Timothy A Brunner

List of Publications by Year
in descending order

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15	617	840119 11	1199166 12
papers	citations	h-index	g-index

15	15	15	152
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Rotational energy transfer in Na*2 (Aâ€‰Î£) colliding with Xe, Kr, Ar, Ne, He, H2, CH4, and N2: Experiment and fitting laws. Journal of Chemical Physics, 1981, 74, 3324-3341.	1.2	98
2	Rotational energy transfer in Na*2â€“Xe collisions: Level to level dynamics. Journal of Chemical Physics, 1979, 70, 4155-4167.	1.2	95
3	Fitting Laws for Rotationally Inelastic Collisions. Advances in Chemical Physics, 2007, , 589-641.	0.3	88
4	Power law scaling for rotational energy transfer. Journal of Chemical Physics, 1979, 70, 2115-2120.	1.2	73
5	Simple Scaling Law for Rotational-Energy Transfer inNa2*-Xe Collisions. Physical Review Letters, 1978, 41, 856-859.	2.9	67
6	<title>Optimization of optical properties of resist processes</title>. , 1991, 1466, 297.		36
7	Power law scaling of rotational energy transfer in Na*2(AÎ£)+He, H2, CH4, and N2. Journal of Chemical Physics, 1979, 71, 1977-1978.	1.2	29
8	Velocity dependence of rates for rotationally inelastic collisions in Na*2â€“Xe using velocity selection by Doppler shift. Journal of Chemical Physics, 1981, 74, 467-482.	1.2	29
9	Origins of power law behavior in rotationally inelastic collisions. Journal of Chemical Physics, 1982, 76, 5641-5643.	1.2	26
10	New experimental evidence for the energy corrected sudden scaling law. Chemical Physics Letters, 1980, 71, 358-362.	1.2	24
11	Deconvolution of thermal averaging in scattering experiments using integral transform methods. Journal of Chemical Physics, 1978, 69, 1498-1503.	1.2	21
12	Velocity Dependence of Rotational Energy Transfer Rates inNa2-Xe. Physical Review Letters, 1979, 43, 693-697.	2.9	14
13	High-NA swing curve effects. , 2001, , .		9
14	High numerical aperture lithographic imagery at the Brewster angle. Journal of Micro/ Nanolithography, MEMS, and MOEMS, 2002, 1, 188.	1.0	7
15	High numerical aperture: imaging implications for chemically amplified photoresists. , 2002, 4690, 351.		1