

Marcin Wojcik

List of Publications by Year in descending order

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84
papers

2,893
citations

218381

26
h-index

168136

53
g-index

84
all docs

84
docs citations

84
times ranked

2668
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly ordered carbon penetration into the $\sqrt{5} \times \sqrt{5}$ lattice: A superstructure in $\sqrt{5} \times \sqrt{5}$ lattice. Physical Review B, 2022, 105, .	1.1	1
2	First Directional Measurement of Sub-MeV Solar Neutrinos with Borexino. Physical Review Letters, 2022, 128, 091803.	2.9	17
3	Search for low-energy signals from fast radio bursts with the Borexino detector. European Physical Journal C, 2022, 82, 1.	1.4	0
4	Pulse shape analysis in Gerda Phase II. European Physical Journal C, 2022, 82, 284.	1.4	7
5	Fabrication, characterization and analysis of a prototype high purity germanium detector for ^{76}Ge -based neutrinoless double beta decay experiments. European Physical Journal C, 2021, 81, 1.	1.4	3
6	An online radon monitor for low-background detector assembly facilities. European Physical Journal C, 2021, 81, 1.	1.4	7
7	Characterization of inverted coaxial ^{76}Ge detectors in GERDA for future double- β decay experiments. European Physical Journal C, 2021, 81, 505.	1.4	7
8	Calibration of the Gerda experiment. European Physical Journal C, 2021, 81, 682.	1.4	9
9	Identification of the cosmogenic ^{11}C background in large volumes of liquid scintillators with Borexino. European Physical Journal C, 2021, 81, 1.	1.4	6
10	Sensitivity to neutrinos from the solar CNO cycle in Borexino. European Physical Journal C, 2020, 80, 1.	1.4	19
11	Final Results of GERDA on the Search for Neutrinoless Double- β Decay. Physical Review Letters, 2020, 125, 252502.	2.9	208
12	Selective modification of the unquenched orbital moment of manganese introduced by carbon dopant in epitaxial $\text{Mn}_5\text{Ge}_3\text{C}_0.2/\text{Ge}(111)$ films. Physical Review B, 2020, 101, .	1.1	8
13	First Search for Bosonic Superweakly Interacting Massive Particles with Masses up to $1 < \text{MeV}$ with GERDA. Physical Review Letters, 2020, 125, 011801.	2.9	20
14	Modeling of GERDA Phase II data. Journal of High Energy Physics, 2020, 2020, 1.	1.6	18
15	Constraints on flavor-diagonal non-standard neutrino interactions from Borexino Phase-II. Journal of High Energy Physics, 2020, 2020, 1.	1.6	13
16	Probing Majorana neutrinos with double- β^2 decay. Science, 2019, 365, 1445-1448.	6.0	99
17	Characterization of 30 ^{76}Ge enriched Broad Energy Ge detectors for GERDA Phase II. European Physical Journal C, 2019, 79, 978.	1.4	19
18	Perspectives for CNO neutrino detection in Borexino. , 2019, , .		0

