

Carlo Giunti

List of Publications by Year in descending order

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Version: 2024-02-01

186
papers

7,903
citations

44042

48
h-index

62565

80
g-index

189
all docs

189
docs citations

189
times ranked

3039
citing authors

#	ARTICLE	IF	CITATIONS
1	Phenomenology of neutrino oscillations. Progress in Particle and Nuclear Physics, 1999, 43, 1-86.	5.6	308
2	Statistical significance of the gallium anomaly. Physical Review C, 2011, 83, .	1.1	300
3	Neutrino electromagnetic interactions: A window to new physics. Reviews of Modern Physics, 2015, 87, 531-591.	16.4	266
4	A White Paper on keV sterile neutrino Dark Matter. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 025-025.	1.9	256
5	Neutrinoless double-beta decay: A probe of physics beyond the Standard Model. International Journal of Modern Physics A, 2015, 30, 1530001.	0.5	175
6	Updated global 3+1 analysis of short-baseline neutrino oscillations. Journal of High Energy Physics, 2017, 2017, 1.	1.6	171
7	Neutrino mass spectrum from the results of neutrino oscillation experiments. European Physical Journal C, 1998, 1, 247-253.	1.4	165
8	Pragmatic view of short-baseline neutrino oscillations. Physical Review D, 2013, 88, .	1.6	139
9	Light sterile neutrinos. Journal of Physics G: Nuclear and Particle Physics, 2015, 43, 033001.	1.4	134
10	NEUTRINOLESS DOUBLE-BETA DECAY: A BRIEF REVIEW. Modern Physics Letters A, 2012, 27, 1230015.	0.5	133
11	Limits on $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> \langle \text{mml:msub}> \langle \text{mml:mi}> \hat{1}/2 \langle \text{mml:mi}> \langle \text{mml:mi}> e \langle \text{mml:mi}> \langle \text{mml:msub}> \langle \text{mml:math}> \text{and} \langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> \langle \text{mml:msub}> \langle \text{mml:mover accent="true"> \langle \text{mml:mi}> \hat{1}/2 \langle \text{mml:mi}> \langle \text{mml:mo}> \hat{A}^- \langle \text{mml:mo}> \langle \text{mml:mover}> \langle \text{mml:mi}> e \langle \text{mml:mi}> \langle \text{mml:msub}> \langle \text{mml:math}> \text{disappears from Gallium and reactor experiments. Physical Review D, 2008, 78, .$	1.6	126
12	Status of light sterile neutrino searches. Progress in Particle and Nuclear Physics, 2020, 111, 103736.	5.6	123
13	Treatment of neutrino oscillations without resort to weak eigenstates. Physical Review D, 1993, 48, 4310-4317.	1.6	122
14	Update of short-baseline electron neutrino and antineutrino disappearance. Physical Review D, 2012, 86, .	1.6	121
15	Absolute values of neutrino masses: status and prospects. Physics Reports, 2003, 379, 69-148.	10.3	117
16	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> \langle \text{mml:m n}> 3 \langle \text{mml:m n}> \langle \text{mml:mo}> + \langle \text{mml:mo}> \langle \text{mml:m n}> 1 \langle \text{mml:m n}> \langle \text{mml:math}> \text{and} \langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> \langle \text{mml:m n}> 3 \langle \text{mml:m n}> \langle \text{mml:mo}> + \langle \text{mml:mo}> \langle \text{mml:m n}> 2 \langle \text{mml:m n}> \langle \text{mml:math}> \text{sterile neutrino fits. Physical Review D, 2011, 84, .$	1.6	113
17	Constraints from neutrino oscillation experiments on the effective Majorana mass in neutrinoless double $\hat{1}^2$ -decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 465, 193-202.	1.5	111
18	Coherence of neutrino oscillations in the wave packet approach. Physical Review D, 1998, 58, .	1.6	105

