

Marcel Klapisch

List of Publications by Year in descending order

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11
papers

1,052
citations

1163117

8
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

544
citing authors

#	ARTICLE	IF	CITATIONS
1	HULLAC, an integrated computer package for atomic processes in plasmas. Journal of Quantitative Spectroscopy and Radiative Transfer, 2001, 71, 169-188.	2.3	426
2	A program for atomic wavefunction computations by the parametric potential method. Computer Physics Communications, 1971, 2, 239-260.	7.5	343
3	NJGRAF " An efficient program for calculation of general recoupling coefficients by graphical analysis, compatible with NJSYM. Computer Physics Communications, 1988, 50, 375-393.	7.5	99
4	Opacity Studies of Iron in the 15"30eV Temperature Range. Astrophysical Journal, Supplement Series, 2000, 127, 275-281.	7.7	67
5	Energy penetration into arrays of aligned nanowires irradiated with relativistic intensities: Scaling to terabar pressures. Science Advances, 2017, 3, e1601558.	10.3	58
6	Effect of configuration interaction on shift widths and intensity redistribution of transition arrays. Physical Review E, 1999, 59, 3512-3525.	2.1	27
7	A New And Improved Version Of HULLAC. AIP Conference Proceedings, 2007, , .	0.4	12
8	The effect of configuration interaction on relativistic transition arrays. Journal of Quantitative Spectroscopy and Radiative Transfer, 2000, 65, 415-428.	2.3	10
9	Open M-shell Fe and Ni LTE opacity calculations with the code HULLAC-v9. High Energy Density Physics, 2015, 16, 1-11.	1.5	7
10	Influence of the number of atomic levels on the spectral opacity of low temperature nickel and iron in the spectral range 50"300 eV. EPJ Web of Conferences, 2013, 59, 14004.	0.3	3
11	Configuration interaction effect on open M shell Fe and Ni LTE spectral opacities, Rosseland and Planck means. Journal of Physics: Conference Series, 2016, 717, 012017.	0.4	0