Kai Zuber

List of Publications by Year
in descending order

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147 papers	6,563 citations	94433 37 h-index	64796 79 g-index
151 all docs	151 docs citations	151 times ranked	4016 citing authors

#	Article	IF	Citations
1	Measurement of the Total ActiveB8Solar Neutrino Flux at the Sudbury Neutrino Observatory with Enhanced Neutral Current Sensitivity. Physical Review Letters, 2004, 92, 181301.	7.8	654
2	Results on Neutrinoless Double-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î²</mml:mi></mml:math>Decay of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi>Ge</mml:mi><mml:mprescripts /><mml:none /><mml:mn>76</mml:mn></mml:mmultiscripts></mml:math>from Phase I of the GERDA Experiment. Physical Review Letters, 2013, 111, 122503.	7.8	470
3	Masses of exotic calcium isotopes pin down nuclear forces. Nature, 2013, 498, 346-349.	27.8	375
4	DARWIN: towards the ultimate dark matter detector. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 017-017.	5.4	288
5	Combined analysis of all three phases of solar neutrino data from the Sudbury Neutrino Observatory. Physical Review C, 2013, 88, .	2.9	267
6	A White Paper on keV sterile neutrino Dark Matter. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 025-025.	5.4	256
7	[illegible] Neutrinoless Double- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î²</mml:mi></mml:math> Decay of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Ge</mml:mi></mml:mrow><mml:mprescripts /><mml:none [illegible] </mml:mrow></mml:math>	7.8	245
8	Final Results of GERDA on the Search for Neutrinoless Double- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Î²</mml:mi></mml:mrow></mml:math> Decay. Physical Review Letters, 2020, 125, 252502.	7.8	208
9	Current Status and Future Prospects of the SNO+ Experiment. Advances in High Energy Physics, 2016, 2016, 1-21.	1.1	185
10	The Gerda experiment for the search of 0Î½Î²Î² decay in 76Ge. European Physical Journal C, 2013, 73, 1.	3.9	181
11	Neutrinoâ€“nuclear responses for astro-neutrinos, single beta decays and double beta decays. Physics Reports, 2019, 797, 1-102.	25.6	161
12	COBRAâ€”double beta decay searches using CdTe detectors. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 519, 1-7.	4.1	146
13	ISOLTRAP's multi-reflection time-of-flight mass separator/spectrometer. International Journal of Mass Spectrometry, 2013, 349-350, 123-133.	1.5	140
14	The large enriched germanium experiment for neutrinoless double beta decay (LEGEND). AIP Conference Proceedings, 2017, , .	0.4	126
15	On-line separation of short-lived nuclei by a multi-reflection time-of-flight device. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 686, 82-90.	1.6	114
16	On the physics of massive neutrinos. Physics Reports, 1998, 305, 295-364.	25.6	101
17	Probing Majorana neutrinos with double-Î² decay. Science, 2019, 365, 1445-1448.	12.6	99
18	The electron capture in 163Ho experiment â€“ ECHo. European Physical Journal: Special Topics, 2017, 226, 1623-1694.	2.6	97

