

# Microscopic solvation effects on excited-state energies of molecules in large van der Waals complexes

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Analytical applications of supersonic jet spectroscopy. <i>Analytical Chemistry</i> , 1982, 54, 1666-1673.	6.5	60
2	Shpol'skii effect in the analysis of sulfur-containing heterocyclic aromatic compounds. <i>Analytical Chemistry</i> , 1982, 54, 1673-1677.	6.5	20
3	Neutral and charged clusters in the atmosphere: Their importance and potential role in heterogeneous catalysis. <i>Geophysical Monograph Series</i> , 1982, , 13-27.	0.1	1
4	Electronic absorption spectra of phenol dimer and tolueneâ€”cyanobenzene complex as studied by mass-selected MPIâ€”nozzle beam method. <i>Chemical Physics Letters</i> , 1982, 91, 311-314.	2.6	42
5	Electronic spectroscopy of large van der waals molecules by resonant two-photon ionization. <i>Chemical Physics Letters</i> , 1982, 86, 349-444.	2.6	42
6	Rotational and vibrational temperatures of naphthalene in a naphthalene-argon supersonic jet. <i>Chemical Physics Letters</i> , 1982, 92, 317-321.	2.6	6
7	The electronic origin of the $\text{I}^{\text{II}}\text{I}^*$ absorption of amino coumarins studied in a supersonically cooled free jet. <i>Chemical Physics Letters</i> , 1982, 91, 231-235.	2.6	43
8	Electronicâ€”vibrational excitations of a hydrogen-bonded molecule in supersonic expansions: 1,4-dihydroxyanthraquinone and its deuterated derivatives. <i>Chemical Physics</i> , 1982, 73, 1-18.	1.9	48
9	Matrix spectroscopy in the gas phase: IR spectroscopy of argon clusters containing SF6 or CH3F. <i>Chemical Physics Letters</i> , 1983, 97, 155-160.	2.6	124
10	Stepwise solvation of molecules as studies by picosecond-jet spectroscopy: dynamics and spectra. <i>Chemical Physics Letters</i> , 1983, 94, 454-460.	2.6	30
11	Fluorescence excitation spectra of weakly bound complexes of benzene in a supersonic free jet. <i>Chemical Physics Letters</i> , 1983, 94, 549-552.	2.6	32
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13	van der Waals vibrational modes of the pentaceneâ€”R complexes (R=Ne, Ar, Kr). <i>Journal of Chemical Physics</i> , 1983, 79, 4385-4391.	3.0	28
14	Vibrational predissociation and intramolecular vibrational relaxation in electronically excited $\text{N}_2\text{tetrazine}\text{--}^*\text{argon}$ van der Waals complex. <i>Journal of Chemical Physics</i> , 1983, 78, 3415-3434.	3.0	130
15	Spectroscopy of large molecular complexes in supersonic jets. <i>Journal of Chemical Physics</i> , 1983, 78, 3445-3454.	3.0	56
16	Large van der Waals ions. <i>Journal of Chemical Physics</i> , 1983, 78, 309-311.	3.0	49
17	Resonant multiphoton ionization photoelectron spectroscopic study of benzene. Evidence for fast intramolecular vibrational relaxation within the $1\text{E}1\text{l}\text{u}$ state. <i>Journal of Chemical Physics</i> , 1983, 79, 5213-5218.	3.0	29
18	Excited state energetics of aniline-rare-gas van der Waals complexes. <i>Molecular Physics</i> , 1983, 49, 899-912.	1.7	38

