

Damian Martin Rodriguez

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

133
citations

1307594

7
h-index

1281871

11
g-index

19
all docs

19
docs citations

19
times ranked

140
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of volume and Fe local environment on magnetic properties of Fe-rich Fe-Al alloys. <i>Intermetallics</i> , 2012, 24, 38-49.	3.9	25
2	Correction of optical aberrations in elliptic neutron guides. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012, 693, 268-275.	1.6	22
3	Mechanism of magnetic recovery in the disorder-order transformation of Fe ₇₀ Al ₃₀ mechanically deformed alloys. <i>Physical Review B</i> , 2005, 71, .	3.2	16
4	Monitoring lead-acid battery function using operando neutron radiography. <i>Journal of Power Sources</i> , 2019, 438, 226976.	7.8	12
5	Properties of elliptical guides for neutron beam transport and applications for new instrumentation concepts. <i>Journal of Applied Crystallography</i> , 2011, 44, 727-737.	4.5	11
6	Generic guide concepts for the European Spallation Source. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2015, 803, 89-99.	1.6	8
7	Small-angle neutron-scattering studies of reentrant spin-glass behavior in Fe-Al alloys. <i>Journal of Applied Physics</i> , 2006, 99, 08H502.	2.5	7
8	Structural study of the re-entrant spin-glass behaviour of Fe-Al alloys. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 316, e488-e491.	2.3	6
9	Systematic study on the performance of elliptic focusing neutron guides. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2016, 808, 101-108.	1.6	6
10	Mössbauer studies of the re-entrant spin-glass behaviour of Fe-Al alloys. <i>Hyperfine Interactions</i> , 2007, 169, 1231-1234.	0.5	5
11	Ferromagnetic resonance study of Fe rich Fe-Al intermetallic alloys. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 316, e484-e487.	2.3	3
12	Systematic study of mechanical deformation on Fe ₃ Al x Si _{1-x} powders by Mössbauer spectroscopy. <i>Hyperfine Interactions</i> , 2007, 169, 1217-1222.	0.5	3
13	Optimization of the Guide Design of MIRACLES, the Neutron Time-of-Flight Backscattering Spectrometer at the European Spallation Source. <i>Quantum Beam Science</i> , 2022, 6, 3.	1.2	3
14	Influence of Plastic Deformation on the Magnetic Properties of Fe-Al Alloys. <i>AIP Conference Proceedings</i> , 2005, , .	0.4	2
15	How to polarise all neutrons in one beam: a high performance polariser and neutron transport system. <i>Journal of Physics: Conference Series</i> , 2016, 746, 012015.	0.4	2
16	Magnetic Evolution with Composition on Fe-rich Fe-Al Alloys by Mössbauer spectroscopy. <i>AIP Conference Proceedings</i> , 2005, , .	0.4	1
17	Upgrade of the neutron guide system at the OPAL Neutron Source. <i>Journal of Physics: Conference Series</i> , 2010, 251, 012065.	0.4	1
18	Use of parabolic mirrors as guide splitters. <i>Journal of Physics: Conference Series</i> , 2012, 340, 012013.	0.4	0

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19	Systematic study of mechanical deformation on Fe ₃ Al x Si _{1-x} powders by Mössbauer spectroscopy. , 2006, , 1217-1222.		0