

# Brian F Davis

## List of Publications by Year in descending order

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18  
papers

489  
citations

759055

12  
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996849

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all docs

18  
docs citations

18  
times ranked

156  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Pseudoelastic SMA radius size effects on the damping of structural vibrations. , 2006, 6166, 570.		1
3	Measurement and prediction of the thermomechanical response of shape memory alloy hybrid composite beams. , 2005, , .		3
4	Energy and autoionization width of the $1s3s3p4P^{\circ}$ and $1s3p3p4P$ states in lithiumlike ions. Physical Review A, 1990, 41, 5844-5855.	1.0	19
5	Radiative decay of triply excited $2p2np4,2S^{\circ}$ states to the $1s2pmp4,2P$ states in lithiumlike ions. Physical Review A, 1990, 42, 5121-5131.	1.0	27
6	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
7	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
8	Complex-rotation method for spin-induced autoionization. Physical Review A, 1987, 36, 1948-1951.	1.0	36
9	Helium $2s2p1P^{\circ}$ energy with relativistic corrections. Physical Review A, 1985, 31, 1187-1188.	1.0	11
10	Widths of $S_2, 2P_0$ , and $D_2$ resonances in Li i, Be ii, and B iii. Physical Review A, 1985, 31, 3017-3026.	1.0	44
11	Hole-Projection Method for Calculating Feshbach Resonances and Inner-Shell Vacancies. , 1985, , 73-102.		4
12	Saddle-point complex-rotation method for the $(1s2s2s)2S$ resonance in $He^{\circ}$ , Li I, Be II, and B III. Physical Review A, 1984, 29, 1878-1882.	1.0	41
13	Transition wavelengths and fine structure for the doublet states of $Be^+$ . Physical Review A, 1984, 29, 2586-2590.	1.0	22
14	Transition wavelength and fine structure for the quartet states of $Be^+$ . Physical Review A, 1984, 29, 1871-1877.	1.0	27
15	Mass-polarization effect and oscillator strengths for $S, P, D$ states of helium. Physical Review A, 1982, 25, 1328-1333.	1.0	23
16	Saddle-point complex-rotation method for resonances. Physical Review A, 1982, 26, 3278-3282.	1.0	94
17	$P_0$ resonances of helium below the $n=4$ threshold of $He^+$ . Physical Review A, 1982, 26, 2743-2748.	1.0	7
18	Saddle-point technique for helium in the elastic- and inelastic-scattering energy region. Physical Review A, 1980, 22, 835-842.	1.0	46