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19	Photochemistry of 1-cyanonaphthalene/triethylamine van der Waals complex: Intermolecular exciplex formation under collision free conditions. <i>Journal of Chemical Physics</i> , 1984, 81, 5692-5699.	3.0	33
20	Spectroscopic manifestation of intramolecular relaxation of azulene in supersonic jets. <i>Journal of Chemical Physics</i> , 1984, 81, 4200-4205.	3.0	48
21	Electronic spectroscopy of perylene-rare gas van der Waals complexes. <i>Journal of Chemical Physics</i> , 1984, 81, 5480-5493.	3.0	83
22	Molecular jet study of aniline-helium van der Waals molecules and aniline radiationless relaxation in the 1B2 excited electronic state. <i>Journal of Chemical Physics</i> , 1984, 80, 207-220.	3.0	68
23	Relaxation dynamics of photoexcited benzene-rare gas van der Waals complexes. <i>Journal of Chemical Physics</i> , 1984, 81, 1083-1101.	3.0	112
24	Molecular supersonic jet studies of aniline solvation by helium and methane. <i>Journal of Chemical Physics</i> , 1984, 80, 634-644.	3.0	53
25	Level Structure and Dynamics of Clusters. <i>Zeitschrift Fur Elektrotechnik Und Elektrochemie</i> , 1984, 88, 188-201.	0.9	112
26	Intramolecular relaxation of excess vibrational energy in jet-cooled perylene. <i>Chemical Physics</i> , 1984, 86, 245-255.	1.9	28
27	Spectroscopy and dynamics of 9,10-dichloroanthracene-Arn van der Waals complexes. <i>Chemical Physics</i> , 1984, 88, 199-207.	1.9	40
28	Resonance-enhanced multiphoton ionization of van der Waals molecules: Studies of spectroscopic shifts of phenyl acetylene clustered with molecules and atoms. <i>Chemical Physics Letters</i> , 1984, 111, 38-46.	2.6	70
29	Microscopic solvent shifts in the electronic spectra of large van der waals molecules. <i>Chemical Physics Letters</i> , 1984, 107, 284-289.	2.6	64
30	Multiphoton ionization photoelectron spectroscopy and two-color multiphoton ionization threshold spectroscopy on the hydrogen bonded phenol and 7-azaindole in a supersonic jet. <i>Chemical Physics Letters</i> , 1984, 108, 179-184.	2.6	69
31	Isomer effects on vibrational energy relaxation in perylene-argon complexes. <i>Chemical Physics Letters</i> , 1984, 112, 483-490.	2.6	53
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33	Supersonic molecular jet studies of toluene-helium and toluene-methane clusters. <i>Journal of Chemical Physics</i> , 1984, 81, 49-56.	3.0	38
34	Fluorescence excitation spectra of indole, 3-methyl indole, and 3-indole acetic acid in supersonic jets. <i>Journal of Chemical Physics</i> , 1984, 80, 1050-1058.	3.0	88
35	Dimers of aromatic molecules: (Benzene)2, (toluene)2, and benzene-toluene. <i>Journal of Chemical Physics</i> , 1984, 81, 4871-4882.	3.0	193
36	Application of the electron gas model to the calculation of the geometries of van der Waals complexes. <i>Molecular Physics</i> , 1985, 54, 1437-1452.	1.7	1

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38	Ultrafast laser spectroscopy: A probe of the photodynamics of chemical intermediates. <i>Reviews of Chemical Intermediates</i> , 1985, 6, 197-235.	1.1	3
39	Shifts in fluorescence excitation spectra of anthracene-argon van der waals complexes. <i>Chemical Physics</i> , 1985, 92, 187-197.	1.9	44
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41	Two-color resonance enhanced multiphoton ionization of Van der Waals molecules: studies of spectroscopy shifts and ionization thresholds of paraxylene clustered with argon. <i>Chemical Physics Letters</i> , 1985, 113, 219-224.	2.6	73
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44	Molecular jet study of the solvation of toluene by methane, ethane, and propane. <i>Journal of Chemical Physics</i> , 1985, 82, 736-746.	3.0	44
45	The coupling between intramolecular and intermolecular motion in large van der Waals complexes. <i>Journal of Chemical Physics</i> , 1985, 82, 5437-5441.	3.0	13
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49	Resonances in mediated intersystem crossing of jet-cooled anthracene derivatives. <i>Chemical Physics Letters</i> , 1986, 132, 335-340.	2.6	33
50	Electronic spectral shifts of large van der Waals molecules. <i>Chemical Physics Letters</i> , 1986, 126, 107-112.	2.6	34
51	Cluster Beam Chemistry?from Atoms to Solids. <i>Angewandte Chemie International Edition in English</i> , 1986, 25, 197-211.	4.4	63
53	Van der waals vibrations and binding energies of carbazoleâ€“Kr. <i>Chemical Physics Letters</i> , 1986, 126, 238-244.	2.6	37
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55	Rotationally resolved laser spectroscopy of tetracene and its van der Waals complexes with inert gas atoms. <i>Journal of Chemical Physics</i> , 1987, 87, 182-190.	3.0	45

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60	Competitive production of weakly bound heterodimers in free jet expansions. Chemical Physics Letters, 1988, 146, 305-309.		2.6	7
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82	Solvation effects on molecular pure radiative lifetime and absorption oscillator strength in clusters. Journal of Chemical Physics, 1990, 93, 147-158.	3.0	36
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93	Microscopic spectral shifts of large van der Waals heteroclusters. <i>Chemical Physics Letters</i> , 1991, 177, 161-166.	2.6	18
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111	Rigid and nonrigid benzene-Ar2 van der Waals heteroclusters. Chemical Physics Letters, 1992, 188, 73-79.	2.6	29
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115	Electronic Spectral Shifts and Linebroadening of Heteroclusters. Israel Journal of Chemistry, 1993, 33, 467-474.	2.3	2
116	Vibrational predissociation of 9,10-dichloroanthracene-Mixed and homo rare gas atom clusters. Journal of Chemical Physics, 1993, 99, 9616-9628.	3.0	7
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145	An Ultrafast Glimpse of Cluster Solvation Effects on Reaction Dynamics. <i>Chemical Reviews</i> , 2000, 100, 4039-4058.	47.7	60

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148	Molecular structure of p -methylaniline and its van der Waals complexes with CF <sub>3</sub> H, CH <sub>4</sub> and CF <sub>4</sub> studied by laser induced fluorescence spectroscopy and ab initio calculations. <i>Journal of Molecular Structure</i> , 2002, 605, 255-276.	3.6	29
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