Braggâ€“Laue mode. Acta Crystallographica Section A: Foundations and Advances, 2011, 67, 154-159.	0.3	9
12	Phase determination of crystal structure factor using measured rocking curves. Physica Status Solidi (A) Applications and Materials Science, 2011, 208, 2567-2570.	1.8	4
13	Interference fringes in multiple Braggâ€“Laue mode and mirage fringes from bent crystals. Acta Crystallographica Section A: Foundations and Advances, 2010, 66, 421-426.	0.3	13
14	Amplification of Reflected X-ray Beams by the Mirage Effect. Journal of the Physical Society of Japan, 2009, 78, 103001.	1.6	2
15	Braggâ€“(Bragg)^mâ€“Laue diffraction and its interference fringe. Physica Status Solidi (A) Applications and Materials Science, 2009, 206, 1855-1859.	1.8	10
16	Inâ€phase and antiâ€phase interference fringes in Laue case. Physica Status Solidi (A) Applications and Materials Science, 2009, 206, 1865-1869.	1.8	4
17	Formation of interference fringes in the Braggâ€“(Bragg)^mâ€“Laue mode. Acta Crystallographica Section A: Foundations and Advances, 2009, 65, 253-258.	0.3	16
18	Precise determination of anomalous scattering factors of Ge by using X-ray resonant scattering. Acta Crystallographica Section A: Foundations and Advances, 2008, 64, 321-325.	0.3	4

#	Article	IF	Citations
19	Measurement of X-ray rocking curves in the Braggâ€“Laue case. Acta Crystallographica Section A: Foundations and Advances, 2008, 64, 515-518.	0.3	10
20	X-ray Interference Fringe of Braggâ€“(Bragg)mâ€“Laue Case. Journal of the Physical Society of Japan, 2008, 77, 103707.	1.6	12
21	In-phase and Anti-phase Interference Fringes in Rocking Curves of Resonant X-ray Dynamical Diffraction. Journal of the Physical Society of Japan, 2008, 77, 023709.	1.6	5
22	Observation of interference fringes due to lattice distortion by resonant scattering Xâ€ray topography. Physica Status Solidi (A) Applications and Materials Science, 2007, 204, 2694-2699.	1.8	9
23	Rate of X-ray Beam Confinement in Absorbing Crystal. Japanese Journal of Applied Physics, 2006, 45, 2830-2832.	1.5	5
24	Anomalous scattering factor determined by semicircle fitting near theK-absorption edge of Ge. Acta Crystallographica Section A: Foundations and Advances, 2005, 61, 553-556.	0.3	8
25	X-ray Interference Fringe in Bragg-(Bragg)m-Laue Case from Thin Finite Crystal. Japanese Journal of Applied Physics, 2005, 44, L787-L789.	1.5	15
26	Elliptically polarized light in alkali amphibole from Pocos de Caldas, Brazil. Journal of Mineralogical and Petrological Sciences, 2004, 99, 59-66.	0.9	0
27	Observation of X-ray Topographs Using Borrmann Effect in the Bragg Case. Japanese Journal of Applied Physics, 2004, 43, 5365-5368.	1.5	5
28	Change of lattice distortion images in X-ray topography with resonant scattering in the Laue case. Journal of Synchrotron Radiation, 2004, 11, 266-271.	2.4	32
29	Extinction effect and Borrmann effect of resonant dynamical scattering in the Bragg case. Acta Crystallographica Section A: Foundations and Advances, 2002, 58, 552-558.	0.3	37
30	Image Contrast of Lattice Defects in X-Ray Topography by Resonant Scattering. Japanese Journal of Applied Physics, 2001, 40, L884-L887.	1.5	30
31	Origin of Enhanced Borrmann Effect in Asymmetric Laue Case. Journal of the Physical Society of Japan, 1999, 68, 3528-3532.	1.6	3
32	X-ray standing wave as a result of only the imaginary part of the atomic scattering factor. Acta Crystallographica Section A: Foundations and Advances, 1999, 55, 267-273.	0.3	33
33	Effect of Strong Borrmann Absorption on X-Ray Fluorescence Yield Curves. Japanese Journal of Applied Physics, 1998, 37, 4014-4015.	1.5	2
34	The relationship between the Poynting vector and the dispersion surface in the Bragg case. Journal of Physics Condensed Matter, 1997, 9, L275-L278.	1.8	1
35	Bragg reflection and transmission of X-rays induced by the imaginary part of the atomic scattering factor. Journal of Physics Condensed Matter, 1995, 7, 8089-8098.	1.8	7