

Veronica Vaida

List of Publications by Year in descending order

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148
papers

6,295
citations

57758

44
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85541

71
g-index

151
all docs

151
docs citations

151
times ranked

3931
citing authors

#	ARTICLE	IF	CITATIONS
1	Atmospheric processing of organic aerosols. Journal of Geophysical Research, 1999, 104, 11633-11641.	3.3	408
2	The Influence of Organic Films at the Air~Aqueous Boundary on Atmospheric Processes. Chemical Reviews, 2006, 106, 1445-1461.	47.7	320
3	Perspective: Water cluster mediated atmospheric chemistry. Journal of Chemical Physics, 2011, 135, 020901.	3.0	254
4	New evidence of an organic layer on marine aerosols. Journal of Geophysical Research, 2002, 107, AAC 1-1.	3.3	153
5	Hydrated Complexes: Relevance to Atmospheric Chemistry and Climate. International Reviews in Physical Chemistry, 2003, 22, 203-219.	2.3	140
6	In situ observation of peptide bond formation at the water~air interface. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 15697-15701.	7.1	130
7	Photoisomerization of OCIO: a possible mechanism for polar ozone depletion. Nature, 1989, 342, 405-408.	27.8	126
8	Photochemistry of aqueous pyruvic acid. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 11714-11719.	7.1	118
9	Vibrational and Electronic Spectroscopy of Sulfuric Acid Vapor. Journal of Physical Chemistry A, 2003, 107, 1112-1118.	2.5	107
10	Complexes of Importance to the Absorption of Solar Radiation~. Journal of Physical Chemistry A, 2003, 107, 10680-10686.	2.5	105
11	Molecular complexes in close and far away. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 10584-10588.	7.1	104
12	The Hydration of Formic Acid. Journal of Physical Chemistry A, 2002, 106, 363-370.	2.5	101
13	Atmospheric Photochemistry via Vibrational Overtone Absorption. Chemical Reviews, 2003, 103, 4717-4730.	47.7	97
14	Atmospheric implications of the photolysis of the ozone-water weakly bound complex. Journal of Geophysical Research, 1995, 100, 18803.	3.3	91
15	The direct near ultraviolet absorption spectrum of the $\sigma \rightarrow \sigma^*$ transition of jet-cooled chlorine dioxide. Journal of Chemical Physics, 1991, 94, 153-162.	3.0	87
16	Sunlight as an energetic driver in the synthesis of molecules necessary for life. Physical Chemistry Chemical Physics, 2016, 18, 20067-20084.	2.8	85
17	Ultraviolet absorption spectroscopy of dissociating molecules: Effects of cluster formation on the photodissociation of CH ₃ I. Journal of Chemical Physics, 1987, 87, 2522-2530.	3.0	84
18	Photochemical Kinetics of Pyruvic Acid in Aqueous Solution. Journal of Physical Chemistry A, 2014, 118, 8505-8516.	2.5	80