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19	Limiting neutrino magnetic moments with Borexino Phase-II solar neutrino data. Physical Review D, 2017, 96, .	4.7	94
20	Probing theN=32Shell Closure below the Magic Proton NumberZ=20: Mass Measurements of the Exotic IsotopesK52,53. Physical Review Letters, 2015, 114, 202501.	7.8	92
21	Resonant Enhancement of Neutrinoless Double-Electron Capture in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi>Gd</mml:mi><mml:mprescripts /><mml:none /><mml:mn>152</mml:mn></mml:mmultiscripts></mml:math>. Physical Review Letters, 2011, 106, 052504.	7.8	85
22	Simultaneous precision spectroscopy of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>p</mml:mi><mml:mi>p</mml:mi></mml:math> , <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Be</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>7</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></m	4.7	80
23	Physics prospects of the Jinping neutrino experiment. Chinese Physics C, 2017, 41, 023002.	3.7	74
24	Pulse shape discrimination for Gerda Phase I data. European Physical Journal C, 2013, 73, 1.	3.9	73
25	Theia: an advanced optical neutrino detector. European Physical Journal C, 2020, 80, 1.	3.9	70
26	The background in the $$0u eta eta $$ 0 Î½ Î² Î² experiment Gerda. European Physical Journal C, 2014, 74, 1.	3.9	66
27	COMET Phase-I technical design report. Progress of Theoretical and Experimental Physics, 2020, 2020, .	6.6	66
28	Results on $$eta eta $$ Î² Î² decay with emission of two neutrinos or Majorons in ^{76} 76 Ge from GERDA PhaseÂI. European Physical Journal C, 2015, 75, 1.	3.9	62
29	Production, characterization and operation of ^{76} 76 Ge enriched BEGe detectors in GERDA. European Physical Journal C, 2015, 75, 1.	3.9	55
30	Constraint on the magnetic dipole moment of neutrinos by the tip-RGB luminosity in Ï‰-Centauri. Astroparticle Physics, 2015, 70, 1-11.	4.3	54
31	Measurement of the half-life of the two-neutrino double beta decay of⁷⁶Ge with the GERDA experiment. Journal of Physics G: Nuclear and Particle Physics, 2013, 40, 035110.	3.6	49
32	Upgrade for PhaseÂII of the Gerda experiment. European Physical Journal C, 2018, 78, 1.	3.9	46
33	Test of Electric Charge Conservation with Borexino. Physical Review Letters, 2015, 115, 231802.	7.8	42
34	Comprehensive geoneutrino analysis with Borexino. Physical Review D, 2020, 101, .	4.7	42
35	Recent exploits of the ISOLTRAP mass spectrometer. Nuclear Instruments & Methods in Physics Research B, 2013, 317, 492-500.	1.4	41
36	New determination of double-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î²</mml:mi></mml:math>-decay properties in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mrow /><mml:mn>48</mml:mn></mml:msup><mml:mi>Ca</mml:mi></mml:math>: High-precision<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>Q</mml:mi><mml:mrow><mml:mi>Î²</mml:mi><mml:mi	2.9	40

measurement and improved nuclear matrix element calc. Physical Review C, 2014, 89, .

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37	Precision Mass Measurements of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Cr</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>58</mml:mn><mml:mo>â€“</mml:mo><mml:mn>63</mml:mn></mml:mrow></mml:mmultiscripts></mml:m : Nuclear Collectivity Towards the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>N</mml:mi><mml:mo>=</mml:mo><mml:mn>40</mml:mn></mml:math> Island	7.8	40
38	Sensitivity of the DARWIN observatory to the neutrinoless double beta decay of ^{136}Xe. European Physical Journal C, 2020, 80, 1.	3.9	38
39	New limits on effective Majorana neutrino masses from rare kaon decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 479, 33-36.	4.1	33
40	Double-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î²</mml:mi></mml:math>transformations in isobaric triplets with mass numbers<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="bold">A</mml:mi><mml:mo>=</mml:mo><mml:mn mathvariant="bold">124</mml:mn></mml:mrow></mml:math>, 130, and 136. Physical Review C, 2012, 86, .	2.9	33
41	QValue and Half-Lives for the Double-Î²-Decay NuclidePd110. Physical Review Letters, 2012, 108, 062502.	7.8	31
42	Neutrinoless double beta decay, the inverted hierarchy, and precision determination of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Î¸</mml:mi><mml:mn>12</mml:mn></mml:msub></mml:math>. Physical Review D, 2011, 83, .	4.7	30
43	Improvement of the energy resolution via an optimized digital signal processing in GERDA PhaseÂI. European Physical Journal C, 2015, 75, 1.	3.9	30
44	The Future of Solar Neutrinos. Annual Review of Nuclear and Particle Science, 2021, 71, 491-528.	10.2	30
45	Spectroscopy of low energy solar neutrinos using CdTe detectors. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 571, 148-154.	4.1	29
46	Results of a search for neutrinoless double-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î²</mml:mi></mml:math>decay using the COBRA demonstrator. Physical Review C, 2016, 94, .	2.9	26
47	Search for the decay of nature s rarest isotope<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Ta</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>180</mml:mn><mml:mi>m</mml:mi></mml:mrow></mml:mmultiscripts></mml:math>. Physical Review C, 2017, 95, .	2.9	26
48	Solar neutrino detection sensitivity in DARWIN via electron scattering. European Physical Journal C, 2020, 80, 1.	3.9	26
49	Presupernova Neutrinos: Directional Sensitivity and Prospects for Progenitor Identification. Astrophysical Journal, 2020, 899, 153.	4.5	26
50	Astrophysical <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>S</mml:mi></mml:math> factor of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi mathvariant="normal">N</mml:mi><mml:mprescripts /><mml:none	2.9	24
51	display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>p</mml:mi><mml:mo>,</mml:mo><mml:mi>Î³</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>4</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math> <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mi mathvariant="normal">B</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>8</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math> solar neutrinos with <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>1.5</mml:mn><mml:mtext>â€‰</mml:mtext><mml:mtext>â€‰</mml:mtext><mml:mi>kt</mml:mi>	4.7	24
52	Search of Neutrinoless Double Beta Decay with the GERDA Experiment. Nuclear and Particle Physics Proceedings, 2016, 273-275, 1876-1882.	0.5	23
53	The COBRA demonstrator at the LNGS underground laboratory. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 807, 114-120.	1.6	22
54	Excitation functions of proton-induced reactions on natural Nd in the 10â€“30 MeV energy range, and production of radionuclides relevant for double-Î² decay. Physical Review C, 2012, 85, .	2.9	21

