Jos W F Valle

List of Publications by Citations

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	Neutrino masses in SU(2) ? U(1) theories. *Physical Review D*, **1980**, 22, 2227-2235	4.9	1991
392	Neutrino mass and baryon-number nonconservation in superstring models. *Physical Review D*, **1986**, 34, 1642-1645	4.9	753
391	Status of global fits to neutrino oscillations. *New Journal of Physics*, **2004**, 6, 122-122	2.9	676
390	Neutrino decay and spontaneous violation of lepton number. *Physical Review D*, **1982**, 25, 774-783	4.9	666
389	Underlying A4 symmetry for the neutrino mass matrix and the quark mixing matrix. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2003**, 552, 207-213	4.2	554
388	Neutrinoless double- decay in SU(2)U(1) theories. *Physical Review D*, **1982**, 25, 2951-2954	4.9	501
387	Three-flavour neutrino oscillation update. *New Journal of Physics*, **2008**, 10, 113011	2.9	461
386	Status of neutrino oscillations 2018: 3 hint for normal mass ordering and improved CP sensitivity. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2018**, 782, 633-640	4.2	372
385	Global status of neutrino oscillation parameters after Neutrino-2012. *Physical Review D*, **2012**, 86,	4.9	352
384	Supersymmetric models without R parity. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1985**, 151, 375-381	4.2	347
383	Neutrino oscillations refitted. *Physical Review D*, **2014**, 90,	4.9	334
382	Phenomenology of supersymmetry with broken R-parity. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1985**, 150, 142-148	4.2	306
381	Lepton flavour non-conservation at high energies in a superstring inspired standard model. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1987**, 187, 303-308	4.2	266
380	Fast decaying neutrinos and observable flavour violation in a new class of majoron models. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1989**, 216, 360-366	4.2	264
379	Supersymmetric SO10 seesaw mechanism with low B-L scale. *Physical Review Letters*, **2005**, 95, 161801	7.4	242
378	Majorana neutrinos and magnetic fields. *Physical Review D*, **1981**, 24, 1883-1889	4.9	233
377	Canonical neutral-current predictions from the weak-electromagnetic gauge group SU(3) U(1). *Physical Review D*, **1980**, 22, 738-743	4.9	225

376	A model for spontaneous R parity breaking. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1990**, 251, 273-278	4.2	210
375	Reconciling dark matter, solar and atmospheric neutrinos. *Nuclear Physics B*, **1993**, 406, 409-422	2.8	205
374	Supersymmetry parameter analysis: SPA convention and project. *European Physical Journal C*, **2006**, 46, 43-60	4.2	203
373	Where we are on θ13: addendum to 'Global neutrino data and recent reactor fluxes: status of three-flavor oscillation parameters'. *New Journal of Physics*, **2011**, 13, 109401	2.9	185
372	Resonant oscillations of massless neutrinos in matter. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1987**, 199, 432-436	4.2	184
371	A White Paper on keV sterile neutrino Dark Matter. *Journal of Cosmology and Astroparticle Physics*, **2017**, 2017, 025-025	6.4	167
370	Neutrino-oscillation thought experiment. *Physical Review D*, **1981**, 23, 1666-1668	4.9	156
369	Global neutrino data and recent reactor fluxes: the status of three-flavour oscillation parameters. *New Journal of Physics*, **2011**, 13, 063004	2.9	155
368	CP violation and neutrino oscillations. *Progress in Particle and Nuclear Physics*, **2008**, 60, 338-402	10.6	154
367	Physics at a future Neutrino Factory and super-beam facility. *Reports on Progress in Physics*, **2009**, 72, 106201	14.4	147
366	Dynamical left-right symmetry breaking. *Physical Review D*, **1996**, 53, 2752-2780	4.9	135
365	Reconciling dark matter and solar neutrinos. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1993**, 298, 383-390	4.2	134
364	Enhanced lepton flavor violation in the supersymmetric inverse seesaw model. *Physical Review D*, **2005**, 72,	4.9	130
363	Fast invisible neutrino decays. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1984**, 142, 181-187	4.2	130
362	Left-right symmetry breaking in NJL approach. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1996**, 368, 270-280	4.2	128
361	Spontaneous R parity violation in supersymmetry: A model for solar neutrino oscillations. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1987**, 195, 423-428	4.2	127
360	Status of three-neutrino oscillations after the SNO-salt data. *Physical Review D*, **2003**, 68,	4.9	125
359	Gauge theories and the physics of neutrino mass. *Progress in Particle and Nuclear Physics*, **1991**, 26, 91-171	10.6	124

