

Jos W F Valle

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

393
papers

21,861
citations

71
h-index

133
g-index

406
ext. papers

23,478
ext. citations

4.3
avg, IF

7.1
L-index

#	Paper	IF	Citations
393	Scotogenic neutrino masses with gauged matter parity and gauge coupling unification. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	0
392	High-energy colliders as a probe of neutrino properties. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2022 , 137110	4.2	0
391	Electroweak symmetry breaking in the inverse seesaw mechanism. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	2
390	Trimaximal neutrino mixing from scotogenic A4 family symmetry. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021 , 815, 136122	4.2	1
389	Phenomenology of fermion dark matter as neutrino mass mediator with gauged B-L. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021 , 817, 136292	4.2	3
388	Dynamical inverse seesaw mechanism as a simple benchmark for electroweak breaking and Higgs boson studies. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	2
387	The simplest scoto-seesaw model: WIMP dark matter phenomenology and Higgs vacuum stability. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021 , 819, 136458	4.2	3
386	Dark matter as the origin of neutrino mass in the inverse seesaw mechanism. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021 , 821, 136609	4.2	1
385	Simple theory for scotogenic dark matter with residual matter-parity. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020 , 809, 135757	4.2	10
384	Reloading the axion in a 3-3-1 setup. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020 , 810, 135829	4.2	0
383	Predictions from warped flavor dynamics based on the T? family group. <i>Physical Review D</i> , 2020 , 102,	4.9	8
382	Volume III. DUNE far detector technical coordination. <i>Journal of Instrumentation</i> , 2020 , 15, T08009-T08009		8
381	Phenomenology of scotogenic scalar dark matter. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	13
380	Dark matter stability from Dirac neutrinos in scotogenic 3-3-1-1 theory. <i>Physical Review D</i> , 2020 , 102,	4.9	6
379	Probing new neutral gauge bosons with CE ν NS and neutrino-electron scattering. <i>Physical Review D</i> , 2020 , 101,	4.9	12
378	A theory for scotogenic dark matter stabilised by residual gauge symmetry. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020 , 802, 135254	4.2	9
377	Flavour and CP predictions from orbifold compactification. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020 , 801, 135195	4.2	8

376	Scotogenic dark matter and Dirac neutrinos from unbroken gauged $B-L$ symmetry. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020 , 807, 135537	4.2	6
375	Probing the predictions of an orbifold theory of flavor. <i>Physical Review D</i> , 2020 , 101,	4.9	4
374	Implications of the first detection of coherent elastic neutrino-nucleus scattering (CEvNS) with liquid Argon. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	17
373	Volume I. Introduction to DUNE. <i>Journal of Instrumentation</i> , 2020 , 15, T08008-T08008	1	67
372	XENON1T signal from transition neutrino magnetic moments. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020 , 808, 135685	4.2	21
371	Cornering (quasi) degenerate neutrinos with cosmology. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	2
370	Scotogenic dark matter in an orbifold theory of flavor. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	0
369	First results on ProtoDUNE-SP liquid argon time projection chamber performance from a beam test at the CERN Neutrino Platform. <i>Journal of Instrumentation</i> , 2020 , 15, P12004-P12004	1	29
368	Gravitational footprints of massive neutrinos and lepton number breaking. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020 , 807, 135577	4.2	5
367	Consistency of the dynamical high-scale type-I seesaw mechanism. <i>Physical Review D</i> , 2020 , 101,	4.9	5
366	Dirac neutrinos from Peccei-Quinn symmetry: A fresh look at the axion. <i>Modern Physics Letters A</i> , 2020 , 35, 2050176	1.3	4
365	Volume IV. The DUNE far detector single-phase technology. <i>Journal of Instrumentation</i> , 2020 , 15, T08010-T08010		
364	Scotogenic dark matter stability from gauged matter parity. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019 , 798, 135013	4.2	10
363	Status and prospects of Bi-large lepton mixing. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019 , 796, 162-167	4.2	5
362	Simplest scoto-seesaw mechanism. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019 , 789, 132-136	4.2	15
361	Predicting neutrino oscillations with Bi-large lepton mixing matrices. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019 , 792, 461-464	4.2	5
360	Bound-state dark matter with Majorana neutrinos. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019 , 790, 303-307	4.2	11
359	Spontaneous Breaking of Lepton Number and the Cosmological Domain Wall Problem. <i>Physical Review Letters</i> , 2019 , 122, 151301	7.4	6