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55	Double beta decay searches of¹³⁴Xe,¹²⁶Xe and¹²⁴Xe with large scale Xe detectors. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 115105.	3.6	21
56	Î¼ â^' â€“ e + conversion in upcoming LFV experiments. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 764, 157-162.	4.1	21
57	Quenching of gA deduced from the Î²-spectrum shape of 113Cd measured with the COBRA experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135092.	4.1	21
58	Mass measurements of 99â€“101In challenge ab initio nuclear theory of the nuclide 100Sn. Nature Physics, 2021, 17, 1099-1103.	16.7	21
59	Search for Dark Matter Induced Deexcitation of Tam180. Physical Review Letters, 2020, 124, 181802.	7.8	20
60	First Search for Bosonic Superweakly Interacting Massive Particles with Masses up to <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>1</mml:mn><mml:mtext>â€‰</mml:mtext><mml:mtext>â€‰</mml:mtext><mml:mi>MeV<with GERDA. Physical Review Letters, 2020, 125, 011801.	7.8	20
61	Characterization of 30 ^{76}Ge enriched Broad Energy Ge detectors for GERDA Phase II. European Physical Journal C, 2019, 79, 978.	3.9	19
62	Sensitivity to neutrinos from the solar CNO cycle in Borexino. European Physical Journal C, 2020, 80, 1.	3.9	19
63	NeuLAND: The high-resolution neutron time-of-flight spectrometer for R3B at FAIR. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1014, 165701.	1.6	19
64	An investigation into the 113Cd beta decay spectrum using a CdZnTe array. Nuclear Physics A, 2009, 818, 264-278.	1.5	17
65	Probing flavor models with $$^{ext {76}}$$ 76 Ge-based experiments on neutrinoless double- $$eta $$ Î² decay. European Physical Journal C, 2016, 76, 1.	3.9	17
66	Recent Results for the ECHo Experiment. Journal of Low Temperature Physics, 2016, 184, 910-921.	1.4	17
67	Design and performance of an ionisation chamber for the measurement of low alpha-activities. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 814, 12-18.	1.6	17
68	First Directional Measurement of Sub-MeV Solar Neutrinos with Borexino. Physical Review Letters, 2022, 128, 091803.	7.8	17
69	Precision half-life measurement of the 4-fold forbidden <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Î²</mml:mi></mml:mrow></mml:math>decay of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">V</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>50</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>. Physical Review	2.9	16
70	Solar neutrinoâ€“electron scattering as background limitation for double-beta decay. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 105201.	3.6	16
71	Resonance triplet atEÎ±=4.5ÂMeV in the40Ca(Î±,Î³)44Ti reaction. Physical Review C, 2013, 88, .	2.9	16
72	Analytical model for event reconstruction in coplanar grid CdZnTe detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 708, 1-6.	1.6	16

