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379	Spectral distortions at Super-Kamiokande. <i>Physical Review D</i> , 2006 , 74,	4.9	
378	Nuclear cross sections in 16O for Ibeam neutrinos at intermediate energies. 2006, 641, 159-163		2
377	A Search for Neutrinos from the SolarhepReaction and the Diffuse Supernova Neutrino Background with the Sudbury Neutrino Observatory. <i>Astrophysical Journal</i> , 2006 , 653, 1545-1551	4.7	57
376	Model predictions for neutrino oscillation parameters. <i>Physical Review D</i> , 2006 , 74,	4.9	57
375	Activation measurement of the 3He(alpha,gamma)7Be cross section at low energy. 2006 , 97, 122502		117
374	Observation of muon neutrino disappearance with the MINOS detectors in the NuMI neutrino beam. 2006 , 97, 191801		359
373	What fraction of boron-8 solar neutrinos arrive at the Earth as a 🛭 mass eigenstate?. <i>Physical Review D</i> , 2006 , 74,	4.9	10
372	MINOS. 2007 , 48, 213-226		
371	Affleck D ine leptogenesis via multiscalar evolution in a supersymmetric seesaw model. <i>Journal of Cosmology and Astroparticle Physics</i> , 2007 , 2007, 015-015	6.4	5
370	Status of neutrino masses and mixing and future perspectives. 2007 , 40, 6707-6713		8
369	Astrophysical S factor of the He3(\(\mathreag{H}\))Be7 reaction measured at low energy via detection of prompt and delayed (\(\text{Tays.}\) 2007, 75,		99
368	Sterile neutrino oscillations after first MiniBooNE results. <i>Physical Review D</i> , 2007 , 76,	4.9	151
367	Model dependence of the neutrino-deuteron disintegration cross sections at low energies. 2007 , 75,		7
366	He3(⊞,¶Be7 cross section at low energies. 2007 , 75,		75
365	Neutrino Emission from Type la Supernovae. 2007 , 59, L57-L61		12
364	Search for Supernova Neutrino Bursts at Super-Kamiokande. <i>Astrophysical Journal</i> , 2007 , 669, 519-524	4.7	118
363	In situ determination of Earth matter density in a neutrino factory. <i>Physical Review D</i> , 2007 , 75,	4.9	13

(2008-2007)

362	Resolving the eightfold neutrino parameter degeneracy by two identical detectors with different baselines. <i>Physical Review D</i> , 2007 , 75,	4.9	55
361	Baryogenesis via left-right asymmetry generation by the Affleck-Dine mechanism in a Dirac neutrino model. <i>Physical Review D</i> , 2007 , 75,	4.9	3
360	Physics of Neutrinos. 2007 , 76, 111008		2
359	Physics potential of the Tokai-to-Kamioka-and-Korea proposal: An extension of the Tokai-to-Kamioka neutrino oscillation experiment with a far detector in Korea. <i>Physical Review D</i> , 2007 , 76,	4.9	26
358	Neutrino backgrounds to dark matter searches. <i>Physical Review D</i> , 2007 , 76,	4.9	103
357	SNO & Solar Neutrino Results. 2007 , 168, 84-89		
356	Results from MINOS/NuMI. 2007 , 169, 326-330		
355	Future neutrino oscillation physics in Japan. 2007 , 168, 155-160		
354	Low Energy Challenges in Super-Kamiokande-III. 2007 , 168, 118-121		1
353	Neutrino Physics around MeV Energies. 2007 , 168, 389-394		1
352	Standard Model and Related Topics. 2008, 667, 116-211		2
351	Leptons. 2008 , 667, 479-548		2
350	The He3(⊞,)Be7 S-factor at solar energies: The prompt lexperiment at LUNA. 2008 , 814, 144-158		58
349	Hints of theta13>0 from global neutrino data analysis. 2008 , 101, 141801		227
348	Experimental results on neutrino oscillations. 2008, 71, 106201		13
347	Neutrino mass limit from tritium 🗹 ecay. 2008 , 71, 086201		205
346	Three-flavour neutrino oscillation update. 2008 , 10, 113011		461
345	Lepton flavor violation in predictive supersymmetric GUT models. <i>Physical Review D</i> , 2008 , 77,	4.9	10