358	Asymmetric dark matter, inflation, and leptogenesis from $B\bar{L}$ symmetry breaking. <i>Physical Review D</i> , 2019 , 99,	4.9	14
357	CP symmetries as guiding posts: revamping tri-bi-maximal mixing. Part I. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	5
356	Testing generalized CP symmetries with precision studies at DUNE. <i>Physical Review D</i> , 2019 , 99,	4.9	8
355	Probing neutrino transition magnetic moments with coherent elastic neutrino-nucleus scattering. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	35
354	Light majoron cold dark matter from topological defects and the formation of boson stars. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019 , 2019, 029-029	6.4	8
353	CP symmetries as guiding posts: Revamping tribimaximal mixing. II.. <i>Physical Review D</i> , 2019 , 100,	4.9	5
352	Neutrino predictions from a left-right symmetric flavored extension of the standard model. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	15
351	Electroweak breaking and Higgs boson profile in the simplest linear seesaw model. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	3
350	Flavour-symmetric type-II Dirac neutrino seesaw mechanism. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 779, 257-261	4.2	20
349	The dark side of flipped trinification. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	18
348	Neutrino predictions from generalized CP symmetries of charged leptons. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	12
347	Seesaw Dirac neutrino mass through dimension-six operators. <i>Physical Review D</i> , 2018 , 98,	4.9	21
346	Testing a lepton quarticity flavor theory of neutrino oscillations with the DUNE experiment. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 778, 459-463	4.2	16
345	Can one ever prove that neutrinos are Dirac particles?. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 781, 302-305	4.2	20
344	SU(6) Grand Unification of 3-3-1 Model. <i>Springer Proceedings in Physics</i> , 2018 , 377-380	0.2	
343	Seesaw roadmap to neutrino mass and dark matter. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 781, 122-128	4.2	46
342	Inverse seesaw mechanism with compact supersymmetry: Enhanced naturalness and light superpartners. <i>Physical Review D</i> , 2018 , 98,	4.9	2
341	New Physics Landmarks: Dark Matter and Neutrino Masses. <i>Advances in High Energy Physics</i> , 2018 , 2018, 1-2	1	1

340	Realistic tribimaximal neutrino mixing. <i>Physical Review D</i> , 2018 , 98,	4.9	12
339	SO(3) family symmetry and axions. <i>Physical Review D</i> , 2018 , 98,	4.9	12
338	U(1) \times B \times L \times L \times 2 gauge symmetry as a simple description of b-anomalies. <i>Physical Review D</i> , 2018 , 98,	4.9	24
337	Decaying warm dark matter and structure formation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018 , 2018, 026-026	6.4	11
336	Zooming in on neutrino oscillations with DUNE. <i>Physical Review D</i> , 2018 , 97,	4.9	18
335	Exploring the potential of short-baseline physics at Fermilab. <i>Physical Review D</i> , 2018 , 97,	4.9	10
334	Status of neutrino oscillations 2018: 3hint for normal mass ordering and improved CP sensitivity. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 782, 633-640	4.2	372
333	Bound-state dark matter and Dirac neutrino masses. <i>Physical Review D</i> , 2018 , 97,	4.9	22
332	Unifying left-right symmetry and 331 electroweak theories. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 766, 35-40	4.2	15
331	A White Paper on keV sterile neutrino Dark Matter. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017 , 2017, 025-025	6.4	167
330	Measuring the leptonic CP phase in neutrino oscillations with nonunitary mixing. <i>Physical Review D</i> , 2017 , 95,	4.9	23
329	Dirac neutrinos and dark matter stability from lepton quarticity. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 767, 209-213	4.2	53
328	Heavy Higgs boson production at colliders in the singlet-triplet scotogenic dark matter model. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	10
327	Probing atmospheric mixing and leptonic CP violation in current and future long baseline oscillation experiments. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 771, 524-531	4.2	17
326	Predictive Pati-Salam theory of fermion masses and mixing. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	21
325	A model of comprehensive unification. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 774, 667-670	4.2	16
324	Probing CP violation with non-unitary mixing in long-baseline neutrino oscillation experiments: DUNE as a case study. <i>New Journal of Physics</i> , 2017 , 19, 093005	2.9	45
323	Matter-parity as a residual gauge symmetry: Probing a theory of cosmological dark matter. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 772, 825-831	4.2	32

