

Joseph Knee

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

50
papers

1,345
citations

21
h-index

35
g-index

53
ext. papers

1,386
ext. citations

3.7
avg, IF

3.93
L-index

#	Paper	IF	Citations
50	Electronic Spectroscopy of 2-Phenyl-1,3,2-benzodioxaborole and Its Derivatives: Important Building Blocks of Covalent Organic Frameworks. <i>Journal of Physical Chemistry A</i> , 2020 , 124, 529-537	2.8	1
49	Infrared spectroscopy of gas phase alpha hydroxy carboxylic acid homo and hetero dimers. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 29601-29609	3.6	1
48	Quantitative probing of subtle interactions among H-bonds in alpha hydroxy carboxylic acid complexes. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 24399-24411	3.6	5
47	Photophysical Characterization of Enhanced 6-Methylisoxanthopterin Fluorescence in Duplex DNA. <i>Journal of Physical Chemistry B</i> , 2016 , 120, 12232-12248	3.4	2
46	Communication: Physical origins of ionization potential shifts in mixed carboxylic acids and water complexes. <i>Journal of Chemical Physics</i> , 2016 , 145, 051101	3.9	5
45	Influences of the propyl group on the van der Waals structures of 4-propylaniline complexes with one and two argon atoms studied by electronic and cationic spectroscopy. <i>Journal of Chemical Physics</i> , 2015 , 143, 034308	3.9	1
44	Electronic and cationic spectroscopy of 9-hydroxy-9-fluorene carboxylic acid. <i>Journal of Physical Chemistry A</i> , 2014 , 118, 4982-7	2.8	5
43	Communication: The ionization spectroscopy of mixed carboxylic acid dimers. <i>Journal of Chemical Physics</i> , 2013 , 139, 151101	3.9	6
42	Applying 6-methylisoxanthopterin-enhanced fluorescence to examine protein-DNA interactions in the picomolar range. <i>Biochemistry</i> , 2012 , 51, 6847-59	3.2	9
41	Zero kinetic energy photoelectron spectroscopy of tryptamine and the dissociation pathway of the singly hydrated cation cluster. <i>Journal of Chemical Physics</i> , 2012 , 137, 104312	3.9	16
40	Communication: spectroscopic measurement of the binding energy of a carboxylic acid-water dimer. <i>Journal of Chemical Physics</i> , 2012 , 136, 171101	3.9	7
39	Communication: Frequency shifts of an intramolecular hydrogen bond as a measure of intermolecular hydrogen bond strengths. <i>Journal of Chemical Physics</i> , 2012 , 137, 091101	3.9	51
38	Two-color photoexcitation of Rydberg states via an electric quadrupole transition. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2008 , 25, 334	1.7	1
37	Cation spectroscopy and binding energy determination for 1,4-benzodioxan-Ar1 and -Ar2 complexes. <i>Journal of Physical Chemistry A</i> , 2008 , 112, 6823-8	2.8	1
36	Characterization of the dynamics of an essential helix in the U1A protein by time-resolved fluorescence measurements. <i>Journal of Physical Chemistry B</i> , 2008 , 112, 6122-30	3.4	12
35	Photoionization spectroscopy of even-parity autoionizing Rydberg states of argon: Experimental and theoretical investigation of Fano profiles and resonance widths. <i>Physical Review A</i> , 2008 , 77,	2.6	17
34	Binding energies and dissociation pathways in the aniline-Ar2 cation complex. <i>Journal of Chemical Physics</i> , 2008 , 128, 064311	3.9	25