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19	Picosecond dynamics of solution-phase photofragmentation of dimanganese decacarbonyl [Mn ₂ (CO) ₁₀]. Journal of the American Chemical Society, 1982, 104, 3536-3537.	13.7	77
20	Gas-phase water-mediated equilibrium between methylglyoxal and its geminal diol. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 6687-6692.	7.1	75
21	Dynamics of Vibrational Overtone Excited Pyruvic Acid in the Gas Phase: Line Broadening through Hydrogen-Atom Chattering. Journal of Physical Chemistry A, 2008, 112, 7321-7331.	2.5	74
22	Spectroscopy of Photoreactive Systems: Implications for Atmospheric Chemistry. Journal of Physical Chemistry A, 2009, 113, 5-18.	2.5	72
23	Multiphoton ionization study of intra- and intermolecular effects on the photodissociation of methyl iodide. Journal of Chemical Physics, 1988, 88, 3638-3645.	3.0	71
24	The photochemical dynamics of the $\tilde{A}^1\sigma_g^2$ state of chlorine dioxide. Journal of Chemical Physics, 1991, 94, 163-171.	3.0	70
25	Ocean-Atmosphere Interactions in the Emergence of Complexity in Simple Chemical Systems. Accounts of Chemical Research, 2012, 45, 2106-2113.	15.6	62
26	Medium effects on the photodissociation of hexacarbonylchromium (Cr(CO) ₆). The Journal of Physical Chemistry, 1982, 86, 1941-1947.	2.9	61
27	Fundamental and Overtone Vibrational Spectra of Gas-Phase Pyruvic Acid. Journal of Physical Chemistry A, 2009, 113, 7294-7303.	2.5	61
28	Ionization state of L-Phenylalanine at the Air-Water Interface. Journal of the American Chemical Society, 2013, 135, 710-716.	13.7	59
29	The multiphoton ionization spectra of pyridine and pyrazine. Chemical Physics, 1978, 28, 47-54.	1.9	58
30	Multiphase Photochemistry of Pyruvic Acid under Atmospheric Conditions. Journal of Physical Chemistry A, 2017, 121, 3327-3339.	2.5	57
31	Singlet and triplet exciton percolation in benzene isotopic mixed crystals. Journal of Chemical Physics, 1977, 67, 4941-4947.	3.0	56
32	Phenylalanine Increases Membrane Permeability. Journal of the American Chemical Society, 2017, 139, 14388-14391.	13.7	55
33	The (n0-3s) Rydberg state of acetone: absorption spectroscopy of jet-cooled acetone and acetone-d ₆ . The Journal of Physical Chemistry, 1988, 92, 2762-2766.	2.9	54
34	Direct Absorption Spectroscopy of Water Clusters—. Journal of Physical Chemistry A, 1999, 103, 8620-8624.	2.5	53
35	The direct ultraviolet absorption spectrum of the A'-A ² " .rarw. ~X'A1 transition of jet-cooled ammonia. The Journal of Physical Chemistry, 1984, 88, 3397-3400.	2.9	52
36	Aggregation of water molecules: Atmospheric implications. Journal of Chemical Physics, 2000, 113, 6652-6659.	3.0	50

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37	Hydration of pyruvic acid to its geminal-diol, 2,2-dihydroxypropanoic acid, in a water-restricted environment. <i>Chemical Physics Letters</i> , 2011, 513, 184-190.	2.6	50
38	Mechanistic Description of Photochemical Oligomer Formation from Aqueous Pyruvic Acid. <i>Journal of Physical Chemistry A</i> , 2017, 121, 4272-4282.	2.5	50
39	Multiphoton transitions in trans-butadiene observed by multiphoton ionization and thermal lensing spectroscopy. <i>Chemical Physics Letters</i> , 1978, 54, 25-29.	2.6	48
40	pH Dependence of the Aqueous Photochemistry of α -Keto Acids. <i>Journal of Physical Chemistry A</i> , 2017, 121, 8368-8379.	2.5	48
41	The determination of the manganese-manganese bond strength in $\text{Mn}_2(\text{CO})_{10}$ using pulsed time-resolved photoacoustic calorimetry. <i>Organometallics</i> , 1986, 5, 815-816.	2.3	47
42	Photoinitiated Synthesis of Self-Assembled Vesicles. <i>Journal of the American Chemical Society</i> , 2014, 136, 3784-3787.	13.7	47
43	Interaction of L-Phenylalanine with a Phospholipid Monolayer at the Water-Air Interface. <i>Journal of Physical Chemistry B</i> , 2015, 119, 9038-9048.	2.6	47
44	Cluster-induced potential shifts as a probe for dissociation dynamics in the (n0-3s) Rydberg state of acetone. <i>The Journal of Physical Chemistry</i> , 1988, 92, 2766-2769.	2.9	45
45	Vibrational overtone induced elimination reactions within hydrogen-bonded molecular clusters: the dynamics of water catalyzed reactions in $\text{CH}_2\text{FOH}\cdots(\text{H}_2\text{O})_n$. <i>Physical Chemistry Chemical Physics</i> , 2007, 9, 3864-3871.	2.8	44
46	Near Infrared Photochemistry of Pyruvic Acid in Aqueous Solution. <i>Journal of Physical Chemistry A</i> , 2012, 116, 5840-5846.	2.5	43
47	Application of time-resolved photoacoustic calorimetry to Cr-L bond enthalpies in $\text{Cr}(\text{CO})_5\text{L}$. <i>Polyhedron</i> , 1988, 7, 1619-1622.	2.2	42
48	Photolysis of sulfuric acid vapor by visible light as a source of the polar stratospheric CN layer. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	42
49	Permeability of Acetic Acid through Organic Films at the Air-Aqueous Interface. <i>Journal of Physical Chemistry A</i> , 2006, 110, 7581-7587.	2.5	42
50	Organic Peroxyl Radical Photolysis in the Near-Infrared: Effects on Tropospheric Chemistry. <i>Journal of Physical Chemistry A</i> , 1999, 103, 10169-10178.	2.5	41
51	Experimental and Theoretical Investigation of Vibrational Overtones of Glycolic Acid and Its Hydrogen Bonding Interactions with Water. <i>Journal of Physical Chemistry A</i> , 2006, 110, 6439-6446.	2.5	41
52	Gas-Phase Photolysis of Pyruvic Acid: The Effect of Pressure on Reaction Rates and Products. <i>Journal of Physical Chemistry A</i> , 2016, 120, 10123-10133.	2.5	41
53	Hydrophobic Collapse of a Stearic Acid Film by Adsorbed L-Phenylalanine at the Air-Water Interface. <i>Journal of Physical Chemistry B</i> , 2012, 116, 7849-7857.	2.6	40
54	Intramolecular Interactions in 2-Aminoethanol and 3-Aminopropanol. <i>Journal of Physical Chemistry A</i> , 2013, 117, 10260-10273.	2.5	40