322	Generalized bottom-tau unification, neutrino oscillations and dark matter: Predictions from a lepton quarticity flavor approach. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 773, 26-33	4.2	34
321	Cornering the revamped BMV model with neutrino oscillation data. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 774, 179-182	4.2	13
320	Three-family left-right symmetry with low-scale seesaw mechanism. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	9
319	Towards gauge coupling unification in left-right symmetric $SU(3)_C \times U(3)_L \times U(3)_R \times U(1)_X$ theories. <i>Physical Review D</i> , 2017 , 96,	4.9	17
318	Probing light sterile neutrino signatures at reactor and Spallation Neutron Source neutrino experiments. <i>Physical Review D</i> , 2017 , 96,	4.9	38
317	Resolving the atmospheric octant by an improved measurement of the reactor angle. <i>Physical Review D</i> , 2017 , 96,	4.9	6
316	Neutrino oscillations from warped flavor symmetry: Predictions for long baseline experiments T2K, NOvA, and DUNE. <i>Physical Review D</i> , 2017 , 95,	4.9	9
315	Classifying CP transformations according to their texture zeros: Theory and implications. <i>Physical Review D</i> , 2016 , 94,	4.9	24
314	Flavor physics scenario for the 750 GeV diphoton anomaly. <i>Physical Review D</i> , 2016 , 93,	4.9	11
313	Warped flavor symmetry predictions for neutrino physics. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	35
312	Addendum to [Updating neutrino magnetic moment constraints [Phys. Lett. B 753 (2016) 191-198]]. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 757, 568	4.2	11
311	Generalized \mathbb{Z}_2 reflection symmetry and leptonic CP violation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 753, 644-652	4.2	53
310	Vacuum stability with spontaneous violation of lepton number. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 756, 345-349	4.2	17
309	Updating neutrino magnetic moment constraints. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 753, 191-198	4.2	29
308	Consistency of WIMP Dark Matter as radiative neutrino mass messenger. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	21
307	Electroweak breaking and neutrino mass: Invisible Higgs decays at the LHC (type II seesaw). <i>New Journal of Physics</i> , 2016 , 18, 033033	2.9	14
306	Constraining flavor changing interactions from LHC Run-2 dilepton bounds with vector mediators. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 763, 269-274	4.2	31
305	Neutrino oscillations and the seesaw origin of neutrino mass. <i>Nuclear Physics B</i> , 2016 , 908, 436-455	2.8	23

304	Realistic $SU(3)_C \times SU(3)_L \times U(1)_X$ model with a type II Dirac neutrino seesaw mechanism. <i>Physical Review D</i> , 2016 , 94,	4.9	30
303	Dynamical seesaw mechanism for Dirac neutrinos. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 755, 363-366	4.2	32
302	String completion of an $SU(3)_C \times SU(3)_L \times U(1)_X$ electroweak model. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 759, 471-478	4.2	21
301	Two-loop Dirac neutrino mass and WIMP dark matter. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 762, 214-218	4.2	64
300	331 models and grand unification: From minimal $SU(5)$ to minimal $SU(6)$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 762, 432-440	4.2	17
299	Constraining right-handed neutrinos. <i>Nuclear and Particle Physics Proceedings</i> , 2016 , 273-275, 1909-1914	4.4	1
298	Naturally light neutrinos in Dirac model. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 762, 162-165	4.2	27
297	CP violation from flavor symmetry in a lepton quarticity dark matter model. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 761, 431-436	4.2	24
296	The weak mixing angle from low energy neutrino measurements: A global update. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 761, 450-455	4.2	9
295	New Ambiguity in Probing CP Violation in Neutrino Oscillations. <i>Physical Review Letters</i> , 2016 , 117, 061804	4.4	37
294	Small neutrino masses and gauge coupling unification. <i>Physical Review D</i> , 2015 , 91,	4.9	28
293	Neutrino mass and invisible Higgs decays at the LHC. <i>Physical Review D</i> , 2015 , 91,	4.9	23
292	The Cabibbo angle as a universal seed for quark and lepton mixings. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 748, 1-4	4.2	9
291	Status and Implications of Neutrino Masses: A Brief Panorama. <i>Advanced Series on Directions in High Energy Physics</i> , 2015 , 25-37	0	
290	Predicting charged lepton flavor violation from 3-3-1 gauge symmetry. <i>Physical Review D</i> , 2015 , 92,	4.9	47
289	Consistency of the triplet seesaw model revisited. <i>Physical Review D</i> , 2015 , 92,	4.9	34
288	Probing neutrino magnetic moments at the Spallation Neutron Source facility. <i>Physical Review D</i> , 2015 , 92,	4.9	34
287	On the description of nonunitary neutrino mixing. <i>Physical Review D</i> , 2015 , 92,	4.9	63