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37	Electromagnetic form factors of the nucleon: New fit and analysis of uncertainties. Physical Review C, 2009, 79, .	1.1	65
38	Status of θ_{13} and neutrino mixing. Physical Review D, 2011, 84, .	1.6	65
39	Four-neutrino oscillation solutions of the solar neutrino problem. Physical Review D, 2000, 62, .	1.6	64
40	Electromagnetic neutrinos in laboratory experiments and astrophysics. Annalen Der Physik, 2016, 528, 198-215.	0.9	64
41	Neutrino charge radii from COHERENT elastic neutrino-nucleus scattering. Physical Review D, 2018, 98, .	1.6	63
42	Model-independent θ_{12} short-baseline oscillations from reactor spectral ratios. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 782, 13-21.	1.5	61
43	Short-baseline electron neutrino disappearance, tritium beta decay, and neutrinoless double-beta decay. Physical Review D, 2010, 82, .	1.6	60
44	Sterile neutrinos: Cosmology versus short-baseline experiments. Physical Review D, 2013, 87, .	1.6	55
45	General COHERENT constraints on neutrino nonstandard interactions. Physical Review D, 2020, 101, .	1.6	52
46	Testing $3+1$ and $3+2$ neutrino mass models with cosmology and short baseline experiments. Physical Review D, 2012, 86, .	1.6	50
47	Neutrino oscillations in the framework of three-generation mixings with mass hierarchy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 356, 273-281.	1.5	49
48	Implications of CHOOZ results for the decoupling of solar and atmospheric neutrino oscillations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 444, 379-386.	1.5	49
49	The gallium anomaly revisited. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 795, 542-547.	1.5	47
50	When do neutrinos cease to oscillate?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 421, 237-244.	1.5	46
51	θ_{13} disappearance in MiniBooNE. Physical Review D, 2008, 77, .	1.6	46
52	Light sterile neutrinos after BICEP-2. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 031-031.	1.9	46
53	Fock states of flavor neutrinos are unphysical. European Physical Journal C, 2005, 39, 377-382.	1.4	45
54	Matter effects in four-neutrino mixing. Physical Review D, 2000, 61, .	1.6	43

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55	Constraints on light vector mediators through coherent elastic neutrino nucleus scattering data from COHERENT. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	1.6	43
56	Atmospheric neutrino oscillations with three neutrinos and a mass hierarchy. <i>Nuclear Physics B</i> , 1998, 521, 3-36.	0.9	42
57	Light sterile neutrinos: Status and perspectives. <i>Nuclear Physics B</i> , 2016, 908, 336-353.	0.9	41
58	Reactor antineutrino anomaly in light of recent flux model refinements. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2022, 829, 137054.	1.5	41
59	Light sterile neutrinos in cosmology and short-baseline oscillation experiments. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	40
60	Strong interacting two-doublet and doublet-singlet Higgs models. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1986, 178, 235-240.	1.5	39
61	Reactor fuel fraction information on the antineutrino anomaly. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	38
62	Sterile neutrino self-interactions: H_{0} tension and short-baseline anomalies. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 029-029.	1.9	37
63	Rates of processes with coherent production of different particles and the GSI time anomaly. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008, 665, 92-94.	1.5	36
64	Predictions for neutrinoless double-beta decay in the 3+1 sterile neutrino scenario. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	36
65	Physics results from the first COHERENT observation of coherent elastic neutrino-nucleus scattering in argon and their combination with cesium-iodide data. <i>Physical Review D</i> , 2020, 102, .	1.6	36
66	See-saw type mixing and θ_{12} , oscillations. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993, 300, 137-140.	1.5	35
67	Coherence of neutrino oscillations in vacuum and matter in the wave packet treatment. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992, 274, 87-94.	1.5	34
68	Short-baseline neutrino oscillations and neutrinoless double- β decay in the framework of three neutrino mixing and a mass hierarchy. <i>Physical Review D</i> , 1996, 54, 1881-1890.	1.6	34
69	Four-neutrino mixing and Big-Bang Nucleosynthesis. <i>Astroparticle Physics</i> , 1999, 11, 413-428.	1.9	34
70	Majoron decay of neutrinos in matter. <i>Physical Review D</i> , 1992, 45, 1557-1568.	1.6	33
71	LEPTON NUMBERS IN THE FRAMEWORK OF NEUTRINO MIXING. <i>International Journal of Modern Physics A</i> , 2001, 16, 3931-3949.	0.5	32
72	Quantum Mechanics of Neutrino Oscillations. <i>Foundations of Physics Letters</i> , 2001, 14, 213-229.	0.6	32

