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