

Daniel F Calef

List of Publications by Year in descending order

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17
papers

1,164
citations

933447

10
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

420
citing authors

#	ARTICLE	IF	CITATIONS
1	Realistic computer models of aerogels. <i>Journal of Non-Crystalline Solids</i> , 1995, 186, 356-364.	3.1	6
2	Structure and thermodynamics of asymmetric molecules: Application to linear triatomic dipolar molecules. <i>Molecular Physics</i> , 1990, 71, 269-295.	1.7	6
3	Water under high pressure. <i>Molecular Physics</i> , 1988, 64, 325-336.	1.7	46
4	Polar solvent relaxation: The mean spherical approximation approach. <i>Journal of Chemical Physics</i> , 1988, 89, 3783-3788.	3.0	102
5	Estimate of the barrier to and rate of dissociation of dense nitrogen under shock conditions. <i>Physical Review B</i> , 1987, 36, 4935-4939.	3.2	5
6	On the structure of high-density water at constant temperature. <i>The Journal of Physical Chemistry</i> , 1987, 91, 1541-1545.	2.9	15
7	A theoretical study of the structure of shocked water. <i>Chemical Physics Letters</i> , 1987, 139, 129-133.	2.6	5
8	Calculation of the Green's function from high- and low-density series expansions for disordered transport. <i>Physical Review A</i> , 1984, 29, 2963-2965.	2.5	3
9	Diffusion on lattices with traps: A self-consistent calculation. <i>Chemical Physics</i> , 1984, 83, 275-282.	1.9	0
10	Impurity dynamics in a one-dimensional chain. <i>Journal of Statistical Physics</i> , 1983, 32, 81-94.	1.2	6
11	Diffusion and reversible reaction in a medium with penetrable sinks. <i>Journal of Chemical Physics</i> , 1983, 79, 203-212.	3.0	23
12	Classical solvent dynamics and electron transfer. 1. Continuum theory. <i>The Journal of Physical Chemistry</i> , 1983, 87, 3387-3400.	2.9	493
13	Classical solvent dynamics and electron transfer. II. Molecular aspects. <i>Journal of Chemical Physics</i> , 1983, 78, 470-482.	3.0	204
14	Smoluchowski-Vlasov theory of charge solvation dynamics. <i>Journal of Chemical Physics</i> , 1983, 78, 4145-4153.	3.0	171
15	Flow birefringence and hydrodynamic boundary conditions. <i>Journal of Chemical Physics</i> , 1980, 72, 535-540.	3.0	11
16	Structure-activity relationships in papain and bromelain ligand interactions. <i>Archives of Biochemistry and Biophysics</i> , 1977, 183, 383-392.	3.0	34
17	Structure-activity relations in papain-ligand interactions. <i>Journal of Organic Chemistry</i> , 1976, 41, 1240-1243.	3.2	34