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73	Radiative decay and magnetic moment of neutrinos in matter. <i>Physical Review D</i> , 1991, 43, 164-169.	1.6	31
74	Neutrino interferometry in curved spacetime. <i>Physical Review D</i> , 2004, 69, .	1.6	31
75	Matter effects in active-sterile solar neutrino oscillations. <i>Physical Review D</i> , 2009, 80, .	1.6	31
76	Diagnosing the reactor antineutrino anomaly with global antineutrino flux data. <i>Physical Review D</i> , 2019, 99, .	1.6	31
77	Neutrino, electroweak, and nuclear physics from COHERENT elastic neutrino-nucleus scattering with refined quenching factor. <i>Physical Review D</i> , 2020, 101, .	1.6	31
78	Oscillations of pseudo Dirac neutrinos and the solar-neutrino problem. <i>Physical Review D</i> , 1992, 46, 3034-3039.	1.6	30
79	Bayesian view of solar neutrino oscillations. <i>Journal of High Energy Physics</i> , 2001, 2001, 017-017.	1.6	29
80	No effect of Majorana phases in neutrino oscillations. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010, 686, 41-43.	1.5	29
81	$g \hat{g}^2$ and proton and cesium weak charges implications on dark Z model	1.6	29
82	Atmospheric neutrino problem in maximally-mixed three generations of neutrinos. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995, 352, 357-364.	1.5	28
83	Neutrino flavour states and the quantum theory of neutrino oscillations. <i>Journal of Physics C: Nuclear and Particle Physics</i> , 2007, 34, R93-R109.	1.4	28
84	Precise determination of the ^{235}U reactor antineutrino cross section per fission. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 764, 145-149.	1.5	28
85	Sterile neutrinos and future solar neutrino experiments. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994, 320, 323-328.	1.5	27
86	Large $\hat{\nu}_\mu \hat{\nu}_\tau$, and $\hat{\nu}_\mu \hat{\nu}_\tau$, transitions in short-baseline experiments?. <i>Journal of High Energy Physics</i> , 2001, 2001, 001-001.	1.6	27
87	Neutrino-4 anomaly: Oscillations or fluctuations?. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 816, 136214.	1.5	27
88	Short-baseline electron neutrino oscillation length after the Troitsk experiment. <i>Physical Review D</i> , 2013, 87, .	1.6	26
89	Bounds on long-baseline $\hat{\nu}_\mu \hat{\nu}_\tau$ and $\hat{\nu}_\mu \hat{\nu}_\tau$ transition probabilities. <i>Physical Review D</i> , 1998, 57, 1930-1933	1.6	25
90	ENERGY AND MOMENTUM OF OSCILLATING NEUTRINOS. <i>Modern Physics Letters A</i> , 2001, 16, 2363-2369.	0.5	25