344	Independent measurement of the total active 8B solar neutrino flux using an array of 3He proportional counters at the Sudbury Neutrino Observatory. 2008 , 101, 111301		227
343	Solar neutrino measurements in Super-Kamiokande-II. <i>Physical Review D</i> , 2008 , 78,	4.9	184
342	Majorana neutrinos, neutrino mass spectrum, and the <m> ~10B eV frontier in neutrinoless double beta decay. <i>Physical Review D</i>, 2008, 77,</m>	4.9	44
34 ¹	Study of muon neutrino disappearance using the Fermilab Main Injector neutrino beam. <i>Physical Review D</i> , 2008 , 77,	4.9	102
340	Patterns of flavor signals in supersymmetric models. <i>Physical Review D</i> , 2008 , 77,	4.9	16
339	Oscillation effects and time variation of the supernova neutrino signal. <i>Physical Review D</i> , 2008 , 77,	4.9	46
338	Oscillation and future detection of failed supernova neutrinos from a black-hole-forming collapse. <i>Physical Review D</i> , 2008 , 78,	4.9	33
337	Contrasting solar and reactor neutrinos with a non-zero value of 113. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2008 , 35, 075007	2.9	40
336	Neutrino production states in oscillation phenomenalize they pure or mixed?. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2008 , 35, 065003	2.9	7
335	Comparison of the LUNA3He(\(\mathbb{H}\), \(\mathbb{I}\) Be activation results with earlier measurements and model calculations. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 014002	2.9	2
334	NEUTRINO CP VIOLATING PARAMETERS FROM NONTRIVIAL QUARK[IEPTON CORRELATION: A S3 [GUT MODEL. 2008 , 23, 4435-4448		18
333	Direct WIMP identification: physics performance of a segmented noble liquid target immersed in a Gd-doped water veto. <i>Journal of Cosmology and Astroparticle Physics</i> , 2008 , 2008, 019	6.4	4
332	Parameter degeneracy in flavor-dependent reconstruction of supernova neutrino fluxes. <i>Journal of Cosmology and Astroparticle Physics</i> , 2008 , 2008, 006	6.4	21
331	Effect of leptonic CP phase in ₺ ₺scillations. 2008, 2008, 016-016		3
330	Solving the degeneracy of the lepton-flavor mixing angle ATMby the T2KK two detector neutrino oscillation experiment. 2008 , 2008, 022-022		15
329	Probing nonstandard neutrino physics by two identical detectors with different baselines. <i>Physical Review D</i> , 2008 , 77,	4.9	28
328	Measurement of neutrino oscillations with the MINOS detectors in the NuMI beam. 2008, 101, 131802		222
327	Nuclear deformation and neutrinoless double-Idecay of Zr94,96, Mo98,100, Ru104, Pd110, Te128,130, and Nd150 nuclei within a mechanism involving neutrino mass. 2008 , 78,		46

(2009-2008)

326	Search for active neutrino disappearance using neutral-current interactions in the MINOS long-baseline experiment. 2008 , 101, 221804	42
325	Future possibilities with Fermilab neutrino beams. 2008 , 136, 022021	
324	On the impact of systematical uncertainties for the CP violation measurement in superbeam experiments. 2008 , 2008, 021-021	30
323	Low-energy neutrino observation at Super-Kamiokande-III. 2008 , 120, 052008	3
322	Future possibilities with the J-PARC neutrino beam. 2008 , 136, 022020	1
321	MiniBooNE: first results on the muon-to-electron neutrino oscillation search. 2008 , 110, 082020	
320	Future RealtimeBolar neutrino experiments. 2008, 136, 022004	3
319	Report on the third and final phase of SNO. 2008 , 136, 022002	2
318	SEARCH FOR NEUTRINOS FROM GRB 080319B AT SUPER-KAMIOKANDE. <i>Astrophysical Journal</i> , 4·7	8
317	Kinematic reconstruction of atmospheric neutrino events in a large water Cherenkov detector with proton identification. <i>Physical Review D</i> , 2009 , 79,	18
316	The OPERA experiment in the CERN to Gran Sasso neutrino beam. 2009, 4, P04018-P04018	138
315	The Sudbury Neutrino Observatory. 2009 , 59, 431-465	17
314	First hint for CP violation in neutrino oscillations from upcoming superbeam and reactor experiments. 2009 , 2009, 044-044	117
313	Massive neutrinos, Lorentz invariance dominated standard model and the phenomenological approach to neutrino oscillations. 2009 , 80, 025101	
312	Perturbation theory of neutrino oscillation with nonstandard neutrino interactions. 2009, 2009, 114-114	48
311	High energy neutrino telescopes. 2009 , 11, 055006	5
310	Leptogenesis scenarios via non-thermally produced right-handed neutrino and sneutrino in supersymmetric seesaw model. <i>Journal of Cosmology and Astroparticle Physics</i> , 2009 , 2009, 007-007	4
309	Precise Measurement of Solar Neutrino Oscillation Parameters from Recent Experiments. 2009 , 26, 031401	3

308	Solar Neutrino Oscillation Parameters after SNO Phase-III and SAGE Part-III. 2009, 26, 081402		1
307	Evidence of correlations between nuclear decay rates and EarthBun distance. 2009, 32, 42-46		97
306	Neutrino Physics. 2009 , 827, 5c-14c		6
305	High-speed charge-to-time converter ASIC for the Super-Kamiokande detector. 2009 , 610, 710-717		40
304	Current MINOS Oscillation Results and Status of the NOA Experiment. 2009, 189, 271-276		3
303	Observation of neutrons with a Gadolinium doped water Cherenkov detector. 2009 , 607, 616-619		22
302	Results from the Sudbury Neutrino Observatory Phase III. 2009 , 188, 96-100		3
301	Comparing trimaximal mixing and its variants with deviations from tri-bimaximal mixing. <i>European Physical Journal C</i> , 2009 , 62, 599-608	4.2	120
300	Lepton flavor violating decays E>l□l and E>e□n the Higgs triplet model. <i>Physical Review D</i> , 2009 , 79,	4.9	75
299	Constraining nonstandard neutrino-quark interactions with solar, reactor, and accelerator data. <i>Physical Review D</i> , 2009 , 80,	4.9	48
298	Neutrinoless double beta decay and HHH->l?비l decays in the Higgs triplet model. <i>Physical Review D</i> , 2009 , 80,	4.9	21
297	Light Higgs boson scenario in the supersymmetric seesaw model. <i>Physical Review D</i> , 2009 , 80,	4.9	2
296	Bayesian constraints on ?13 from solar and KamLAND neutrino data. <i>Physical Review D</i> , 2009 , 80,	4.9	14
295	NEUTRINO ENERGY LOSS AT MATTER-RADIATION DECOUPLING PHASE. 2009 , 24, 1051-1054		1
294	Neutrino experiments. 2009 , 171, 012015		
293	CN neutrinos and the Sun's primordial core metalicity. 2009 , 173, 012014		1
292	Progress of LUNA. 2010 , 202, 012031		
291	Low energy neutrino physics at Super-Kamiokande. 2010 , 203, 012082		6