358	Probing neutrino nonstandard interactions with atmospheric neutrino data. *Physical Review D*, **2001**, 65,	4.9	120
357	Status of the MSW solutions of the solar neutrino problem. *Nuclear Physics B*, **2000**, 573, 3-26	2.8	116
356	Are solar neutrino oscillations robust?. *Journal of High Energy Physics*, **2006**, 2006, 008-008	5.4	114
355	Lepton-number violation with quasi-Dirac neutrinos. *Physical Review D*, **1983**, 28, 540-545	4.9	105
354	Solar neutrino masses and mixing from bilinear R-parity broken supersymmetry: Analytical versus numerical results. *Physical Review D*, **2003**, 68,	4.9	104
353	Ruling out four-neutrino oscillation interpretations of the LSND anomaly?. *Nuclear Physics B*, **2002**, 643, 321-338	2.8	104
352	Atmospheric Neutrino Observations and Flavor Changing Interactions. *Physical Review Letters*, **1999**, 82, 3202-3205	7.4	104
351	Phenomenological tests of supersymmetric A4 family symmetry model of neutrino mass. *Physical Review D*, **2004**, 69,	4.9	102
350	Testing neutrino mixing at future collider experiments. *Physical Review D*, **2001**, 63,	4.9	100
349	How to spontaneously break R parity. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1992**, 288, 311-320	4.2	100
348	The Hunt for New Physics at the Large Hadron Collider. *Nuclear Physics, Section B, Proceedings Supplements*, **2010**, 200-202, 185-417		99
347	Production mechanisms and signatures of isosinglet neutral heavy leptons in Z0 decays. *Nuclear Physics B*, **1990**, 332, 1-19	2.8	97
346	The keV majoron as a dark matter particle. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1993**, 318, 360-366	4.2	96
345	Effective description of quark mixing. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2000**, 492, 98-106	4.2	95
344	Fast neutrino decay in horizontal majoron models. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1983**, 131, 87-90	4.2	92
343	Predictive flavor symmetries of the neutrino mass matrix. *Physical Review Letters*, **2007**, 99, 151802	7.4	90
342	The Low-Scale Approach to Neutrino Masses. *Advances in High Energy Physics*, **2014**, 2014, 1-15	1	88
341	Invisible Higgs decays and neutrino physics. *Nuclear Physics B*, **1993**, 397, 105-122	2.8	88

340	Neutrino masses in supersymmetry with spontaneously broken R-parity. *Nuclear Physics B*, **1992**, 381, 87-108	2.8	87
339	Supersymmetric majoron signatures and solar neutrino oscillations. *Physical Review Letters*, **1988**, 60, 397-400	7.4	87
338	Heavy neutrinos and lepton flavor violation in left-right symmetric models at the LHC. *Physical Review D*, **2012**, 86,	4.9	86
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335	Updated global analysis of the atmospheric neutrino data in terms of neutrino oscillations. *Nuclear Physics B*, **2000**, 580, 58-82	2.8	81
334	Enhanced □□conversion in nuclei in the inverse seesaw model. *Nuclear Physics B*, **2006**, 752, 80-92	2.8	80
333	ENHANCED LEPTON FLAVOR VIOLATION WITH MASSLESS NEUTRINOS: A STUDY OF MUON AND TAU DECAYS. *Modern Physics Letters A*, **1992**, 07, 477-488	1.3	80
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330	Leptonic CP violation with massless neutrinos. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1989**, 225, 385-392	4.2	78
329	Neutrino conversions in a polarized medium. *Nuclear Physics B*, **1997**, 501, 17-40	2.8	75
328	Minimal supergravity scalar neutrino dark matter and inverse seesaw neutrino masses. *Physical Review Letters*, **2008**, 101, 161802	7.4	75
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317	Constraining nonstandard neutrino-electron interactions. *Physical Review D*, **2008**, 77,	4.9	67
316	Isosinglet-neutral heavy-lepton production in Z-decays and neutrino mass. *Nuclear Physics B*, **1990**, 342, 108-126	2.8	67
315	Volume I. Introduction to DUNE. *Journal of Instrumentation*, **2020**, 15, T08008-T08008	1	67
314	Neutrinoless double- decay with quasi-Dirac neutrinos. *Physical Review D*, **1983**, 27, 1672-1674	4.9	65
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310	Status of a hybrid three-neutrino interpretation of neutrino data. *Nuclear Physics B*, **2002**, 629, 479-490	2.8	63
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304	Discrete dark matter. *Physical Review D*, **2010**, 82,	4.9	56
303	Tribimaximal neutrino mixing and neutrinoless double beta decay. *Physical Review D*, **2008**, 78,	4.9	55
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301	Active-active and active-sterile neutrino oscillation solutions to the atmospheric neutrino anomaly. *Nuclear Physics B*, **1999**, 543, 3-19	2.8	54
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299	Generalized reflection symmetry and leptonic CP violation. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2016**, 753, 644-652	4.2	53
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290	Resonant conversion of massless neutrinos in supernovae. *Physical Review D*, **1996**, 54, 4356-4363	4.9	50
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288	Constraining the neutrino magnetic moment with antineutrinos from the sun. *Physical Review Letters*, **2004**, 93, 051304	7.4	49
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