

Tomasz KoÅ,odziej

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

255
citations

1163117

8
h-index

940533

16
g-index

24
all docs

24
docs citations

24
times ranked

403
citing authors

#	ARTICLE	IF	CITATIONS
1	Trimeron-phonon coupling in magnetite. <i>Physical Review B</i> , 2021, 103, .	3.2	8
2	Diamond channel-cut crystals for high-heat-load beam-multiplexing narrow-band X-ray monochromators. <i>Journal of Synchrotron Radiation</i> , 2021, 28, 1720-1728.	2.4	4
3	Magnetic field induced structural changes in magnetite observed by resonant x-ray diffraction and Mössbauer spectroscopy. <i>Physical Review B</i> , 2020, 102, .	3.2	6
4	Efficiency and coherence preservation studies of Be refractive lenses for XFEL application. <i>Journal of Synchrotron Radiation</i> , 2018, 25, 354-360.	2.4	12
5	High Bragg reflectivity of diamond crystals exposed to multi-kW mm^{-2} X-ray beams. <i>Journal of Synchrotron Radiation</i> , 2018, 25, 1022-1029.	2.4	8
6	Diamond channel-cut crystals (Conference Presentation). , 2018, , .		0
7	Synchrotron x-ray scattering study of charge-density-wave order in $\text{HgBa}_2\text{Mn}_2\text{O}_{10}$. <i>Physical Review B</i> , 2017, 96, .		12
8	Single-grating Talbot imaging for wavefront sensing and x-ray metrology. , 2017, , .		4
9	XFEL Scientific Opportunities Retreat. <i>Synchrotron Radiation News</i> , 2016, 29, 31-33.	0.8	1
10	Curved diamond-crystal spectrographs for x-ray free-electron laser noninvasive diagnostics. <i>Review of Scientific Instruments</i> , 2016, 87, 125117.	1.3	14
11	Diamond drumhead crystals for X-ray optics applications. <i>Journal of Applied Crystallography</i> , 2016, 49, 1240-1244.	4.5	24
12	Parabolic single-crystal diamond compound refractive lenses for coherent x-ray imaging (Conference) Tj ETQq0 0 0 rgBT /Overlock 10 Tf		
13	Bent diamond-crystal x-ray spectrographs for x-ray free-electron laser noninvasive diagnostics. <i>Proceedings of SPIE</i> , 2016, , .	0.8	0
14	Diamond drumhead crystals (Conference Presentation). , 2016, , .		0
15	Parabolic single-crystal diamond lenses for coherent x-ray imaging. <i>Applied Physics Letters</i> , 2015, 107, .	3.3	51
16	Charge rearrangement in magnetite: from magnetic field induced easy axis switching to femtoseconds electronic processes. <i>Philosophical Magazine</i> , 2015, 95, 633-648.	1.6	5
17	Nuclear forward scattering and first-principles studies of the iron oxide phase Fe_4O_5 . <i>Physical Review B</i> , 2014, 90, .		8
18	Effect of surface polishing and oxidization induced strain on electronic order at the Verwey transition in Fe_3O_4 . <i>Journal of Physics Condensed Matter</i> , 2013, 25, 055603.	1.8	9

#	ARTICLE	IF	CITATIONS
19	Nuclear inelastic scattering studies of lattice dynamics in magnetite with a first- and second-order Verwey transition. <i>Physical Review B</i> , 2012, 85, .	3.2	19
20	Easy axis switching in magnetite. <i>Journal of Physics: Conference Series</i> , 2011, 303, 012106.	0.4	10
21	Magnetoresistance in magnetite: Switching of the magnetic easy axis. <i>Journal of Alloys and Compounds</i> , 2009, 480, 128-130.	5.5	7
22	Magnetostriction of First and Second Order Magnetite Samples and its Relation to the Magnetic Easy Axis Switching. <i>Solid State Phenomena</i> , 0, 194, 120-123.	0.3	2