

Ae Champagne

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Charged-particle thermonuclear reaction rates: II. Tables and graphs of reaction rates and probability density functions. Nuclear Physics A, 2010, 841, 31-250.	1.5	211
2	Charged-particle thermonuclear reaction rates: III. Nuclear physics input. Nuclear Physics A, 2010, 841, 251-322.	1.5	97
3	Low-energy resonances in $^{25}\text{Mg}(p, \hat{1}^3)^{26}\text{Al}$, $^{26}\text{Mg}(p, \hat{1}^3)^{27}\text{Al}$ and $^{27}\text{Al}(p, \hat{1}^3)^{28}\text{Si}$. Nuclear Physics A, 1990, 512, 509-530.	1.5	59
4	Measurement of $^{15}\text{O}(\hat{1}^{\pm}, \hat{1}^3)^{19}\text{Ne}$ resonance strengths. Nuclear Physics A, 1990, 506, 332-345.	1.5	56
5	A high-resolution study of the $^{20}\text{Ne}(^3\text{He}, t)^{20}\text{Na}$ reaction and the $^{19}\text{Ne}(p, \hat{1}^3)^{20}\text{Na}$ reaction rate. Nuclear Physics A, 1992, 536, 333-348.	1.5	49
6	Reaction rate of $^{24}\text{Mg}(p, \hat{1}^3)^{25}\text{Al}$. Nuclear Physics A, 1999, 660, 349-378.	1.5	46
7	Low-energy resonance strengths for proton capture on Mg and Al nuclei. Nuclear Physics A, 1998, 644, 263-276.	1.5	35
8	The destruction of ^{18}O in red giants. Nuclear Physics A, 1986, 457, 367-374.	1.5	33
9	Threshold states in ^{26}Al . Nuclear Physics A, 1983, 402, 159-178.	1.5	32
10	Threshold states in ^{26}Al : (II). Extraction of resonance strengths. Nuclear Physics A, 1983, 402, 179-188.	1.5	31
11	Particle decays in ^{28}Si : The destruction of ^{27}Al in red giants and novae. Nuclear Physics A, 1988, 487, 433-441.	1.5	31
12	The effect of weak resonances on the $^{25}\text{Mg}(p, \hat{1}^3)^{26}\text{Al}$ reaction rate. Nuclear Physics A, 1989, 505, 384-396.	1.5	29
13	The $^{14}\text{O}(\hat{1}^{\pm}, p)^{17}\text{F}$ reaction rate. Nuclear Physics A, 2003, 718, 127-130.	1.5	29
14	Threshold states in ^{26}Al revisited. Nuclear Physics A, 1986, 451, 498-508.	1.5	28
15	The $^{26}\text{Al}(p, \hat{1}^3)^{27}\text{Si}$ reaction at low stellar temperature. Nuclear Physics A, 1993, 556, 123-135.	1.5	27
16	Determination of the $^{14}\text{O}(\hat{1}^{\pm}, p)^{17}\text{F}$ g.s. reaction rate by measurement of the $^1\text{H}(^{17}\text{F}, \hat{1}^{\pm})^{14}\text{O}$ cross section. Nuclear Physics A, 2001, 688, 142-145.	1.5	23
17	Proton threshold states in ^{27}Si and the destruction of ^{26}Al at low stellar temperatures. Nuclear Physics A, 1989, 499, 546-564.	1.5	20
18	Proton-threshold states in ^{28}Si . Nuclear Physics A, 1986, 459, 239-252.	1.5	18

#	ARTICLE	IF	CITATIONS
19	Measurements of differential cross-section ratios for single-nucleon transfer reaction pairs near A = 25. Nuclear Physics A, 1991, 528, 298-316.	1.5	16
20	Studies of weak capture- β^3 -ray resonances via coincidence techniques. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 480, 610-625.	1.6	15
21	States in ^{12}B and primordial nucleosynthesis. Nuclear Physics A, 1994, 567, 125-145.	1.5	10
22	States in ^{12}B and primordial nucleosynthesis. Nuclear Physics A, 1994, 567, 111-124.	1.5	7
23	Nuclear Astrophysics: Direct measurements with stable beams. Nuclear Physics A, 2005, 758, 73-79.	1.5	4
24	Investigating the astrophysically important $E_x = 2.646$ MeV state in ^{20}Na . Nuclear Instruments & Methods in Physics Research B, 1995, 99, 346-348.	1.4	2
25	Proton-threshold states in ^{27}Al and the production of ^{27}Al at low stellar temperatures. Nuclear Physics A, 1990, 512, 317-332.	1.5	0