33	Characterization of two adenosine analogs as fluorescence probes in RNA. <i>Bioorganic Chemistry</i> , 2008 , 36, 271-7	5.1	14
32	Tryptophol cation conformations studied with ZEKE spectroscopy. <i>Journal of Physical Chemistry A</i> , 2007 , 111, 1808-13	2.8	4
31	Vibrational dynamics of 9-fluorenemethanol using infrared-ultraviolet double-resonance spectroscopy. <i>Journal of Chemical Physics</i> , 2004 , 120, 5631-41	3.9	12
30	Molecular structure and conformation of cyclopropylbenzene as determined by ab initio molecular orbital calculations, pulsed-jet fourier transform microwave spectroscopic, and gas-phase electron diffraction investigations. <i>Journal of Organic Chemistry</i> , 2001 , 66, 5840-5	4.2	16
29	Conformational Analysis and Dynamics of 9-Propylfluorene and 9-Ethylfluorene. <i>Journal of Physical Chemistry A</i> , 2001 , 105, 5842-5848	2.8	9
28	Conformational studies of the neutral and cation of several substituted fluorenes. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2000 , 112, 209-219	1.7	4
27	3-Ethylindole electronic spectroscopy: S1 and cation torsional potential surfaces. <i>Journal of Chemical Physics</i> , 2000 , 113, 1857-1865	3.9	11
26	Conformational energy and dynamics of 9-ethylfluorene. <i>Journal of Chemical Physics</i> , 1999 , 110, 3378-3388	3.9	27
25	Structure and dynamics of 9-ethylfluorene-Arn van der Waals complexes. <i>Journal of Chemical Physics</i> , 1999 , 110, 3389-3397	3.9	9
24	Electronic spectroscopy and dynamics of the monomer and Arn clusters of 9-phenylfluorene. <i>Journal of Chemical Physics</i> , 1998 , 109, 7113-7123	3.9	11
23	Dynamics of vibronically excited fluorene-Arn (n=4, 5) clusters. <i>Journal of Chemical Physics</i> , 1998 , 108, 9632-9638	3.9	12
22	Neutral and cation spectroscopy of fluorene-Arn clusters. <i>Journal of Chemical Physics</i> , 1997 , 107, 8239-8254	3.9	43
21	Threshold Ionization Spectroscopy of the Low Frequency Vibrational Modes of Styrene and Trans-Stilbene Cations. <i>Laser Chemistry</i> , 1994 , 14, 131-141		6
20	Picosecond vibrational dynamics of several S1 bands in jet-cooled p-difluorobenzene. <i>Journal of Chemical Physics</i> , 1994 , 100, 2429-2436	3.9	30
19	Dynamics of large molecule Van der Waals complexes studied with ZEKE spectroscopy. <i>Faraday Discussions</i> , 1994 , 97, 299	3.6	52
18	Electronic spectroscopy of four conformations of jet-cooled 1,6-dihydroxynaphthalene. <i>The Journal of Physical Chemistry</i> , 1993 , 97, 3990-3993		4
17	Analysis of the torsional potential of 9,10-dihydrophenanthrene in three electronic states: S0, S1, and cation ground state. <i>Journal of Chemical Physics</i> , 1993 , 99, 38-46	3.9	14
16	Aniline-CH4 S1 vibrational dynamics studied with picosecond photoelectron spectroscopy. <i>Journal of Chemical Physics</i> , 1993 , 99, 2550-2559	3.9	40

15	Dynamics of high n molecular Rydberg states with application to mass analyzed threshold ionization spectroscopy. <i>Journal of Chemical Physics</i> , 1993 , 99, 3133-3136	3.9	82
14	High resolution threshold photoelectron spectroscopy of aniline and aniline van der Waals complexes. <i>Journal of Chemical Physics</i> , 1992 , 97, 2843-2860	3.9	120
13	Laser photoelectron spectroscopy of 1- and 2-naphthol: relative stability of the cis and trans cation rotamers. <i>Chemical Physics Letters</i> , 1991 , 182, 656-662	2.5	28
12	Spectroscopy and dynamics of the S1 state of jet-cooled 1-naphthol. <i>The Journal of Physical Chemistry</i> , 1990 , 94, 2637-2643		38
11	Picosecond measurements of vibrational dynamics using pump-probe laser photoelectron spectroscopy. <i>Journal of Chemical Physics</i> , 1990 , 93, 4475-4476	3.9	58
10	Luminescence spectra and lifetimes of cerium(III) compounds as indicators of solution behavior and radiative efficiency. <i>Inorganic Chemistry</i> , 1988 , 27, 1393-1400	5.1	65
9	Picosecond photofragment spectroscopy. I. Microcanonical state-to-state rates of the reaction NCNO-EN+NO. <i>Journal of Chemical Physics</i> , 1987 , 87, 77-96	3.9	78
8	Picosecond photofragment spectroscopy. III. Vibrational predissociation of van der Waals clusters. <i>Journal of Chemical Physics</i> , 1987 , 87, 115-127	3.9	72
7	Picosecond monitoring of a chemical reaction in molecular beams: Photofragmentation of RBRH. <i>Journal of Chemical Physics</i> , 1985 , 83, 1996-1998	3.9	121
6	Picosecond mass spectrometry of a collisionless photodissociation reaction. <i>Journal of Chemical Physics</i> , 1985 , 82, 4715-4716	3.9	26
5	Intramolecular dephasing in pyrazine: Direct picosecond time resolution. <i>Journal of Chemical Physics</i> , 1985 , 82, 1042-1043	3.9	38
4	Triplet state nonradiative lifetimes of collision-free aniline and aniline-argon complexes above the S1 origin. <i>Journal of Chemical Physics</i> , 1984 , 80, 13-17	3.9	26
3	Nonradiative transitions in collisionless perdeuterobenzene. <i>Journal of Chemical Physics</i> , 1984 , 81, 4455-4457	3.9	18
2	The identification of channel three in isolated benzene. <i>Journal of Chemical Physics</i> , 1983 , 78, 2091-2092	3.9	57
1	The 1B2u<-<-1A1g two-photon spectra of several isotopes of benzene by supersonic beam-multiphoton ionization spectroscopy. <i>Journal of Chemical Physics</i> , 1982 , 77, 654-668	3.9	29