290 Frontiers of low energy neutrino physics and astrophysics. **2010**, 203, 012010

289	Discrete flavor symmetries and models of neutrino mixing. <i>Reviews of Modern Physics</i> , 2010 , 82, 2701-27 2 0.5	631
288	Dark matter from split seesaw. 2010 , 693, 144-148	100
287	Deviations of the lepton mapping matrix from the Harrison-Perkins-Scott form. 2010 , 34, 1547-1555	6
286	Resonance strengths in the N14(p,)015 and N15(p,⊞)C12 reactions. 2010 , 81,	28
285	Atmospheric neutrino oscillation analysis with subleading effects in Super-Kamiokande I, II, and III. Physical Review D, 2010 , 81, 4-9	196
284	Search for sterile neutrino mixing in the MINOS long-baseline experiment. <i>Physical Review D</i> , 2010 , 81,	50
283	Low-energy-threshold analysis of the Phase I and Phase II data sets of the Sudbury Neutrino Observatory. 2010 , 81,	179
282	A BRIEF REVIEW OF MINOS NEUTRINO OSCILLATION RESULTS. 2010 , 25, 1219-1231	17
281	13: phenomenology, present status and prospect. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2010 , 37, 103001	50
2 80	Exploring hadron physics in black hole formations: A new promising target of neutrino astronomy. <i>Physical Review D</i> , 2010 , 81,	23
279	Massive neutrinos in cosmology: Analytic solutions and fluid approximation. <i>Physical Review D</i> , 2010 , 81,	50
278	Measurement of the solar B8 neutrino rate with a liquid scintillator target and 3 MeV energy threshold in the Borexino detector. <i>Physical Review D</i> , 2010 , 82,	187
277	Phenomenology in the Higgs triplet model with the A4 symmetry. <i>Physical Review D</i> , 2010 , 82, 4.9	22
276	Solar neutrino spectrum, sterile neutrinos, and additional radiation in the Universe. <i>Physical Review D</i> , 2011 , 83,	62
275	Constraints on 🗓 3 from a three-flavor oscillation analysis of reactor antineutrinos at KamLAND. Physical Review D, 2011 , 83, 4-9	191
274	Constraints from neutrino masses and muon (g-2) in the bilinear R-parity violating supersymmetric model. <i>Physical Review D</i> , 2011 , 83,	7
273	Production of doubly charged scalars from the decay of singly charged scalars in the Higgs triplet model. <i>Physical Review D</i> , 2011 , 84,	61

272	The stars and stellar evolution. 2011 , 35-76
271	The dynamics of charged particles in magnetic fields. 2011 , 178-192
270	Interstellar gas and magnetic fields. 2011 , 333-377
269	Preface. 2011 , xiii-xvi
268	High energy astrophysics 🗈 introduction. 2011 , 3-34
267	Interactions of high energy photons. 2011 , 228-278
266	Active galaxies. 2011 , 585-609
265	The galaxies. 2011 , 77-98
264	Clusters of galaxies. 2011 , 99-128
263	Ionisation losses. 2011 , 131-153
262	Radiation of accelerated charged particles and bremsstrahlung of electrons. 2011 , 154-177
261	Synchrotron radiation. 2011 , 193-227
260	Nuclear interactions. 2011, 279-297
259	Aspects of plasma physics and magnetohydrodynamics. 2011 , 298-330
258	Dead stars. 2011 , 378-442
257	Accretion power in astrophysics. 2011 , 443-492
256	Cosmic rays. 2011 , 493-535
255	The origin of cosmic rays in our Galaxy. 2011 , 536-560

254	The acceleration of high energy particles. 2011 , 561-582		
253	Black holes in the nuclei of galaxies. 2011 , 610-636		
252	The vicinity of the black hole. 2011 , 637-660		
251	Extragalactic radio sources. 2011 , 661-680		
250	Compact extragalactic sources and superluminal motions. 2011 , 681-713		1
249	Cosmological aspects of high energy astrophysics. 2011 , 714-752		
248	Appendix: Astronomical conventions and nomenclature. 2011 , 753-782		
247	Bibliography. 2011, 783-824		
246	Solar neutrino experiments: recent results and future prospects. 2011 , 312, 072001		1
245	The search for neutrinoless double beta decay with Cuoricino and Cuore. 2011 , 335, 012046		
244	GLACIER and related R&D. 2011 , 309, 012012		2
243	Astroparticle physics with solar neutrinos. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 2011 , 87, 215-29	4	1
242	Large-scale gadolinium-doped water Cherenkov detector for nonproliferation. 2011 , 654, 377-382		14
241	Measurements of 8B Solar Neutrinos IResults and Prospects from SNO and SuperKamiokande. 2011 , 221, 110-118		
240	Atmospheric neutrino oscillations and the search for Dappearance at Super-Kamiokande. 2011 , 218, 309-313		
239	What we know and do not know about neutrino production in stars. 2011 , 221, 292-298		
238	Constraints on composite Dirac neutrinos from observations of galaxy clusters. 2011 , 702, 228-234		5
237	Solar neutrino experiments: Status and prospects. 2011 , 42, 558-565		

