

Raymond Kozub

List of Publications by Year in descending order

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76
papers

1,289
citations

279798

23
h-index

361022

35
g-index

76
all docs

76
docs citations

76
times ranked

855
citing authors

#	ARTICLE	IF	CITATIONS
1	Proton branching ratios of Mg23 levels. Physical Review C, 2022, 105, .	2.9	1
2	First measurement of proton decay from a transfer reaction to Na21. Physical Review C, 2021, 104, .	2.9	2
3	Spin assignments for ^{23}Mg levels and the astrophysical $^{22}\text{Na}(p,\gamma)\text{Tj}$ ETQq1 1 0.784314 rgBT /Ov	2.5	1
4	Proton Decay of ^{21}Na for ^{20}Ne Energy Levels. Journal of the Korean Physical Society, 2020, 77, 383-387.	0.7	0
5	Particle decay of astrophysically-important ^{19}Ne levels. Journal of Physics: Conference Series, 2019, 1308, 012004.	0.4	3
6	Direct neutron capture cross section on Ge80 and probing shape coexistence in neutron-rich nuclei. Physical Review C, 2019, 100, .	2.9	5
7	<p>Constraining spectroscopic factors near the r-process path using combined measurements:</p> <p>^{86}Kr</p>		

#	ARTICLE	IF	CITATIONS
55	First experimental constraints on the interference of ^{32}S resonances in the $^{18}\text{F}(p, \hat{1}\pm)^{15}\text{O}$ reaction. Physical Review C, 2006, 74, .	2.9	29
56	New ^{19}Ne resonance observed using an exotic ^{18}F beam. European Physical Journal A, 2005, 25, 643-644.	2.5	0
57	Developing techniques to study $A \approx 132$ nuclei with (d, p) reactions in inverse kinematics. European Physical Journal A, 2005, 25, 283-285.	2.5	1
58	Single-neutron excitations in neutron-rich $N = 51$ nuclei. European Physical Journal A, 2005, 25, 371-374.	2.5	3
59	Studies Of Neutron-Rich Nuclei With (d,p) Reactions In Inverse Kinematics At The HRIBF. AIP Conference Proceedings, 2005, , .	0.4	0
60	New Evaluations and Computational Infrastructure for Management and Visualization of Nuclear Astrophysics Data. AIP Conference Proceedings, 2005, , .	0.4	0
61	^{19}F widths and the $^{18}\text{F} + p$ reaction rates. Physical Review C, 2005, 71, .	2.9	25
62	New constraints on the $^{18}\text{F}(p, \hat{1}\pm)^{15}\text{O}$ rate in novae from the (d,p) reaction. Physical Review C, 2005, 71, .	2.9	39
63	First study of the level structure of the r-process nucleus ^{83}Ge . Physical Review C, 2005, 71, .	2.9	48
64	Elastic scattering of the proton drip-line nucleus ^{17}F . Physical Review C, 2005, 72, .	2.9	30
65	Search for astrophysically important ^{19}Ne levels with a thick-target $^{18}\text{F}(p,p)^{18}\text{F}$ measurement. Physical Review C, 2004, 70, .	2.9	30
66	Study of the $^{124}\text{Sn}(d,p)$ reaction in inverse kinematics close to the Coulomb barrier. Physical Review C, 2004, 70, .	2.9	23
67	Astrophysically important ^{26}Si states studied with the $^{28}\text{Si}(p,t)^{26}\text{Si}$ reaction. Physical Review C, 2002, 65, .	2.9	42
68	Study of the $^{18}\text{F}(p, \hat{1}\pm)^{15}\text{O}$ Reaction at Energies Relevant for ^{18}F Nucleosynthesis in Novae. AIP Conference Proceedings, 2002, , .	0.4	0
69	QEC value and internal bremsstrahlung spectra of ^{179}Ta . Physical Review C, 2001, 63, .	2.9	2
70	Destruction of ^{18}F via $^{18}\text{F}(p, \hat{1}\pm)^{15}\text{O}$ burning through the $E_{c.m.} = 665\text{keV}$ resonance. Physical Review C, 2001, 63, .	2.9	107
71	The astrophysically important 3^+ state in ^{18}Ne and the $^{17}\text{F}(p, \hat{1}^3)^{18}\text{Ne}$ stellar rate. Physical Review C, 2000, 62, .	2.9	54
72	Kinematically complete measurement of the $^{18}\text{F}(p, \hat{1}\pm)^{18}\text{F}$ excitation function for the astrophysically important 7.08-MeV state in ^{19}Ne . Physical Review C, 2000, 62, .	2.9	22

#	ARTICLE	IF	CITATIONS
73	Observation of the Astrophysically Important $3+\text{State}$ in ^{18}Ne via Elastic Scattering of a Radioactive ^{17}F Beam from ^1H . <i>Physical Review Letters</i> , 1999, 83, 45-48.	7.8	104
74	Search for the admixture of heavy neutrinos in the recoil spectra of ^{37}Ar decay. <i>Physical Review C</i> , 1998, 58, 2512-2525.	2.9	15
75	Direct observation of the double Auger decay of a K hole. <i>Physical Review A</i> , 1996, 53, R3716-R3719.	2.5	8
76	Neutrino α -recoil induced desorption. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 1994, 12, 2037-2044.	2.1	5