

Brian F Davis

List of Publications by Year in descending order

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18
papers

489
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759055

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18
docs citations

18
times ranked

156
citing authors

#	ARTICLE	IF	CITATIONS
1	Saddle-point complex-rotation method for resonances. Physical Review A, 1982, 26, 3278-3282.	1.0	94
2	Saddle-point technique for helium in the elastic- and inelastic-scattering energy region. Physical Review A, 1980, 22, 835-842.	1.0	46
3	Spin-induced autoionization and radiative transition rates for the $(1s2s2p)4P$ states in lithiumlike ions. Physical Review A, 1989, 39, 3942-3955.	1.0	45
4	Widths of $2s^2$, $2p$, and D^2 resonances in Li I, Be II, and B III. Physical Review A, 1985, 31, 3017-3026.	1.0	44
5	Saddle-point complex-rotation method for the $(1s2s2s)2S$ resonance in He^{a} , Li I, Be II, and B III. Physical Review A, 1984, 29, 1878-1882.	1.0	41
6	Complex-rotation method for spin-induced autoionization. Physical Review A, 1987, 36, 1948-1951.	1.0	36
7	Transition wavelength and fine structure for the quartet states of Be^+ . Physical Review A, 1984, 29, 1871-1877.	1.0	27
8	Spin-induced autoionization and radiative transition rates for the $(1s2p2p)4P$ states in lithiumlike ions. Physical Review A, 1988, 37, 111-118.	1.0	27
9	Radiative decay of triply excited $2p2np4, 2S^{\text{a}}$ states to the $1s2pmp4, 2P$ states in lithiumlike ions. Physical Review A, 1990, 42, 5121-5131.	1.0	27
10	Mass-polarization effect and oscillator strengths for S, P, D states of helium. Physical Review A, 1982, 25, 1328-1333.	1.0	23
11	Transition wavelengths and fine structure for the doublet states of Be^+ . Physical Review A, 1984, 29, 2586-2590.	1.0	22
12	Energy and autoionization width of the $1s3s3p4P^{\text{a}}$ and $1s3p3p4P$ states in lithiumlike ions. Physical Review A, 1990, 41, 5844-5855.	1.0	19
13	Measurement and Prediction of the Thermomechanical Response of Shape Memory Alloy Hybrid Composite Beams. Journal of Intelligent Material Systems and Structures, 2008, 19, 129-143.	1.4	12
14	Helium $2s2p1P$ energy with relativistic corrections. Physical Review A, 1985, 31, 1187-1188.	1.0	11
15	P resonances of helium below the $n=4$ threshold of He^+ . Physical Review A, 1982, 26, 2743-2748.	1.0	7
16	Hole-Projection Method for Calculating Feshbach Resonances and Inner-Shell Vacancies. , 1985, , 73-102.		4
17	Measurement and prediction of the thermomechanical response of shape memory alloy hybrid composite beams. , 2005, , .		3
18	Pseudoelastic SMA radius size effects on the damping of structural vibrations. , 2006, 6166, 570.		1