236 Short-baseline reactor neutrino oscillations. **2011**, 217, 83-88

235	Probing new limits for the Violation of the Equivalence Principle in the solarEeactor neutrino sector as a next to leading order effect. 2011 , 701, 240-247		4
234	Non-minimal sneutrino inflation, Peccei-Quinn phase transition and non-thermal leptogenesis. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 019-019	6.4	31
233	Indication of electron neutrino appearance from an accelerator-produced off-axis muon neutrino beam. 2011 , 107, 041801		946
232	Solar neutrino results in Super-Kamiokande-III. <i>Physical Review D</i> , 2011 , 83,	4.9	239
231	Hint of nonstandard Mikheyev-Smirnov-Wolfenstein dynamics in solar neutrino conversion. <i>Physical Review D</i> , 2011 , 83,	4.9	19
230	Phenomenology in the Zee model with the A4 symmetry. <i>Physical Review D</i> , 2011 , 83,	4.9	20
229	NEUTRINO PHYSICS: A STATUS REPORT. 2011 , 26, 4901-4927		2
228	ON THE POSSIBILITY TO SIMULTANEOUSLY DETERMINE THE LONG-TERM AVERAGE FLUXES OF SOLAR pp-NEUTRINOS AND COSMIC RAY MUONS. 2011 , 26, 1267-1271		2
227	Solar Neutrino Observables Sensitive to Matter Effects. 2012 , 2012, 1-15		7
226	Muon (g½) from the bulk neutrino field in a warped extra dimensional model. <i>Physical Review D</i> , 2012 , 86,	4.9	1
225	Exploring the neutrino mass hierarchy probability with meteoritic supernova material, Eprocess nucleosynthesis, and 🗓 3 mixing. <i>Physical Review D</i> , 2012 , 85,	4.9	24
224	Supernova relic neutrino search at super-Kamiokande. <i>Physical Review D</i> , 2012 , 85,	4.9	110
223	Supernova relic neutrinos at Super-Kamiokande. 2012 , 375, 042037		4
222	The Borexino impact in the global analysis of neutrino data. 2012, 375, 042031		
221	Current status of the T2K experiment. 2012 , 347, 012005		1
220	Final results from SNO. 2012 , 375, 042049		1
219	Additional experimental evidence for a solar influence on nuclear decay rates. 2012 , 37, 81-88		22

(2013-2012)

218	High precision 7Be solar neutrinos measurement and day night effect obtained with Borexino. 2012 , 692, 258-261		
217	Five-lepton and six-lepton signatures from production of neutral triplet scalars in the Higgs triplet model. <i>Physical Review D</i> , 2012 , 85,	4.9	28
216	Application of quasi-optimal weights to searches of anomalies. Statistical criteria for step-like anomalies in cumulative spectra. 2012 , 686, 162-167		3
215	Probing nonstandard standard model backgrounds with LHC monojets. 2012 , 714, 267-275		55
214	Evidence of solar influence on the tritium decay rate. 2012 , 36, 26-30		10
213	Cherenkov Counting. 2012 , 935-1019		2
212	Global status of neutrino oscillation parameters after Neutrino-2012. Physical Review D, 2012, 86,	4.9	352
211	Update of short-baseline electron neutrino and antineutrino disappearance. <i>Physical Review D</i> , 2012 , 86,	4.9	109
210	Solar and Terrestrial Neutrino Results from Borexino. 2012 , 229-232, 74-78		
209	Detection of Supernova Neutrinos. 2012 , 229-232, 325-330		9
208	The Homestake Neutrino Detector. 2012 , 229-232, 376-380		
207	Equivalence Principle from the Solar and Reactor Neutrino Observations. 2012 , 229-232, 452		1
206	Results from the Borexino Solar Neutrino Experiment. 2012 , 62, 315-336		4
205	Absence of a dayflight asymmetry in the 7Be solar neutrino rate in Borexino. 2012, 707, 22-26		73
204	On the origin of the Kamiokande experiment and neutrino astrophysics. 2012 , 37, 33-73		2
203	Analytic Calculation of Neutrino Mass Eigenvalues. 2012 , 51, 622-628		4
202	keV NEUTRINO MODEL BUILDING. 2013 , 22, 1330020		78
201	Quasi-Dirac neutrinos and solar neutrino data. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	1