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91	High intensity neutrino oscillation facilities in Europe. Physical Review Special Topics: Accelerators and Beams, 2013, 16, .	1.8	25
92	Hint of CPT violation in short-baseline electron neutrino disappearance data. Physical Review D, 2010, 82, .	1.6	24
93	Neutrinoless double- $\hat{\nu}^2$ decay with three or four neutrino mixing. Physical Review D, 2000, 61, .	1.6	21
94	Joint short- and long-baseline constraints on light sterile neutrinos. Physical Review D, 2017, 95, .	1.6	21
95	Nonunitary neutrino mixing in short and long-baseline experiments. Physical Review D, 2021, 104, .	1.6	21
96	Appearance- $\hat{\nu}$ disappearance relation in 3 + Ns short-baseline neutrino oscillations. Modern Physics Letters A, 2016, 31, 1650003.	0.5	20
97	Probing light mediators and $(g \hat{\nu}^2)^{1/4}$ through detection of coherent elastic neutrino nucleus scattering at COHERENT. Journal of High Energy Physics, 2022, 2022, .	1.6	20
98	The process $\$ \$ \ar p \$ \$ p ? e ? e +$ with polarized initial particles and proton form factors in time-like region. Zeitschrift FÃ¼r Physik C-Particles and Fields, 1993, 59, 475-480.	1.5	19
99	New ordering principle for the classical statistical analysis of Poisson processes with background. Physical Review D, 1999, 59, .	1.6	19
100	Towards a model independent treatment of future solar neutrino data. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 311, 179-186.	1.5	18
101	The Phase of Neutrino Oscillations. Physica Scripta, 2003, 67, 29-33.	1.2	18
102	Neutrino mass spectrum from the results of neutrino oscillation experiments. European Physical Journal C, 1998, 1, 247.	1.4	18
103	Atmospheric neutrino oscillations among three neutrino flavors and long-baseline experiments. Astroparticle Physics, 1996, 4, 241-251.	1.9	17
104	Very-short-baseline electron neutrino disappearance. Physical Review D, 2009, 80, .	1.6	17
105	Improved determination of the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi mathvariant="normal"} \rangle U \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mprescripts} \rangle / \rangle \langle \text{mml:none} / \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 235 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ and $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle P \cup \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mprescripts} \rangle$	1.6	17
106	Statistical significance of reactor antineutrino active-sterile oscillations. Physical Review D, 2020, 101, .	1.6	17
107	New insights into nuclear physics and weak mixing angle using electroweak probes. Physical Review C, 2021, 104, .	1.1	17
108	Elastic $\hat{1}/2 N$ and $\hat{1}/2 \hat{A}^- N$ scattering and strange form factors of the nucleons. Zeitschrift FÃ¼r Physik C-Particles and Fields, 1996, 70, 463-471.	1.5	16

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109	Bayesian constraints on $\langle m_{\nu}^2 \rangle_{13}$ from solar and KamLAND neutrino data. Physical Review D, 2009, 80, .	1.6	16
110	Assessing the role of nuclear effects in the interpretation of the MiniBooNE low-energy anomaly. Physical Review D, 2016, 93, .	1.6	16
111	Detector based on $\langle m_{\nu}^2 \rangle_{\text{He}}$ evaporation to observe atomic effects in coherent neutrino scattering and physics perspectives.	1.6	16
112	KATRIN bound on 3+1 active-sterile neutrino mixing and the reactor antineutrino anomaly. Journal of High Energy Physics, 2020, 2020, 1.	1.6	16
113	Are there sterile neutrinos in the flux of solar neutrinos on the earth?. Zeitschrift für Physik C-Particles and Fields, 1995, 68, 495-501.	1.5	15
114	Neutrino oscillation constraints on neutrinoless double-beta decay. Physical Review D, 1998, 57, 6981-6988.	1.6	15
115	Short-baseline electron neutrino disappearance at a neutrino factory. Physical Review D, 2009, 80, .	1.6	15
116	Large short-baseline $\hat{1/2} \hat{A}^{-1/4}$ disappearance. Physical Review D, 2011, 83, .	1.6	15
117	Theory and Phenomenology of Neutrino Oscillations and Masses. Nuclear Physics, Section B, Proceedings Supplements, 2007, 169, 309-320.	0.5	13
118	Short-baseline $\langle m_{\nu}^2 \rangle_{1/2}$ \hat{A}^{-} $\hat{1/4}$ $\langle m_{\nu}^2 \rangle_{\text{osc}}$ $\hat{1/2}$ \hat{A}^{-} e oscillation. Physical Review D, 2010, 82, .	1.6	13
119	Light sterile neutrinos and inflationary freedom. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 023-023.	1.9	13
120	Treatment of the background error in the statistical analysis of Poisson processes. Physical Review D, 1999, 59, .	1.6	12
121	Model independent information on solar neutrino oscillations. Physical Review D, 2002, 65, .	1.6	11
122	LAST CPT-INVARIANT HOPE FOR LSND NEUTRINO OSCILLATIONS. Modern Physics Letters A, 2003, 18, 1179-1185.	0.5	11
123	Day-night asymmetries in active-sterile solar neutrino oscillations. Journal of High Energy Physics, 2013, 2013, 1.	1.6	11
124	Minimal dark energy: Key to sterile neutrino and Hubble constant tensions?. Physical Review D, 2022, 105, .	1.6	11
125	Pseudoscalar sterile neutrino self-interactions in light of Planck, SPT and ACT data. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 010.	1.9	11
126	The GSI Time Anomaly: Facts and Fiction. Nuclear Physics, Section B, Proceedings Supplements, 2009, 188, 43-45.	0.5	10

