

# Damian Martin Rodriguez

## List of Publications by Year in descending order

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

#	ARTICLE	IF	CITATIONS
19	Mechanism of magnetic recovery in the disorder-order transformation of Fe <sub>70</sub> Al <sub>30</sub> mechanically deformed alloys. <i>Physical Review B</i> , 2005, 71, .	3.2	16