200	Combined analysis of all three phases of solar neutrino data from the Sudbury Neutrino Observatory. 2013 , 88,		189
199	Super-Kamiokande Low Energy Results. 2013 , 237-238, 111-113		6
198	Neutrinos from the sun and from radioactive sources. 2013 , 237-238, 77-81		
197	Super-Kamiokande⊠ Solar [Results. 2013 , 235-236, 49-54		7
196	Final results from SNO. 2013 , 237-238, 107-110		3
195	Recent results in atmospheric neutrino oscillations in the light of large 🛭 3. 2013 , 235-236, 79-86		11
194	Theoretical antineutrino detection, direction and ranging at long distances. <i>Physics Reports</i> , 2013 , 527, 131-204	27.7	10
193	Systematic search for step-like anomalies in the tritium Edecay spectrum in the Troitsk-Emass experiment. 2013 , 897, 218-228		1
192	Activation measurement of the reaction cross section at high energies. 2013, 908, 1-11		39
191	Evidence for the appearance of atmospheric tau neutrinos in super-Kamiokande. 2013 , 110, 181802		61
190	Solar Neutrinos: Status and Prospects. 2013 , 51, 21-61		119
189	Spectral content of 22Na/44Ti decay data: implications for a solar influence. 2013 , 344, 297-303		19
188	A novel way of constraining WIMPs annihilations in the Sun: MeV neutrinos. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013 , 2013, 011-011	6.4	43
187	The role of radioactive ion beams in nuclear astrophysics. 2013 , T152, 014011		28
186	On experiments in Underground Physics. 2013 , 56, 296-304		7
185	Solar Neutrinos. 2013 , 2013, 1-34		31
184	Nonstandard models, solar neutrinos, and large 🗓 3. <i>Physical Review D</i> , 2013 , 88,	4.9	12
183	Reactor on-off antineutrino measurement with KamLAND. <i>Physical Review D</i> , 2013 , 88,	4.9	162

(2014-2013)

182	Measurement of the 🛭 and total 8B solar neutrino fluxes with the Sudbury Neutrino Observatory phase-III data set. 2013 , 87,		34
181	Implications of Higgs boson to diphoton decay rate in the bilinear R-parity violating supersymmetric model. <i>Physical Review D</i> , 2013 , 87,	4.9	1
180	Status of three-neutrino oscillation parameters. 2013 , 61, 427-440		1
179	Charged lepton flavor violation in supersymmetric low-scale seesaw models. <i>Physical Review D</i> , 2013 , 87,	4.9	27
178	MCMC SAMPLING IN THE GLOBAL ANALYSIS OF SOLAR AND REACTOR NEUTRINO DATA. 2013, 28, 135	50005	
177	Nuclear weak interactions, supernova nucleosynthesis and neutrino oscillation. 2013 , 445, 012024		
176	Low Energy Investigations at Kamioka Observatory. 2013 , 460, 012017		1
175	Phenomenology of Neutrino Mixing in Vacuum and Matter. 2013 , 2013, 1-15		
174	Neutrino oscillations refitted. <i>Physical Review D</i> , 2014 , 90,	4.9	334
173	Antineutrino science in KamLAND. European Physical Journal C, 2014 , 74, 1	4.2	13
172	Detecting the upturn of the solar 8 B neutrino spectrum with LENA. 2014 , 737, 251-255		9
171	Physics Potential of Long-Baseline Experiments. 2014 , 2014, 1-29		17
170	Lepton Flavour Violation Experiments. 2014 , 2014, 1-31		14
169	Directional dark matter detection beyond the neutrino bound. <i>Physical Review D</i> , 2014 , 90,	4.9	51
168	Final results of Borexino Phase-I on low-energy solar neutrino spectroscopy. <i>Physical Review D</i> , 2014 , 89,	4.9	161
167	First calculation of cosmic-ray muon spallation backgrounds for MeV astrophysical neutrino signals in Super-Kamiokande. 2014 , 89,		29
166	Solar neutrino experiments. 2014 , 57, 512-524		10
165	Neutrino Oscillations. 2014 , 2014, 1-28		14

164	Constraining alternative gravity theories using the solar neutrino problem. 2014 , 31, 055005		6
163	First indication of terrestrial matter effects on solar neutrino oscillation. 2014 , 112, 091805		65
162	Neutrinos in core-collapse supernovae and nucleosynthesis. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2014 , 41, 044007	2.9	21
161	Calibration of the Super-Kamiokande detector. 2014 , 737, 253-272		78
160	Data analysis in Borexino. 2014 , 29, 1442012		2
159	The lepton flavor violating signal of the charged scalar . 2014 , 884, 257-273		1
158	Dips in the diffuse supernova neutrino background. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014 , 2014, 014-014	6.4	29
157	Be7 solar neutrino measurement with KamLAND. 2015 , 92,		38
156	Spallation backgrounds in Super-Kamiokande are made in muon-induced showers. <i>Physical Review D</i> , 2015 , 91,	4.9	25
155	Tagging spallation backgrounds with showers in water Cherenkov detectors. <i>Physical Review D</i> , 2015 , 92,	4.9	20
154	CHERENCUBE: concept definition and implementation challenges of a Cherenkov-based detector block for PET. 2015 , 42, 1825-35		18
153	Extrinsic and intrinsic CPT asymmetries in neutrino oscillations. 2015 , 893, 482-500		11
152	Constraining absolute neutrino masses via detection of galactic supernova neutrinos at JUNO. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015 , 2015, 044-044	6.4	12
151	Aspects of neutrino oscillation in alternative gravity theories. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015 , 2015, 019-019	6.4	21
150	Solar results from Super-Kamiokande. 2015 ,		5
149	nuSTORM and a Path to a Muon Collider. 2015 , 65, 145-175		8
148	Exploring flavor-dependent long-range forces in long-baseline neutrino oscillation experiments. 2015 , 2015, 1-45		4
147	Bayesian global analysis of neutrino oscillation data. 2015 , 2015, 1		38

