

Artur G Glavic

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9551544/publications.pdf>

Version: 2024-02-01

33
papers

550
citations

759233

12
h-index

642732

23
g-index

35
all docs

35
docs citations

35
times ranked

1181
citing authors

#	ARTICLE	IF	CITATIONS
1	A mechanism for ageing in a deeply supercooled molecular glass. <i>Chemical Communications</i> , 2021, 57, 6368-6371.	4.1	10
2	Low temperature aging in a molecular glass: the case of <i>cis</i> -methyl formate. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 15719-15726.	2.8	2
3	Direct observation of spin correlations in an artificial triangular lattice Ising spin system with grazing-incidence small-angle neutron scattering. <i>Nanoscale Horizons</i> , 2021, 6, 474-481.	8.0	5
4	Soliton-Mediated Magnetic Reversal in an All-Oxide-Based Synthetic Antiferromagnetic Superlattice. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 20788-20795.	8.0	3
5	Unexpected precipitates in conjunction with layer-by-layer growth in Mn-enriched La ₂ /3Sr ₁ /3MnO ₃ thin films. <i>Thin Solid Films</i> , 2021, 735, 138862.	1.8	2
6	The instrument suite of the European Spallation Source. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2020, 957, 163402.	1.6	90
7	Strong size selectivity in the self-assembly of rounded nanocubes into 3D mesocrystals. <i>Nanoscale Horizons</i> , 2020, 5, 1065-1072.	8.0	9
8	Fabrication and testing of high-performance all-metal neutron guides and axisymmetric mirrors by electrochemical replication. <i>MRS Advances</i> , 2020, 5, 1513-1528.	0.9	0
9	The Multi-Blade Boron-10-based neutron detector performance using a focusing reflectometer. <i>Journal of Instrumentation</i> , 2020, 15, P03010-P03010.	1.2	5
10	HEKATE – A novel grazing incidence neutron scattering concept for the European Spallation Source. <i>Review of Scientific Instruments</i> , 2018, 89, 035105.	1.3	1
11	Polarized neutron reflectivity studies on epitaxial BiFeO ₃ /La _{0.7} Sr _{0.3} MnO ₃ heterostructure integrated with Si (100). <i>AIP Advances</i> , 2018, 8, 055821.	1.3	0
12	Temperature-dependent magnetism in artificial honeycomb lattice of connected elements. <i>Physical Review B</i> , 2018, 97, .	3.2	13
13	Spin Solid versus Magnetic Charge Ordered State in Artificial Honeycomb Lattice of Connected Elements. <i>Advanced Science</i> , 2018, 5, 1700856.	11.2	13
14	Characterization of the Multi-Blade 10B-based detector at the CRISP reflectometer at ISIS for neutron reflectometry at ESS. <i>Journal of Instrumentation</i> , 2018, 13, P05009-P05009.	1.2	18
15	Neutron reflectometry with the Multi-Blade ¹⁰ B-based detector. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2018, 474, 20180266.	2.1	11
16	New generation high performance <i>in situ</i> polarized ³ He system for time-of-flight beam at spallation sources. <i>Review of Scientific Instruments</i> , 2017, 88, 025111.	1.3	11
17	Superlattice growth and rearrangement during evaporation-induced nanoparticle self-assembly. <i>Scientific Reports</i> , 2017, 7, 2802.	3.3	66
18	Unexpected structural and magnetic depth dependence of YIG thin films. <i>Physical Review B</i> , 2017, 96, .	3.2	41

#	ARTICLE	IF	CITATIONS
19	Efficient polarization analysis for focusing neutron instruments. Journal of Physics: Conference Series, 2017, 862, 012007.	0.4	16
20	Reflectivity, Off-Specular Scattering, and GISANS Neutrons. , 2016, , .		4
21	Dipole-Oriented Molecular Solids Can Undergo a Phase Change and Still Maintain Electrical Polarization. Journal of Physical Chemistry C, 2016, 120, 24130-24136.	3.1	13
22	Giant Controllable Magnetization Changes Induced by Structural Phase Transitions in a Metamagnetic Artificial Multiferroic. Scientific Reports, 2016, 6, 22708.	3.3	39
23	Focusing neutron reflectometry: Implementation and experience on the TOF-reflectometer Amor. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 821, 44-54.	1.6	62
24	Frozen O2 layer revealed by neutron reflectometry. Results in Physics, 2016, 6, 263-264.	4.1	1
25	Constructing a magnetic handle for antiferromagnetic manganites. Physical Review B, 2016, 93, .	3.2	4
26	Direct <i>in situ</i> measurement of coupled magnetostructural evolution in a ferromagnetic shape memory alloy and its theoretical modeling. Physical Review B, 2015, 92, .	3.2	8
27	Synthetic magnetoelectric coupling in a nanocomposite multiferroic. Scientific Reports, 2015, 5, 9089.	3.3	21
28	High-quality EuO thin films the easy way via topotactic transformation. Nature Communications, 2015, 6, 7716.	12.8	43
29	Effects of strain and buffer layer on interfacial magnetization in $\text{SrCr}_2\text{ReO}_6$ films	3.2	6
30	Stability of spin-driven ferroelectricity in the thin-film limit: Coupling of magnetic and electric order in multiferroic TbMnO_3 films. Physical Review B, 2013, 88, .	3.2	20
31	Publisher's Note: Stability of spin-driven ferroelectricity in the thin-film limit: Coupling of magnetic and electric order in multiferroic TbMnO_3 films [Phys. Rev. B 88, 054401 (2013)]. Physical Review B, 2013, 88, .	3.2	1
32	High quality TbMnO_3 films deposited on YAlO_3 . Journal of Alloys and Compounds, 2011, 509, 5061-5063.	5.5	10
33	Magnetization flop in Fe/Cr GMR multilayers. Journal of Physics: Conference Series, 2010, 211, 012023.	0.4	1