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37	Neutrino measurements from the Sun and Earth: Results from Borexino. AIP Conference Proceedings, 2015, , .	0.3	1
38	Results on $\eta\eta \rightarrow \nu\nu$ decay with emission of two neutrinos or Majorons in ^{76}Ge from GERDA Phase I. European Physical Journal C, 2015, 75, 1.	1.4	62
39	The DarkSide Multiton Detector for the Direct Dark Matter Search. Advances in High Energy Physics, 2015, 2015, 1-8.	0.5	21
40	Improvement of the energy resolution via an optimized digital signal processing in GERDA Phase I. European Physical Journal C, 2015, 75, 1.	1.4	30
41	Production, characterization and operation of ^{76}Ge enriched BEGe detectors in GERDA. European Physical Journal C, 2015, 75, 1.	1.4	55
42	Geo-neutrinos and Borexino. Physics of Particles and Nuclei, 2015, 46, 174-181.	0.2	1
43	Solar neutrino with Borexino: Results and perspectives. Physics of Particles and Nuclei, 2015, 46, 166-173.	0.2	4
44	Lifetimes of ^{214}Po and ^{212}Po measured with Counting Test Facility at Gran Sasso National Laboratory. Journal of Environmental Radioactivity, 2014, 138, 444-446.	0.9	1
45	The background in the $0\nu\eta\eta$ experiment Gerda. European Physical Journal C, 2014, 74, 1.	1.4	66
46	Chalcopyrite semimagnetic semiconductors: From nanocomposite to homogeneous material. Science of Sintering, 2014, 46, 271-281.	0.5	1
47	^{226}Ra , ^{210}Pb , ^{210}Bi and ^{210}Po deposition and removal from surfaces and liquids. Journal of Radioanalytical and Nuclear Chemistry, 2013, 296, 639-645.	0.7	4
48	Lifetime measurements of ^{214}Po and ^{212}Po with the CTF liquid scintillator detector at LNGS. European Physical Journal A, 2013, 49, 1.	1.0	17
49	SOX: Short distance neutrino Oscillations with BoreXino. Journal of High Energy Physics, 2013, 2013, 1.	1.6	98
50	Pulse shape discrimination for Gerda Phase I data. European Physical Journal C, 2013, 73, 1.	1.4	73
51	The Gerda experiment for the search of $0\nu\frac{1}{2}\eta\eta$ decay in ^{76}Ge . European Physical Journal C, 2013, 73, 1.	1.4	181
52	Results on Neutrinoless Double- β Decay of ^{76}Ge from Phase I of the GERDA Experiment. Physical Review Letters, 2013, 111, 122503.	2.9	470
53	Short-lived Rn-222 daughters in cryogenic liquids. , 2013, , .		1
54	Mn NMR study of quaternary half-metallic ferromagnetic CoMn_2	1.1	11

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55	experiment as a probe of electron doping in Co _{0.59} Mn ₂ FeAl ₂ dilute magnetic semiconductor. Physica Status Solidi (B): Basic Research, 2011, 248, 1601-1604.	1.1	21
56	Paramagnetic regime in Zn _{1-x} Mn _x GeAs ₂ diluted magnetic semiconductor. Physica Status Solidi (B): Basic Research, 2011, 248, 1601-1604.	0.7	8
57	Magnetism and magnetotransport of strongly disordered Zn _{1-x} Mn _x GeAs ₂ semiconductor: The role of nanoscale magnetic clusters. Journal of Applied Physics, 2010, 108, 073925.	1.1	28
58	Signature of the Spin Triplet Phase in La _{0.7} Sr _{0.3} MnO ₃ /Yb ₂ Cu ₃ O ₇ /La _{0.7} Sr _{0.3} MnO ₃ heterostructure. Acta Physica Polonica A, 2010, 118, 313-315.	0.7	0
59	Pressure effect on magnetic and structural properties of La _{1-x} Mn _x GeAs ₂ dilute magnetic semiconductor. Physical Review B, 2009, 79, .	1.1	17
60	Search for solar axions emitted in the M1-transition of ⁷ Li* with Borexino CTF. European Physical Journal C, 2008, 54, 61-72.	1.4	26
61	Site disorder in Co ₂ Mn ₆ alloys and its influence on junction tunnel magnetoresistance. Physical Review B, 2008, 77, .	1.1	6
62	First results on ⁷ Be solar neutrinos from the Borexino real time detector. Journal of Physics: Conference Series, 2008, 120, 052006.	0.3	0
63	Effects of SrTiO ₃ capping in La ₂ Ca ₃ MnO ₃ electrodes of different orientations. Journal of Applied Physics, 2008, 103, 07E302.	1.1	5
64	Structural and functional characterization of (110)-oriented epitaxial La ₂ Ca ₃ MnO ₃ electrodes and SrTiO ₃ tunnel barriers. Journal of Applied Physics, 2007, 101, 093902.	1.1	14
65	Magnetic Properties of Ge _{1-x} Mn _x Eu _y Te Mixed Crystals. AIP Conference Proceedings, 2007, , .	0.3	3
66	Structural Properties of Co and CoFe Electrodes Forming a Magnetic Tunnel Junction. Acta Physica Polonica A, 2007, 111, 135-140.	0.2	3
67	Electronic phase separation in epitaxial La ₂ Ca ₃ MnO ₃ films on (001) and (110) SrTiO ₃ substrates. Journal of Applied Physics, 2006, 99, 08A701.	1.1	15
68	IV-VI ferromagnetic semiconductors recent studies. Science of Sintering, 2006, 38, 109-116.	0.5	16
69	New experimental limits on violations of the Pauli exclusion principle obtained with the Borexino Counting Test Facility. European Physical Journal C, 2004, 37, 421-431.	1.4	41
70	New experimental limits on heavy neutrino mixing in ⁸ B-decay obtained with the Borexino counting test facility. JETP Letters, 2003, 78, 261-266.	0.4	18
71	Surface-induced phase separation in manganites: A microscopic origin for powder magnetoresistance. Applied Physics Letters, 2003, 82, 928-930.	1.5	57
72	Role of stacking faults in the structural and magnetic properties of ball-milled cobalt. Physical Review B, 2003, 68, .	1.1	56