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127	A model independent approach to future solar neutrino experiments. <i>Astroparticle Physics</i> , 1994, 2, 353-373.	1.9	9
128	Statistical treatment of detection cross-section uncertainties in the analysis of solar neutrino data. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000, 488, 339-343.	1.5	9
129	Are there $\hat{\nu}_1, \hat{\nu}_2, \hat{\nu}_3$ in the flux of solar neutrinos on Earth?. <i>Physical Review D</i> , 2002, 65, .	1.6	9
130	Lorentz invariance of neutrino oscillations. <i>American Journal of Physics</i> , 2004, 72, 699-700.	0.3	9
131	A new analysis of the MiniBooNE low-energy excess. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	9
132	A frequentist analysis of solar neutrino data. <i>Astroparticle Physics</i> , 2002, 17, 205-220.	1.9	8
133	The ratio of $\langle \sigma_{ep} \rangle / \langle \sigma_{ep} \rangle_{\text{global fit}}$ scattering cross sections predicted from the global fit of elastic $\langle \sigma_{ep} \rangle$ data. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2009, 36, 115009.	1.4	8
134	CP-violating phases in active-sterile solar neutrino oscillations. <i>Physical Review D</i> , 2013, 87, .	1.6	8
135	Light sterile neutrino sensitivity of 163Ho experiments. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	8
136	Short-baseline oscillation scenarios at JUNO and TAO. <i>Physical Review D</i> , 2022, 105, .	1.6	7
137	Neutron-antineutron oscillation of ultracold neutrons in storage vessels. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1990, 47, 31-36.	1.5	6
138	Neutrino mixing from neutrino oscillation data. <i>Progress in Particle and Nuclear Physics</i> , 1998, 40, 219-228.	5.6	6
139	A frequentist analysis of solar neutrino data. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2001, 95, 146-149.	0.5	6
140	Electromagnetic properties of neutrinos. <i>Journal of Physics: Conference Series</i> , 2010, 203, 012100.	0.3	6
141	Mixed states for mixing neutrinos. <i>Physical Review D</i> , 2018, 98, .	1.6	6
142	Possible tests of neutrino maximal mixing and comments on matter effects. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996, 380, 331-336.	1.5	5
143	Four-neutrino mixing and long-baseline experiments. <i>Journal of High Energy Physics</i> , 2000, 2000, 032-032.	1.6	5
144	Neutrino Flavor States and the Quantum Theory of Neutrino Oscillations. <i>AIP Conference Proceedings</i> , 2008, , .	0.3	5

