

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
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84
all docs

84
docs citations

84
times ranked

2668
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved Limit on Neutrinoless Double- β Decay of ^{76}Ge from Phase I of the GERDA Experiment. Physical Review Letters, 2015, 115, 252502.	2.9	470
2	Final Results of GERDA on the Search for Neutrinoless Double- β Decay. Physical Review Letters, 2020, 125, 252502.	2.9	208
3	The Gerda experiment for the search of $0\nu\beta\beta$ decay in ^{76}Ge . European Physical Journal C, 2013, 73, 1.	1.4	181
4	Charge trapping in optimally doped epitaxial manganite thin films. Physical Review B, 2002, 66, .	1.1	150
5	The large enriched germanium experiment for neutrinoless double beta decay (LEGEND). AIP Conference Proceedings, 2017, .	0.3	126
6	Probing Majorana neutrinos with double- β decay. Science, 2019, 365, 1445-1448.	6.0	99
7	SOX: Short distance neutrino Oscillations with Borexino. Journal of High Energy Physics, 2013, 2013, 1.	1.6	98
8	Pulse shape discrimination for Gerda Phase I data. European Physical Journal C, 2013, 73, 1.	1.4	73
9	The background in the ^{76}Ge experiment Gerda. European Physical Journal C, 2014, 74, 1.	1.4	66
10	Site disorder in $\text{Co}_{1-x}\text{Cu}_x$ alloys and its influence on junction tunnel magnetoresistance. Physical Review B, 2008, 77, .	1.1	61
11	Results on ^{76}Ge 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
12	NMR analysis of buried metallic interfaces. Hyperfine Interactions, 1996, 97-98, 75-98.	0.2	59
13	Surface-induced phase separation in manganites: A microscopic origin for powder magnetoresistance. Applied Physics Letters, 2003, 82, 928-930.	1.5	57
14	Role of stacking faults in the structural and magnetic properties of ball-milled cobalt. Physical Review B, 2003, 68, .	1.1	56
15	Production, characterization and operation of ^{76}Ge enriched BEGe detectors in GERDA. European Physical Journal C, 2015, 75, 1.	1.4	55
16	Inhomogeneous structure and magnetic properties of granular $\text{Co}_{10}\text{Cu}_{90}$ alloys. Physical Review B, 2000, 63, .	1.1	51
17	Upgrade for Phase II of the Gerda experiment. European Physical Journal C, 2018, 78, 1.	1.4	46

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19	Test of Electric Charge Conservation with Borexino. Physical Review Letters, 2015, 115, 231802.	2.9	42
20	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
21	New phases and chemical short range order in co-deposited CoFe thin films with bcc structure: an NMR study. Zeitschrift für Physik B-Condensed Matter, 1997, 103, 5-12.	1.1	31
22	Improvement of the energy resolution via an optimized digital signal processing in GERDA Phase II. European Physical Journal C, 2015, 75, 1.	1.4	30
23	Hyperfine field and ordering in bcc CoFe bulk alloys studied by ^{59}Co NMR and Monte-Carlo simulation. Zeitschrift für Physik B-Condensed Matter, 1996, 101, 471-486.	1.1	29
24	Strain-Driven Orbital and Magnetic Orders and Phase Separation in Epitaxial Half-Doped Manganite Films for Tunneling Devices. Physical Review Applied, 2016, 6, .	1.5	29
25	On the stability of bcc Co in Co/Fe superlattices an NMR and XRD study. Zeitschrift für Physik B-Condensed Matter, 1997, 101, 329-337.	1.1	28
26	Magnetism and magnetotransport of strongly disordered $\text{Zn}_{1-x}\text{Mn}_x\text{GeAs}_2$ semiconductor: The role of nanoscale magnetic clusters. Journal of Applied Physics, 2010, 108, 073925.	1.1	28
27	Search for solar axions emitted in the M1-transition of $^7\text{Li}^*$ with Borexino CTF. European Physical Journal C, 2008, 54, 61-72.	1.4	26
28	Thickness dependence of surface roughness and transport properties of $\text{La}_{2/3}\text{Ca}_{1/3}\text{MnO}_3$ epitaxial thin films. Journal of Applied Physics, 2001, 89, 6686-6688.	1.1	25
29	Experiment as a probe of electron doping in CoFeAl ^{59}Co NMR. Physical Review Letters, 2019, 123, 017201.	1.1	21
30	The DarkSide Multiton Detector for the Direct Dark Matter Search. Advances in High Energy Physics, 2015, 2015, 1-8.	0.5	21
31	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
32	Characterization of ^{76}Ge enriched Broad Energy Ge detectors for GERDA Phase II. European Physical Journal C, 2019, 79, 978.	1.4	19
33	Sensitivity to neutrinos from the solar CNO cycle in Borexino. European Physical Journal C, 2020, 80, 1.	1.4	19
34	New experimental limits on heavy neutrino mixing in 8B -decay obtained with the Borexino counting test facility. JETP Letters, 2003, 78, 261-266.	0.4	18
35	Modeling of GERDA Phase II data. Journal of High Energy Physics, 2020, 2020, 1.	1.6	18
36	Pressure effect on magnetic and structural properties of LaMnO_3 . Physical Review B, 2009, 79, .	1.1	17

