

Petr Vogel

List of Publications by Year in descending order

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26
papers

2,570
citations

471509

17
h-index

677142

22
g-index

28
all docs

28
docs citations

28
times ranked

1363
citing authors

#	ARTICLE	IF	CITATIONS
1	DOUBLEBETADECAY. Annual Review of Nuclear and Particle Science, 2002, 52, 115-151.	10.2	408
2	Anatomy of the $\langle m_{\nu} \rangle$ matrix elements. Physical Review C, 2008, 77, .	2.9	242
3	Assessment of uncertainties in QRPA -decay nuclear matrix elements. Nuclear Physics A, 2006, 766, 107-131.	1.5	248
4	matrix elements, quasiparticle random-phase approximation, and isospin symmetry restoration. Physical Review C, 2013, 87, .	2.9	242
5	Uncertainty in the $\langle m_{\nu} \rangle$ decay nuclear matrix elements. Physical Review C, 2003, 68, .	2.9	192
6	Lepton flavor and number conservation, and physics beyond the standard model. Progress in Particle and Nuclear Physics, 2013, 71, 75-92.	14.4	136
7	Reactor-based neutrino oscillation experiments. Reviews of Modern Physics, 2002, 74, 297-328.	45.6	135
8	Neutrinoless double β decay and effective field theory. Physical Review D, 2003, 68, .	4.7	113
9	Reactor Neutrino Spectra. Annual Review of Nuclear and Particle Science, 2016, 66, 219-244.	10.2	100
10	New Contribution to Scattering of Weakly Interacting Massive Particles on Nuclei. Physical Review Letters, 2003, 91, 231301.	7.8	70
11	Nuclear structure and double beta decay. Journal of Physics C: Nuclear and Particle Physics, 2012, 39, 124002.	3.6	62
12	Spin-dependent WIMPs in DAMA?. Journal of High Energy Physics, 2001, 2001, 044-044.	4.7	55
13	$\langle m_{\nu} \rangle$ nuclear matrix elements and the occupancy of individual orbits. Physical Review C, 2009, 79, .	2.9	53
14	Relation between the $\langle m_{\nu} \rangle$ nuclear matrix elements evaluated in closure approximation, neutrino potentials and SU(4) symmetry. Physical Review C, 2018, 98, .	2.9	46
15	matrix elements reexamined. Physical Review C, 2011, 83, .	2.9	45
16	Conversion of electron spectrum associated with fission into the antineutrino spectrum. Physical Review C, 2007, 76, .	2.9	29
17	Uncertainties in the $\langle m_{\nu} \rangle$ -decay nuclear matrix elements. European Physical Journal D, 2006, 56, 495-503.	0.4	17
18	Shell Model Calculation of the $\langle m_{\nu} \rangle$ and $\langle m_{\nu} \rangle$ +Partial Half-Lives of ^{54}Mn and Other Unique Second Forbidden β Decays. Physical Review Letters, 1998, 81, 281-284.	7.8	13

#	ARTICLE	IF	CITATIONS
19	Muon capture rates: Evaluation within the quasiparticle random phase approximation. Physical Review C, 2020, 102, .	2.9	12
20	Neutron-proton pairing. European Physical Journal D, 1998, 48, 269-276.	0.4	10
21	Double Beta Decay. Nuclear Physics News, 2006, 16, 18-21.	0.4	1
22	Double beta decay in the generalized seniority scheme. Nuclear Physics A, 1990, 507, 239-243.	1.5	0
23	Aspects of the theory of neutrino mass. AIP Conference Proceedings, 1992, , .	0.4	0
24	Anatomy of double beta decay nuclear matrix elements. Journal of Physics: Conference Series, 2009, 173, 012010.	0.4	0
25	NEUTRINO PHYSICS. , 2001, , .		0
26	Massive neutrinos. , 1998, , 213-244.		0