

T C Chan

List of Publications by Year in descending order

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15
papers

528
citations

840776

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996975

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15
docs citations

15
times ranked

133
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of molecular association on mutual diffusion: A study of hydrogen bonding in dilute solutions. <i>Journal of Chemical Physics</i> , 1999, 110, 3003-3008.	3.0	80
2	Diffusion of pseudo-planar molecules: an experimental evaluation of the molecular effects on diffusion. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1992, 88, 2371.	1.7	66
3	The effects of molecular association on mutual diffusion in acetone. <i>Journal of Chemical Physics</i> , 1997, 107, 1890-1895.	3.0	49
4	Diffusion of Disubstituted Aromatic Compounds in Ethanol. <i>Journal of Physical Chemistry A</i> , 1998, 102, 9087-9090.	2.5	48
5	Diffusion of aromatic compounds: An investigation on the effects of molecular shape, mass, and dipole moment. <i>Journal of Chemical Physics</i> , 1984, 80, 5862-5864.	3.0	44
6	Diffusion of Pseudoplanar Solutes: An Investigation on the Effects of Hydrogen Bonding. <i>The Journal of Physical Chemistry</i> , 1995, 99, 5765-5768.	2.9	44
7	Diffusion of pseudospherical molecules: An investigation on the effects of dipole moment. <i>Journal of Chemical Physics</i> , 1983, 79, 3591-3593.	3.0	43
8	Effects of Shapes of Solute Molecules on Diffusion: A Study of Dependences on Solute Size, Solvent, and Temperature. <i>Journal of Physical Chemistry B</i> , 2015, 119, 15718-15728.	2.6	38
9	Diffusion of aromatic compounds in nonaqueous solvents: A study of solute, solvent, and temperature dependences. <i>Journal of Chemical Physics</i> , 2013, 138, 224503.	3.0	35
10	Experimental study of hydrogen bonding by mutual diffusion. <i>Chemical Communications</i> , 1997, , 719-720.	4.1	33
11	Steric effects on diffusion of associated molecules in acetone. <i>Chemical Communications</i> , 2002, , 898-899.	4.1	22
12	Effect of Solvent on Diffusion: Probing with Nonpolar Solutes. <i>Journal of Physical Chemistry B</i> , 2014, 118, 10945-10955.	2.6	11
13	Diffusion of Aromatic Isomers in Acetone: An Investigation on the Effects of Intramolecular and Intermolecular Hydrogen Bonding. <i>Journal of Physical Chemistry B</i> , 2017, 121, 10882-10892.	2.6	6
14	Effects of Hydrogen Bonding on Diffusion of Aromatic Compounds in Acetone: An Experimental Investigation from 268.2 to 328.2 K. <i>Journal of Physical Chemistry B</i> , 2018, 122, 9236-9249.	2.6	6
15	Diffusivities of Aromatic Compounds: A New Molecular-Hydrodynamic Model for Nonassociated Pseudoplanar Solutes at Infinite Dilution. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 20423-20440.	3.7	3