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37	Lifetime measurements of ^{214}Po and ^{212}Po with the CTF liquid scintillator detector at LNGS. <i>European Physical Journal A</i> , 2013, 49, 1.	1.0	17
38	First Directional Measurement of Sub-MeV Solar Neutrinos with Borexino. <i>Physical Review Letters</i> , 2022, 128, 091803.	2.9	17
39	Magnetic Properties and Structure of Metallic Multilayers Investigated by NMR. <i>Materials Research Society Symposia Proceedings</i> , 1997, 475, 157.	0.1	16
40	IV-VI ferromagnetic semiconductors recent studies. <i>Science of Sintering</i> , 2006, 38, 109-116.	0.5	16
41	Electronic phase separation in epitaxial $\text{La}_2\text{Ca}_3\text{MnO}_3$ films on (001) and (110) SrTiO_3 substrates. <i>Journal of Applied Physics</i> , 2006, 99, 08A701.	1.1	15
42	Limit on the radiative neutrinoless double electron capture of ^{36}Ar from GERDA Phase II. <i>European Physical Journal C</i> , 2016, 76, 1.	1.4	15
43	Structural and functional characterization of (110)-oriented epitaxial $\text{La}_2\text{Ca}_3\text{MnO}_3$ electrodes and SrTiO_3 tunnel barriers. <i>Journal of Applied Physics</i> , 2007, 101, 093902.	1.1	14
44	Constraints on flavor-diagonal non-standard neutrino interactions from Borexino Phase-II. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	13
45	Study of quaternary half-metallic ferromagnetic CoMn_2Mn NMR. <i>Journal of Applied Physics</i> , 2011, 110, 084301.	1.1	11
46	Studies of surface and bulk ^{210}Po in metals using an ultra-low background large surface alpha spectrometer. <i>Applied Radiation and Isotopes</i> , 2017, 126, 165-167.	0.7	10
47	Nmr Studies of Bulk and Interface Structure in Co Based Multilayers. <i>Materials Research Society Symposia Proceedings</i> , 1995, 384, 61.	0.1	9
48	Calibration of the Gerda experiment. <i>European Physical Journal C</i> , 2021, 81, 682.	1.4	9
49	Paramagnetic regime in $\text{ZnMn}_2\text{GeAs}_2$ diluted magnetic semiconductor. <i>Physica Status Solidi (B): Basic Research</i> , 2011, 248, 1601-1604.	0.7	8
50	Selective modification of the unquenched orbital moment of manganese introduced by carbon dopant in epitaxial $\text{Mn}_5\text{Ge}_3\text{CO}_2/\text{Ge}(111)$ films. <i>Physical Review B</i> , 2020, 101, .	1.1	8
51	Measurement of neutrino flux from the primary proton-proton fusion process in the Sun with Borexino detector. <i>Physics of Particles and Nuclei</i> , 2016, 47, 995-1002.	0.2	7
52	An online radon monitor for low-background detector assembly facilities. <i>European Physical Journal C</i> , 2021, 81, 1.	1.4	7
53	Characterization of inverted coaxial ^{76}Ge detectors in GERDA for future double-beta decay experiments. <i>European Physical Journal C</i> , 2021, 81, 505.	1.4	7
54	Pulse shape analysis in Gerda Phase II. <i>European Physical Journal C</i> , 2022, 82, 284.	1.4	7