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145	Effect of the reactor antineutrino anomaly on the first Double-Chooz results. <i>Physical Review D</i> , 2012, 85, .	1.6	5
146	Four-neutrino scenarios. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2001, 100, 244-249.	0.5	4
147	THE PHYSICAL SIGNIFICANCE OF CONFIDENCE INTERVALS. <i>International Journal of Modern Physics C</i> , 2001, 12, 1155-1168.	0.8	4
148	Phenomenology of Absolute Neutrino Masses. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2005, 145, 231-236.	0.5	4
149	TESTING THE STABILITY OF THE SOLAR NEUTRINO LMA SOLUTION WITH A BAYESIAN ANALYSIS. <i>Modern Physics Letters A</i> , 2006, 21, 2269-2281.	0.5	4
150	Possible tests for sterile neutrinos. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1996, 48, 381-383.	0.5	3
151	On the neutrino mass spectrum and neutrino mixing from oscillation data. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1999, 77, 151-156.	0.5	3
152	Four-neutrino oscillations. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2000, 451, 51-57.	0.7	3
153	Matter effects in active-sterile solar neutrino oscillations. <i>Progress in Particle and Nuclear Physics</i> , 2010, 64, 213-215.	5.6	3
154	Hint of CPT Violation in Short-Baseline Electron Neutrino Disappearance. <i>Journal of Physics: Conference Series</i> , 2011, 335, 012054.	0.3	3
155	Short-BaseLine Electron Neutrino Disappearance. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2011, 217, 193-195.	0.5	3
156	Phenomenology of sterile neutrinos. <i>Journal of Physics: Conference Series</i> , 2013, 408, 012009.	0.3	3
157	Oscillations of non-relativistic neutrinos. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1992, 28, 172-175.	0.5	2
158	Neutrino masses and mixing from neutrino oscillation data. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1998, 66, 404-407.	0.5	2
159	Four-neutrino MS2 mixing. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999, 467, 83-94.	1.5	2
160	Statistical analysis of solar neutrino data. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2001, 100, 77-79.	0.5	2
161	The power of confidence intervals. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002, 480, 763-770.	0.7	2
162	Gallium and Reactor Neutrino Anomalies. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2009, 188, 211-213.	0.5	2

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163	Neutrino oscillations and sterile neutrino. Physics of Particles and Nuclei, 2015, 46, 123-130.	0.2	2
164	Oscillations Beyond Three-Neutrino Mixing. Journal of Physics: Conference Series, 2017, 888, 012231.	0.3	2
165	Neutrino charge constraints from scattering to the weak gravity conjecture to neutron stars. Physical Review D, 2020, 102, .	1.6	2
166	Phenomenology of Light Sterile Neutrinos. Acta Physica Polonica B, Proceedings Supplement, 2013, 6, 667.	0.0	2
167	Four-neutrino oscillations and the solar neutrino problem. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 472, 364-370.	0.7	1
168	Status of Sterile Neutrinos. Nuclear Physics, Section B, Proceedings Supplements, 2013, 237-238, 295-300.	0.5	1
169	Phenomenology of Neutrino Oscillations and Mixing. Acta Physica Polonica B, 2013, 44, 2323.	0.3	1
170	Phenomenology of light sterile neutrinos. Modern Physics Letters A, 2015, 30, 1530015.	0.5	1
171	Light sterile neutrinos and neutrinoless double-beta decay. AIP Conference Proceedings, 2017, , .	0.3	1
172	Oscillations Beyond Three-Neutrino Mixing. Journal of Physics: Conference Series, 2017, 888, 012019.	0.3	1
173	Short-baseline neutrino oscillations with $3\hat{\epsilon}^{-1}$ non-unitary mixing. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 795, 236-240.	1.5	1
174	Electromagnetic interactions of massive neutrinos and neutrino oscillations. Journal of Physics: Conference Series, 2020, 1342, 012118.	0.3	1
175	Global Status of Sterile Neutrino Scenarios. , 2016, , .		1
176	Neutrino mixing and future solar neutrino experiments. Nuclear Physics, Section B, Proceedings Supplements, 1994, 35, 430-432.	0.5	0
177	A model independent analysis of solar neutrino data. Nuclear Physics, Section B, Proceedings Supplements, 1995, 43, 71-74.	0.5	0
178	Neutrino oscillations with three-generation mixings and mass hierarchy. Nuclear Physics, Section B, Proceedings Supplements, 1996, 48, 198-200.	0.5	0
179	Neutrino masses and mixing in the light of experimental data. Pramana - Journal of Physics, 1998, 51, 51-64.	0.9	0
180	Crossing different energy scales: a summary. Nuclear Physics, Section B, Proceedings Supplements, 2007, 168, 407-412.	0.5	0

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181	Phenomenology of Light Sterile Neutrinos. Journal of Physics: Conference Series, 2015, 631, 012052.	0.3	0
182	Predictions for neutrinoless double-beta decay in the 3+1 sterile neutrino scenario. Journal of Physics: Conference Series, 2016, 718, 062074.	0.3	0
183	Astrophysical probes of electromagnetic neutrinos. Journal of Physics: Conference Series, 2017, 888, 012223.	0.3	0
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