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73	Current Status and Future Perspectives of the COBRA Experiment. Advances in High Energy Physics, 2013, 2013, 1-6.	1.1	16
74	Î²-decay half-life ofV50calculated by the shell model. Physical Review C, 2014, 90, .	2.9	15
75	Limit on the radiative neutrinoless double electron capture of ^{36} 36 Ar from GERDA PhaseÂI. European Physical Journal C, 2016, 76, 1.	3.9	15
76	Neutrino masses. Annalen Der Physik, 2013, 525, 565-575.	2.4	14
77	Consistency test of neutrinoless double beta decay with one isotope. Physical Review D, 2011, 84, .	4.7	13
78	HALO, a supernova neutrino observatory. Nuclear and Particle Physics Proceedings, 2015, 265-266, 233-235.	0.5	13
79	High precision half-life measurement of Sm147Î± decay from thin-film sources. Physical Review C, 2017, 95, .	2.9	13
80	New investigation of half-lives for the decay modes of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">V</mml:mi><mml:mprescripts /><mml:none /><mml:mn>50</mml:mn></mml:mmultiscripts></mml:math>. Physical Review C, 2019, 99, .	2.9	13
81	Background in Î³-ray detectors and carbon beam tests in the Felsenkeller shallow-underground accelerator laboratory. European Physical Journal A, 2019, 55, 1.	2.5	13
82	Constraints on flavor-diagonal non-standard neutrino interactions from Borexino Phase-II. Journal of High Energy Physics, 2020, 2020, 1.	4.7	13
83	Pulse-shape discrimination of surface events in CdZnTe detectors for the COBRA experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 749, 27-34.	1.6	12
84	Solar neutrino interactions with liquid scintillators used for double beta-decay experiments. Journal of Physics G: Nuclear and Particle Physics, 2016, 43, 045201.	3.6	12
85	A new precision measurement of the Î± -decay half-life of 190 Pt. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 768, 317-320.	4.1	12
86	Examining the N=28 shell closure through high-precision mass measurements of Ar46â€“48. Physical Review C, 2020, 102, .	2.9	12
87	Double beta decay experiments. Journal of Physics G: Nuclear and Particle Physics, 2012, 39, 124009.	3.6	11
88	Î³production and neutron inelastic scattering cross sections for76Ge. Physical Review C, 2013, 88, .	2.9	11
89	The status of the COBRA double-beta-decay experiment. Progress in Particle and Nuclear Physics, 2010, 64, 267-269.	14.4	10
90	Long-term stability of underground operated CZT detectors based on the analysis of intrinsic 113Cd Î²âˆ’-decay. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 821, 109-115.	1.6	10

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91	Half-life expectations for neutrinoless double beta decay in standard and nonstandard scenarios. Physical Review D, 2017, 96, .	4.7	10
92	Shell-model computed cross sections for charged-current scattering of astrophysical neutrinos off Ar40. Physical Review C, 2018, 97, .	2.9	10
93	Gamowâ€“Teller strength distributions of $${^{116} ext {Sb}}$$ and $${^{122} ext {Sb}}$$ using the $${(^{3} ext {He}, t)}$$ charge-exchange reaction. European Physical Journal A, 2020, 56, 1.	2.5	10
94	Strength of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>E</mml:mi><mml:mi>p</mml:mi></mml:msu resonance in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mrow		