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55	GERDA results and the future perspectives for the neutrinoless double beta decay search using ^{76}Ge . International Journal of Modern Physics A, 2018, 33, 1843004.	0.5	6
56	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
57	Effects of SrTiO ₃ capping in La ²⁺ ·3Ca ¹⁺ ·3MnO ₃ electrodes of different orientations. Journal of Applied Physics, 2008, 103, 07E302.	1.1	5
58	Long-term measurements of Rn and short-lived Rn daughter concentrations in natural gas from distribution line. Health Physics, 1989, 57, 989-91.	0.3	5
59	^{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
60	Solar neutrino with Borexino: Results and perspectives. Physics of Particles and Nuclei, 2015, 46, 166-173.	0.2	4
61	Two Types of Tetrahedral Sites in the Mixed {Ca ₂ Na} [Mg ₂] (V ₃)O ₁₂ Garnet. Physica Status Solidi (B): Basic Research, 1982, 112, 483-488.	0.7	3
62	Magnetic Properties of Ge ¹⁺ x ^y MnxEuyTe Mixed Crystals. AIP Conference Proceedings, 2007, , .	0.3	3
63	Improving sensitivity of a BEGe-based high-purity germanium spectrometer through pulse shape analysis. European Physical Journal C, 2018, 78, 1.	1.4	3
64	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
65	Structural Properties of Co and CoFe Electrodes Forming a Magnetic Tunnel Junction. Acta Physica Polonica A, 2007, 111, 135-140.	0.2	3
66	Structural Studies of Co/Cu and Co/Ru Interfaces Using ⁵⁹ Co NMR Method. Acta Physica Polonica A, 2000, 97, 551-554.	0.2	3
67	The search for sterile neutrinos with SOX-Borexino. Physics of Atomic Nuclei, 2016, 79, 1481-1484.	0.1	2
68	Signature of the Spin Triplet Phase in La _{0.7} Sr _{0.3} MnO ₃ /Yba ₂ Cu ₃ O ₇ /La _{0.7} Sr _{0.3} MnO ₃ . Acta Physica Polonica A, 2010, 118, 313-315.	0.2	2
69	Short-lived Rn-222 daughters in cryogenic liquids. , 2013, , .		1
70	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
71	Neutrino measurements from the Sun and Earth: Results from Borexino. AIP Conference Proceedings, 2015, , .	0.3	1
72	Geo-neutrinos and Borexino. Physics of Particles and Nuclei, 2015, 46, 174-181.	0.2	1

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73	Borexino: Recent results and future plans. <i>Physics of Particles and Nuclei</i> , 2017, 48, 1026-1029.	0.2	1
74	Removal of ²²² Rn daughters from metal surfaces. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	1
75	Chalcopyrite semimagnetic semiconductors: From nanocomposite to homogeneous material. <i>Science of Sintering</i> , 2014, 46, 271-281.	0.5	1
76	Highly ordered carbon penetration into the Mn_5C_x lattice: A superstructure in Mn_5C_x . <i>Physical Review B</i> , 2022, 105, .	1.1	1
77	First results on ⁷ Be solar neutrinos from the Borexino real time detector. <i>Journal of Physics: Conference Series</i> , 2008, 120, 052006.	0.3	0
78	RESULTS FROM BOREXINO AT LNGS. , 2017, , 81-86.		0
79	Search for neutrinoless double beta decay with GERDA phase II. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	0
80	The DarkSide direct dark matter search with liquid argon. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	0
81	Searching Neutrinoless Double Beta Decay with Gerda Phase II. <i>International Journal of Modern Physics Conference Series</i> , 2018, 46, 1860040.	0.7	0
82	Perspectives for CNO neutrino detection in Borexino. , 2019, , .		0
83	Solar neutrino spectroscopy in Borexino. , 2019, , .		0
84	Search for low-energy signals from fast radio bursts with the Borexino detector. <i>European Physical Journal C</i> , 2022, 82, 1.	1.4	0