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73	Charge trapping in optimally doped epitaxial manganite thin films. <i>Physical Review B</i> , 2002, 66, .	1.1	150
74	Thickness dependence of surface roughness and transport properties of La ₂ /3Ca ₁ /3MnO ₃ epitaxial thin films. <i>Journal of Applied Physics</i> , 2001, 89, 6686-6688.	1.1	25
75	Inhomogeneous structure and magnetic properties of granularCo ₁₀ Cu ₉₀ alloys. <i>Physical Review B</i> , 2000, 63, .	1.1	51
76	Structural Studies of Co/Cu and Co/Ru Interfaces Using ⁵⁹ Co NMR Method. <i>Acta Physica Polonica A</i> , 2000, 97, 551-554.	0.2	3
77	Magnetic Properties and Structure of Metallic Multilayers Investigated by NMR. <i>Materials Research Society Symposia Proceedings</i> , 1997, 475, 157.	0.1	16
78	New phases and chemical short range order in co-deposited CoFe thin films with bcc structure: an NMR study. <i>Zeitschrift für Physik B-Condensed Matter</i> , 1997, 103, 5-12.	1.1	31
79	On the stability of bcc Co in Co/Fe superlattices an NMR and XRD study. <i>Zeitschrift für Physik B-Condensed Matter</i> , 1997, 101, 329-337.	1.1	28
80	NMR analysis of buried metallic interfaces. <i>Hyperfine Interactions</i> , 1996, 97-98, 75-98.	0.2	59
81	Hyperfine field and ordering in bcc CoFe bulk alloys studied by ⁵⁹ Co NMR and Monte-Carlo simulation. <i>Zeitschrift für Physik B-Condensed Matter</i> , 1996, 101, 471-486.	1.1	29
82	Nmr Studies of Bulk and Interface Structure in Co Based Multilayers. <i>Materials Research Society Symposia Proceedings</i> , 1995, 384, 61.	0.1	9
83	Long-term measurements of Rn and short-lived Rn daughter concentrations in natural gas from distribution line. <i>Health Physics</i> , 1989, 57, 989-91.	0.3	5
84	Two Types of Tetrahedral Sites in the Mixed {Ca ₂ Na} [Mg ₂] (V ₃)O ₁₂ Garnet. <i>Physica Status Solidi (B): Basic Research</i> , 1982, 112, 483-488.	0.7	3