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109	Effective Majorana neutrino masses and Î" L = 2 processes. Progress in Particle and Nuclear Physics, 2002, 48, 223-229.	14.4	4
110	A prototype Compton camera for in-vivo dosimetry of ion beam cancer irradiation. , 2011, , .		4
111	The Feasibility of direct measurement of the 44Ti(Î±, p)47V and 40Ca(Î±, p)43Sc reactions in forward kinematics at astrophysically relevant temperatures. European Physical Journal A, 2014, 50, 1.	2.5	4
112	Cosmic-ray-induced background intercomparison with actively shielded HPGe detectors at underground locations. European Physical Journal A, 2015, 51, 1.	2.5	4
113	An improved half-life limit of the double beta decay of ⁹⁴Zr into the excited state of ⁹⁴Mo. Journal of Physics G: Nuclear and Particle Physics, 2018, 45, 075104.	3.6	4
114	Constraining the solar neutrino survival probability curve by using Li6 , Li7 , C12 , O18 , F19 , and Ca42 nuclear targets. Physical Review D, 2021, 104, .	4.7	4
115	First search for the Î±-decay of ¹⁴⁶Nd into the first excited state of ¹⁴²Ce. International Journal of Modern Physics E, 2015, 24, 1550043.	1.0	3
116	Spectral shapes of forbidden argonÎ²decays as background component for rare-event searches. Journal of Physics G: Nuclear and Particle Physics, 2018, 45, 025202.	3.6	3
117	Calculated solar-neutrino capture rate for a radiochemical Tl205 -based solar-neutrino detector. Physical Review C, 2020, 101, .	2.9	3
118	The first large-scale shell-model calculation of the two-neutrino double beta decay of 76Ge to the excited states in 76Se. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 831, 137170.	4.1	3
119	The search for sterile neutrinos with SOX-Borexino. Physics of Atomic Nuclei, 2016, 79, 1481-1484.	0.4	2
120	Prediction and detection potential of fusion neutrinos from nearby stars. Astroparticle Physics, 2020, 114, 1-9.	4.3	2
121	Opportunities for measurements of astrophysicalâ€relevant alphaâ€capture reaction rates at CRYRING@ESR. X-Ray Spectrometry, 2020, 49, 129-132.	1.4	2
122	Photoexcitation of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Ge</mml:mi><mml:mprescripts /><mml:none /><mml:mn>76</mml:mn></mml:mmultiscripts></mml:math>. Physical Review C, 2022, 105, .	2.9	2
123	Status of the COBRA experiment. , 2009, , .		1
124	A prototype compton camera for in-vivo dosimetry of ion beam cancer irradiation. , 2011, , .		1
125	Status and perspectives of COBRA. Nuclear Physics, Section B, Proceedings Supplements, 2013, 237-238, 37-39.	0.4	1
126	Neutrino measurements from the Sun and Earth: Results from Borexino. AIP Conference Proceedings, 2015, , .	0.4	1

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127	Neutrinos â€“ die Akte X der Teilchenphysik. Physik in Unserer Zeit, 2015, 46, 18-26.	0.0	1
128	Combining data from high-energy pp-reactions and neutrinoless double-beta decay: Limits on the mass of the right-handed boson. International Journal of Modern Physics E, 2016, 25, 1650081.	1.0	1
129	Borexino: Recent results and future plans. Physics of Particles and Nuclei, 2017, 48, 1026-1029.	0.7	1
130	The fun (?) of rare event searches. Journal of Physics: Conference Series, 2019, 1308, 012023.	0.4	1
131	Commissioning of the COBRA extended demonstrator at the LNGS. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1010, 165524.	1.6	1
132	Status of the SNO+ experiment. , 2009, , .		0
133	Status and perspectives of double beta decay searches. Journal of Physics: Conference Series, 2015, 578, 012007.	0.4	0
134	Neutrinos sind gewichtig. Physik in Unserer Zeit, 2015, 46, 272-273.	0.0	0
135	The discovery of neutrino oscillations. Annalen Der Physik, 2016, 528, 452-457.	2.4	0
136	Computational mathematics applied to astrophysics: Three cases of study. Journal of Physics: Conference Series, 2019, 1329, 012001.	0.4	0
137	Various aspects and results on beta decay, DBD, COBRA and LFV. AIP Conference Proceedings, 2019, , .	0.4	0
138	Estimated solar-neutrino capture rates of ¹³¹Xe: implications for multi-tonne Xe-based experiments. Journal of Physics G: Nuclear and Particle Physics, 2021, 48, 045102.	3.6	0
139	Status and Perspectives of Double Beta Decay Searches. , 2015, , .		0
140	Recent Borexino results and perspectives of the SOX measurement. EPJ Web of Conferences, 2018, 182, 02099.	0.3	0
141	Perspectives for CNO neutrino detection in Borexino. , 2019, , .		0
142	Muon flux measurement in the shallow-underground laboratory Felsenkeller. , 2019, , .		0
143	Ambient neutron background in the shallow-underground laboratory Felsenkeller. , 2019, , .		0
144	Stars within 10 parsec from the Sun and their neutrino fluxes at Earth. , 2019, , .		0

#	Article	IF	Citations
145	Solar neutrino spectroscopy in Borexino. , 2019, , .		0
146	Search for low-energy signals from fast radio bursts with the Borexino detector. European Physical Journal C, 2022, 82, 1.	3.9	0
147	Constraints on partial half-lives of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Ce</mml:mi><mml:mprescripts /><mml:none /><mml:mn>136</mml:mn></mml:mmultiscripts></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Ce</mml:mi><mml:mprescripts /><mml:none /><mml:mn>138</mml:mn></mml:mmultiscripts></mml:math> double electron captures. Physical Review C, 2022, 105, .	2.9	0