286	Are the B decay anomalies related to neutrino oscillations?. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 750, 367-371	4.2	26
285	Status and implications of neutrino masses: A brief panorama. <i>International Journal of Modern Physics A</i> , 2015 , 30, 1530034	1.2	1
284	Sensitivities to neutrino electromagnetic properties at the TEXONO experiment. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 750, 459-465	4.2	17
283	Relating quarks and leptons with the T 7 flavour group. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 742, 99-106	4.2	30
282	Neutrino masses: evidences and implications. <i>Journal of Physics: Conference Series</i> , 2014 , 485, 012005	0.3	
281	Constraints on majoron dark matter from cosmic microwave background and astrophysical observations. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014 , 742, 154-157	1.2	3
280	Leptogenesis with a dynamical seesaw scale. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014 , 2014, 052-052	6.4	15
279	Testing the Standard Model and beyond with the LENA proposal. <i>Journal of Physics: Conference Series</i> , 2014 , 485, 012044	0.3	
278	Planck-scale effects on WIMP dark matter. <i>Frontiers in Physics</i> , 2014 , 1,	3.9	3
277	Neutrino oscillations refitted. <i>Physical Review D</i> , 2014 , 90,	4.9	334
276	The Low-Scale Approach to Neutrino Masses. <i>Advances in High Energy Physics</i> , 2014 , 2014, 1-15	1	88
275	Inflation and majoron dark matter in the neutrino seesaw mechanism. <i>Physical Review D</i> , 2014 , 90,	4.9	24
274	Is charged lepton flavor violation a high energy phenomenon?. <i>Physical Review D</i> , 2014 , 89,	4.9	33
273	Dirac neutrinos from flavor symmetry. <i>Physical Review D</i> , 2014 , 89,	4.9	50
272	Radiative neutrino mass in 3-3-1 scheme. <i>Physical Review D</i> , 2014 , 90,	4.9	37
271	Accidental stability of dark matter. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	12
270	QuarkLepton mass relation in a realistic A4 extension of the Standard Model. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 724, 68-72	4.2	48
269	WIMP dark matter as radiative neutrino mass messenger. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	36

268	Bilinear R-parity violation with flavor symmetry. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	7
267	Neutrino mixing with revamped A4 flavor symmetry. <i>Physical Review D</i> , 2013 , 88,	4.9	18
266	Neutrino masses and mixing: a flavour symmetry roadmap. <i>Fortschritte Der Physik</i> , 2013 , 61, 466-492	5.7	45
265	Quark-lepton mass relation and CKM mixing in an A4 extension of the minimal supersymmetric standard model. <i>Physical Review D</i> , 2013 , 88,	4.9	45
264	Bilarge neutrino mixing and Abelian flavor symmetry. <i>Physical Review D</i> , 2013 , 87,	4.9	13
263	Updated CMB and x- and γ -ray constraints on Majoron dark matter. <i>Physical Review D</i> , 2013 , 88,	4.9	42
262	Low-energy neutrino-electron scattering as a standard model probe: The potential of LENA as case study. <i>Physical Review D</i> , 2012 , 85,	4.9	14
261	Predictive discrete dark matter model and neutrino oscillations. <i>Physical Review D</i> , 2012 , 86,	4.9	18
260	Gravitino dark matter and neutrino masses with bilinear R-parity violation. <i>Physical Review D</i> , 2012 , 85,	4.9	24
259	Constraining neutrinoless double beta decay. <i>Nuclear Physics B</i> , 2012 , 861, 259-270	2.8	43
258	Global status of neutrino oscillation parameters after Neutrino-2012. <i>Physical Review D</i> , 2012 , 86,	4.9	352
257	Understanding and Probing Neutrinos. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2012 , 229-232, 23-29		2
256	Lepton asymmetries and primordial hypermagnetic helicity evolution. <i>Journal of Cosmology and Astroparticle Physics</i> , 2012 , 2012, 008-008	6.4	26
255	Heavy neutrinos and lepton flavor violation in left-right symmetric models at the LHC. <i>Physical Review D</i> , 2012 , 86,	4.9	86
254	New neutrino mass sum rule from the inverse seesaw mechanism. <i>Physical Review D</i> , 2012 , 86,	4.9	24
253	Probing neutralino properties in minimal supergravity with bilinear R-parity violation. <i>Physical Review D</i> , 2012 , 86,	4.9	10
252	Flavor in heavy neutrino searches at the LHC. <i>Physical Review D</i> , 2012 , 85,	4.9	29
251	Bilarge neutrino mixing and the Cabibbo angle. <i>Physical Review D</i> , 2012 , 86,	4.9	23