146	Probing new physics with underground accelerators and radioactive sources. 2015, 740, 61-65		20
145	Solar Neutrino Results from Super-Kamiokande. 2015 , 61, 345-354		7
144	New Measurements of Reactor Disappearance with the Double Chooz Far Detector. 2015 , 61, 331-335		
143	Search for short baseline disappearance with the T2K near detector. <i>Physical Review D</i> , 2015 , 91,	4.9	8
142	The sensitivity of the ICAL detector at India-based Neutrino Observatory to neutrino oscillation parameters. <i>European Physical Journal C</i> , 2015 , 75, 1	4.2	18
141	Highlights from Super-Kamiokande. 2016, 126, 02023		3
140	LUNA: Present status and future prospects. 2016 , 117, 09002		
139	Low energy neutrinos in Super-Kamiokande. 2016 , 718, 062052		6
138	Characterization of the spontaneous light emission of the PMTs used in the Double Chooz experiment. 2016 , 11, P08001-P08001		4
137	Neutrino oscillations and the seesaw origin of neutrino mass. 2016 , 908, 436-455		23
136	Alive and well: A short review about standard solar models. 2016 , 52, 1		33
135	Measurements of the atmospheric neutrino flux by Super-Kamiokande: Energy spectra, geomagnetic effects, and solar modulation. <i>Physical Review D</i> , 2016 , 94,	4.9	41
134	Solar neutrinos in Super-Kamiokande. 2016 , 273-275, 1749-1752		1
133	Neutrino decay and solar neutrino seasonal effect. 2016 , 761, 70-73		29
132	Solar neutrino measurements in Super-Kamiokande-IV. <i>Physical Review D</i> , 2016 , 94,	4.9	114
131	First measurement of radioactive isotope production through cosmic-ray muon spallation in Super-Kamiokande IV. <i>Physical Review D</i> , 2016 , 93,	4.9	24
130	Upper bound on neutrino mass based on T2K neutrino timing measurements. <i>Physical Review D</i> , 2016 , 93,	4.9	2
129	Techniques and methods for the low-energy neutrino detection. 2016 , 52, 1		3

128	Experimental data on solar neutrinos. 2016 , 52, 1		2
127	Data analysis for solar neutrinos observed by water Cherenkov detectors?. 2016 , 52, 1		1
126	The nuclear physics of the hydrogen burning in the Sun. 2016 , 52, 1		6
125	Updated determination of the solar neutrino fluxes from solar neutrino data. 2016 , 2016, 1		50
124	Global analyses of neutrino oscillation experiments. 2016 , 908, 199-217		129
123	A White Paper on keV sterile neutrino Dark Matter. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017 , 2017, 025-025	6.4	167
122	Seasonal modulation of the 7 Be solar neutrino rate in Borexino. 2017, 92, 21-29		15
121	Measurement of radon concentration in super-Kamiokande∃ buffer gas. 2017 , 867, 108-114		10
120	Solar neutrino spectroscopy. <i>Physics Reports</i> , 2017 , 685, 1-52	27.7	7
119	Neutrino and CP-even Higgs boson masses in a nonuniversal U(1)? extension. <i>Physical Review D</i> , 2017 , 95,	4.9	10
118	Evolution of a proto-neutron star with a nuclear many-body equation of state: Neutrino luminosity and gravitational wave frequencies. <i>Physical Review D</i> , 2017 , 96,	4.9	37
117	Nonuniversal anomaly-free U(1) model with three Higgs doublets and one singlet scalar field. <i>Physical Review D</i> , 2017 , 96,	4.9	3
116	Updated fit to three neutrino mixing: exploring the accelerator-reactor complementarity. 2017 , 2017, 1		408
115	Curtailing the dark side in non-standard neutrino interactions. 2017 , 2017, 1		61
114	Search for the sterile neutrino mixing with the ICAL detector at INO. <i>European Physical Journal C</i> , 2017 , 77, 1	4.2	8
113	Probing lepton flavor violation signal via Þlūlj in the left-right twin Higgs model at the ILC. <i>Physical Review D</i> , 2017 , 96,	4.9	3
112	Attenuation effect and neutrino oscillation tomography. <i>Physical Review D</i> , 2017 , 96,	4.9	4
111	Enhanced photon traps for Hyper-Kamiokande. 2017 , 12, P11021-P11021		2

