

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	Muon capture rates: Evaluation within the quasiparticle random phase approximation. Physical Review C, 2020, 102, . $\langle m \hat{T} m \rangle$	2.9	12
2	and $\langle m \hat{T} m \rangle$ nuclear matrix elements evaluated in closure approximation, neutrino potentials and SU(4) symmetry. Physical Review C, 2018, 98, . $\langle m \hat{T} m \rangle$	2.9	46
3	Reactor Neutrino Spectra. Annual Review of Nuclear and Particle Science, 2016, 66, 219-244.	10.2	100
4	Lepton flavor and number conservation, and physics beyond the standard model. Progress in Particle and Nuclear Physics, 2013, 71, 75-92.	14.4	136
5	matrix elements, quasiparticle random-phase approximation, and isospin symmetry restoration. Physical Review C, 2013, 87, . $\langle m \hat{T} m \rangle$	2.9	242
6	Nuclear structure and double beta decay. Journal of Physics G: Nuclear and Particle Physics, 2012, 39, 124002.	3.6	62
7	Relation between the $\langle m \hat{T} m \rangle$ matrix elements reexamined. Physical Review C, 2011, 83, . $\langle m \hat{T} m \rangle$	2.9	45
8	$\langle m \hat{T} m \rangle$ nuclear matrix elements and the occupancy of individual orbits. Physical Review C, 2009, 79, .	2.9	53
9	Anatomy of double beta decay nuclear matrix elements. Journal of Physics: Conference Series, 2009, 173, 012010.	0.4	0
10	Anatomy of the $\langle m \hat{T} m \rangle$ matrix elements. Physical Review C, 2008, 77, . $\langle m \hat{T} m \rangle$	2.9	272
11	Conversion of electron spectrum associated with fission into the antineutrino spectrum. Physical Review C, 2007, 76, .	2.9	29
12	Double Beta Decay. Nuclear Physics News, 2006, 16, 18-21.	0.4	1
13	Assessment of uncertainties in QRPA -decay nuclear matrix elements. Nuclear Physics A, 2006, 766, 107-131.	1.5	248
14	Uncertainties in the $\langle m \hat{T} m \rangle$ -decay nuclear matrix elements. European Physical Journal D, 2006, 56, 495-503.	0.4	17
15	Neutrinoless double \hat{T} -decay and effective field theory. Physical Review D, 2003, 68, .	4.7	113
16	Uncertainty in the $\langle m \hat{T} m \rangle$ -decay nuclear matrix elements. Physical Review C, 2003, 68, .	2.9	192
17	New Contribution to Scattering of Weakly Interacting Massive Particles on Nuclei. Physical Review Letters, 2003, 91, 231301.	7.8	70
18	Reactor-based neutrino oscillation experiments. Reviews of Modern Physics, 2002, 74, 297-328.	45.6	135

#	ARTICLE	IF	CITATIONS
19	DOUBLEBETADECAY. Annual Review of Nuclear and Particle Science, 2002, 52, 115-151.	10.2	408
20	Spin-dependent WIMPs in DAMA?. Journal of High Energy Physics, 2001, 2001, 044-044.	4.7	55
21	NEUTRINO PHYSICS. , 2001, , .		0
22	Neutron-proton pairing. European Physical Journal D, 1998, 48, 269-276.	0.4	10
23	Shell Model Calculation of the $\hat{I}^2\hat{a}^{\sim}$ and \hat{I}^2 +Partial Half-Lives of $M54n$ and Other Unique Second Forbidden \hat{I}^2 Decays. Physical Review Letters, 1998, 81, 281-284.	7.8	13
24	Massive neutrinos. , 1998, , 213-244.		0
25	Aspects of the theory of neutrino mass. AIP Conference Proceedings, 1992, , .	0.4	0
26	Double beta decay in the generalized seniority scheme. Nuclear Physics A, 1990, 507, 239-243.	1.5	0