250	Neutrinos and dark matter. <i>Journal of Physics: Conference Series</i> , 2012 , 384, 012022	0.3	2
249	Global neutrino data and recent reactor fluxes: the status of three-flavour oscillation parameters. <i>New Journal of Physics</i> , 2011 , 13, 063004	2.9	155
248	Phenomenology of dark matter from A 4 flavor symmetry. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	42
247	Lepton flavor violation and non-unitary lepton mixing in low-scale type-I seesaw. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	70
246	Symmetrical parametrizations of the lepton mixing matrix. <i>Physical Review D</i> , 2011 , 84,	4.9	52
245	Global constraints on muon-neutrino nonstandard interactions. <i>Physical Review D</i> , 2011 , 83,	4.9	35
244	Chern-Simons anomaly as polarization effect. <i>Journal of Cosmology and Astroparticle Physics</i> , 2011 , 2011, 048-048	6.4	17
243	Relating quarks and leptons without grand unification. <i>Physical Review D</i> , 2011 , 84,	4.9	23
242	Where we are on 13: addendum to Global neutrino data and recent reactor fluxes: status of three-flavor oscillation parameters. <i>New Journal of Physics</i> , 2011 , 13, 109401	2.9	185
241	Probing neutrino oscillations in supersymmetric models at the Large Hadron Collider. <i>Physical Review D</i> , 2010 , 82,	4.9	13
240	Neutrino mass in supersymmetry 2010 ,		1
239	A4-based neutrino masses with Majoron decaying dark matter. <i>Physical Review D</i> , 2010 , 82,	4.9	21
238	Discrete dark matter. <i>Physical Review D</i> , 2010 , 82,	4.9	56
237	Calculable inverse-seesaw neutrino masses in supersymmetry. <i>Physical Review D</i> , 2010 , 81,	4.9	23
236	Interplay between collective effects and nonstandard interactions of supernova neutrinos. <i>Physical Review D</i> , 2010 , 81,	4.9	14
235	Constraining nonstandard neutrino-quark interactions with solar, reactor and accelerator data. <i>Journal of Physics: Conference Series</i> , 2010 , 259, 012091	0.3	2
234	Progress in the understanding of neutrino properties. <i>Journal of Physics: Conference Series</i> , 2010 , 203, 012009	0.3	3
233	The Hunt for New Physics at the Large Hadron Collider. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2010 , 200-202, 185-417		99

232	Finding the Higgs boson through supersymmetry. <i>Physical Review D</i> , 2009 , 80,	4.9	4
231	Physics at a future Neutrino Factory and super-beam facility. <i>Reports on Progress in Physics</i> , 2009 , 72, 106201	14.4	147
230	Flavour violation at the LHC: type-I versus type-II seesaw in minimal supergravity. <i>Journal of High Energy Physics</i> , 2009 , 2009, 003-003	5.4	33
229	Neutrinos as cosmic messengers 2009 ,		1
228	A4-based tri-bimaximal mixing within inverse and linear seesaw schemes. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 679, 454-459	4.2	73
227	Modelling tribimaximal neutrino mixing. <i>Physical Review D</i> , 2009 , 79,	4.9	22
226	Neutrino masses, leptogenesis, and dark matter in a hybrid seesaw model. <i>Physical Review D</i> , 2009 , 79,	4.9	23
225	Inverse tribimaximal type-III seesaw mechanism and lepton flavor violation. <i>Physical Review D</i> , 2009 , 80,	4.9	33
224	Confusing nonzero θ_{13} with nonstandard interactions in the solar neutrino sector. <i>Physical Review D</i> , 2009 , 80,	4.9	33
223	Probing nonstandard neutrino-electron interactions with solar and reactor neutrinos. <i>Physical Review D</i> , 2009 , 79,	4.9	67
222	Constraining nonstandard neutrino-quark interactions with solar, reactor, and accelerator data. <i>Physical Review D</i> , 2009 , 80,	4.9	48
221	Is the baryon asymmetry of the Universe related to galactic magnetic fields?. <i>Physical Review D</i> , 2009 , 80,	4.9	25
220	Constraining nonstandard neutrino-electron interactions. <i>Physical Review D</i> , 2008 , 77,	4.9	67
219	Three-flavour neutrino oscillation update. <i>New Journal of Physics</i> , 2008 , 10, 113011	2.9	461
218	Probing minimal supergravity in the type-I seesaw mechanism with lepton flavor violation at the CERN LHC. <i>Physical Review D</i> , 2008 , 78,	4.9	31
217	Tribimaximal neutrino mixing and neutrinoless double beta decay. <i>Physical Review D</i> , 2008 , 78,	4.9	55
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30	Late baryogenesis in superstring models. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1987 , 186, 303-308	4.2	23
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