Low-energy triggering for Hyper-Kamiokande. **2017**, 888, 012097

109	Cherenkov radiation-based three-dimensional position-sensitive PET detector: A Monte Carlo study. 2018 , 45, 1999-2008		12
108	Neutrinos, DUNE and the world best bound on CPT invariance. 2018, 780, 631-637		19
107	Introduction and Motivation. Springer Theses, 2018, 1-14	0.1	
106	Neutrino masses and their ordering: global data, priors and models. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018 , 2018, 011-011	6.4	54
105	Helioseismic and neutrino data-driven reconstruction of solar properties. 2018 , 477, 1397-1413		6
104	Probing secret interactions of eV-scale sterile neutrinos with the diffuse supernova neutrino background. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018 , 2018, 019-019	6.4	21
103	Dark matter-neutrino interactions through the lens of their cosmological implications. <i>Physical Review D</i> , 2018 , 97,	4.9	28
102	Test measurement of 7Be(p,(gamma))8B with the recoil mass separator ERNA. 2018, 54, 1		7
101	Neutrino Oscillations and Non-standard Interactions. Frontiers in Physics, 2018, 6,	3.9	135
100	New developments in calorimetric particle detection. <i>Progress in Particle and Nuclear Physics</i> , 2018 , 103, 109-161	10.6	2
99	Neutrino interferometry for high-precision tests of Lorentz symmetry with IceCube. 2018 , 14, 961-966		37
98	Constraining sterile neutrino cosmology with terrestrial oscillation experiments. <i>Physical Review D</i> , 2019 , 100,	4.9	12
97	Sub-GeV Atmospheric Neutrinos and CP Violation in DUNE. 2019 , 123, 081801		12
96	Nonuniversal U(1)X extension to the MSSM with three families. <i>Physical Review D</i> , 2019 , 100,	4.9	4
95	DUNE as the Next-Generation Solar Neutrino Experiment. 2019 , 123, 131803		35
94	The Solar Neutrino Problem as Evidence of New Interaction. 2019 , 129, 973-984		1
93	Highlight Talk from Super-Kamiokande. <i>Universe</i> , 2019 , 5, 20	2.5	

92	Imaging with naturally occurring radiation. 2019 , 145, 223-239		2
91	Physics with reactor neutrinos. 2019 , 82, 036201		9
90	Measurement of the radon concentration in purified water in the Super-Kamiokande IV detector. 2020 , 977, 164297		7
89	Oscillation tomography of the Earth with solar neutrinos and future experiments. <i>Physical Review D</i> , 2020 , 101,	4.9	5
88	Latest result of solar neutrino analysis in Super-Kamiokande. 2020 , 1468, 012189		
87	Search for exotic neutrino-electron interactions using solar neutrinos in XMASS-I. 2020 , 809, 135741		4
86	Reactor antineutrino oscillations at Super-Kamiokande. 2020 , 809, 135751		2
85	GAMBIT and its application in the search for physics Beyond the Standard Model. <i>Progress in Particle and Nuclear Physics</i> , 2020 , 113, 103769	10.6	6
84	Solar neutrino limits on decoherence. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 012-0	18 .4	2
83	Improved measurement of B8 solar neutrinos with 1.5 kt[]y of Borexino exposure. <i>Physical Review D</i> , 2020 , 101,	4.9	11
82	Recent Solar neutrino Results from Super-Kamiokande. 2020 , 1342, 012037		1
81	Cherenkov counting. 2020 , 393-530		
80	Effective Neutrino Masses from Four Flavor Neutrino Mixing Matrix. 2021 , 60, 781-792		
79	Damped neutrino oscillations in a conformal coupling model. <i>Physical Review D</i> , 2021 , 103,	4.9	2
78	The future of high-energy astrophysical neutrino flavor measurements. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021 , 2021, 054	6.4	10
77	Prospects for beyond the Standard Model physics searches at the Deep Underground Neutrino Experiment: DUNE Collaboration. <i>European Physical Journal C</i> , 2021 , 81, 322	4.2	14
76	Existing and expected manifestations of a new fundamental interaction. <i>International Journal of Modern Physics E</i> , 2021 , 30, 2150052	0.7	
75	Strengthening the bound on the mass of the lightest neutrino with terrestrial and cosmological experiments. <i>Physical Review D</i> , 2021 , 103,	4.9	8

(2019-2021)

74	From Peccei Quinn symmetry to mass hierarchy problem. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2021 , 48, 095002	2.9	0
73	Dark matter annihilation to neutrinos. Reviews of Modern Physics, 2021, 93,	40.5	9
72	Sterile neutrinos. <i>Physics Reports</i> , 2021 , 928, 1-63	27.7	17
71	Neutrino Astronomy. 2018 , 195-355		1
70	High Energy Astrophysics. 2011 ,		293
69	Numerical Study of Stellar Core Collapse and Neutrino Emission: Probing the Spherically Symmetric Black Hole Progenitors with 3B0M?Iron Cores. <i>Astrophysical Journal</i> , 2007 , 666, 1140-1151	4.7	19
68	On experiments in Underground Physics. <i>Uspekhi Fizicheskikh Nauk</i> , 2013 , 183, 315-323	0.5	1
67	Solar neutrino experiments. <i>Uspekhi Fizicheskikh Nauk</i> , 2014 , 184, 555-567	0.5	5
66	Neutrino Mass Ordering from Oscillations and Beyond: 2018 Status and Future Prospects. <i>Frontiers in Astronomy and Space Sciences</i> , 2018 , 5,	3.8	93
65	A New Concept for Kilotonne Scale Liquid Argon Time Projection Chambers. <i>Instruments</i> , 2020 , 4, 6	1.2	1
64	11.2 Solar Neutrinos. Landolt-Banstein - Group I Elementary Particles, Nuclei and Atoms, 2008 , 492-504		
63	Neutrinos from Stars. Advanced Topics in Science and Technology in China, 2011, 213-248	0.2	
62	References. 2011 , 411-441		
61	Solar Neutrino Observations. <i>Springer Theses</i> , 2014 , 23-41	0.1	
60	Nuclear Fusion. <i>Undergraduate Lecture Notes in Physics</i> , 2014 , 299-324	0.1	
59	Latest Results from Super-Kamiokande. 2014 ,		
58	Introduction to Neutrino Physics. Springer Theses, 2016, 1-22	0.1	
57	Introduction and Theoretical Background. Springer Theses, 2019 , 1-45	0.1	

56	Cherenkov detectors. 2020 , 437-476
55	Introduction. 2020 , 1-2
54	Non-electronic detectors. 2020 , 157-170
53	Transition radiation detectors. 2020 , 477-498
52	References. 2020 , 847-922
51	Signal formation by moving charges. 2020 , 127-156
50	Semiconductor detectors. 2020 , 255-372
49	Interactions of particles with matter. 2020 , 23-88
48	The Sun, neutrinos and Super-Kamiokande. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 2020 , 96, 204-233
47	Particle identification. 2020 , 543-580
46	Trigger and data acquisition systems. 2020 , 795-814
45	Scintillation detectors. 2020 , 499-542
44	Particle Detectors. 2020 ,
43	Movement of charge carriers in electric and magnetic fields. 2020 , 89-126
42	Photodetectors. 2020 , 405-436
41	Calorimeters. 2020 , 581-654
40	Signal processing, readout and noise. 2020 , 711-794
39	Track reconstruction and momentum measurement. 2020 , 373-404

 $38\,$ Detectors for cosmic particles, neutrinos and exotic matter. **2020**, 655-710

37	Gas-filled detectors. 2020 , 171-254		
36	Overview, history and concepts. 2020 , 3-22		
35	References. Astronomy and Astrophysics Library, 2009 , 411-522	0.2	1
34	NuFIT: Three-Flavour Global Analyses of Neutrino Oscillation Experiments. <i>Universe</i> , 2021 , 7, 459	2.5	4
33	Impact of COHERENT measurements, cross section uncertainties and new interactions on the neutrino floor. <i>Journal of Cosmology and Astroparticle Physics</i> , 2022 , 2022, 055	6.4	1
32	Status and perspectives of neutrino physics. Progress in Particle and Nuclear Physics, 2022, 103947	10.6	0
31	Testing sterile neutrino mixing with present and future solar neutrino data. <i>European Physical Journal C</i> , 2022 , 82, 1	4.2	O
30	Diffuse supernova neutrino background search at Super-Kamiokande. <i>Physical Review D</i> , 2021 , 104,	4.9	4
29	?????????????????. Scientia Sinica: Physica, Mechanica Et Astronomica, 2022 ,	1.5	
28	History of solar neutrino observations. Progress of Theoretical and Experimental Physics,	5.4	
27	Neutrino oscillation phenomenology and impact of Professor Masatoshi Koshiba. <i>Progress of Theoretical and Experimental Physics</i> ,	5.4	
26	Oscillating Neutrino Mass States and Double Beta Decay. <i>Physics of Atomic Nuclei</i> , 2021 , 84, 1203-1213	0.4	
25	JUNO prospects for determining the neutrino mass ordering. <i>Physical Review D</i> , 2021 , 104,	4.9	1
24	Some Aspects About Pushing the CPT and Lorentz Invariance Frontier With Neutrinos. <i>Frontiers in Physics</i> , 2022 , 10,	3.9	0
23	Abundances of Uranium and Thorium Elements in Earth Estimated by Geoneutrino Spectroscopy. 2022 , 49,		O
22	Sterile Neutrino Search with MicroBooNE Electron Neutrino Disappearance Data. 2022, 129,		0
21	Msw Effect, and Non-Standard Neutrino Interaction Induced by Conformal Coupling.		O

20	Independent determination of the Earth orbital parameters with solar neutrinos in Borexino. 2022 , 102778	O
19	Diffusion effects in drift chambers. 2020 , 823-824	O
18	Laplace transform. 2020 , 845-848	О
17	Ionisation statistics in drift chambers. 2020 , 825-826	O
16	Fitting of track models. 2020 , 837-840	О
15	Copyright Page. 2020 , iv-iv	O
14	Physical noise sources. 2020 , 849-854	О
13	Position resolution of structured electrodes. 2020 , 827-836	О
12	LPM effect. 2020 , 841-844	О
11	Dosimetry and radioactive sources. 2020 , 815-818	O
10	Preface. 2020 , v-vi	O
9	Abbreviations. 2020 , 911-914	О
8	Weighting potential of segmented electrodes. 2020 , 819-822	О
7	Searching for Supernova Bursts in Super-Kamiokande IV. 2022 , 938, 35	O
6	Current and future neutrino limits on the abundance of primordial black holes. 2022, 2022, 068	1
5	Improved Measurement of Solar Neutrinos from the Carbon-Nitrogen-Oxygen Cycle by Borexino and Its Implications for the Standard Solar Model. 2022 , 129,	O
4	Reconstruction algorithm for a novel Cherenkov scintillation detector. 2023, 18, P02004	0
3	Constraining feeble neutrino interactions with ultralight dark matter. 2023 , 107,	O

Solar neutrino physics. **2023**, 104043

О

Discriminating between Lorentz violation and non-standard interactions using core-passing atmospheric neutrinos at INO-ICAL. **2023**, 841, 137949

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