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55	Aqueous Phase Oligomerization of Methyl Vinyl Ketone by Atmospheric Radical Reactions. Journal of Physical Chemistry C, 2014, 118, 29421-29430.	3.1	39
56	Water–Air Interfaces as Environments to Address the Water Paradox in Prebiotic Chemistry: A Physical Chemistry Perspective. Journal of Physical Chemistry A, 2021, 125, 4929-4942.	2.5	39
57	Electronic absorption spectroscopy of jet-cooled molecules. Accounts of Chemical Research, 1986, 19, 114-120.	15.6	38
58	Experimental absolute intensities of the $4\frac{1}{2}$ and $5\frac{1}{2}$ O–H stretching overtones of H ₂ SO ₄ . Chemical Physics Letters, 2006, 420, 438-442.	2.6	38
59	Ultraviolet absorption determination of intramolecular predissociation dynamics in methyl iodide dimers ((CH ₃ I) ₂ and (CD ₃ I) ₂). The Journal of Physical Chemistry, 1988, 92, 1204-1208.	2.9	37
60	Strength of the metal-ligand bond in LCr(CO) ₅ measured by photoacoustic calorimetry. Chemical Physics Letters, 1986, 125, 566-568.	2.6	35
61	Overtone Spectroscopy of Sulfonic Acid Derivatives. Journal of Physical Chemistry A, 2007, 111, 5434-5440.	2.5	35
62	Atmospheric Simulation Chamber Studies of the Gas-Phase Photolysis of Pyruvic Acid. Journal of Physical Chemistry A, 2017, 121, 8348-8358.	2.5	35
63	Prebiotic phosphorylation enabled by microdroplets. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 12359-12361.	7.1	35
64	Cavity-Enhanced Measurements of Hydrogen Peroxide Absorption Cross Sections from 353 to 410 nm. Journal of Physical Chemistry A, 2012, 116, 5941-5947.	2.5	34
65	Uptake of Chlorine Dioxide by Model Polar Stratospheric Cloud Surfaces: A Ultrahigh-Vacuum Studies. The Journal of Physical Chemistry, 1996, 100, 3115-3120.	2.9	33
66	Effect of Dimers on the Temperature-Dependent Absorption Cross Section of Methyl Iodide. The Journal of Physical Chemistry, 1996, 100, 11559-11565.	2.9	33
67	Photoreactivity of Oxygen Dimers in the Ultraviolet. The Journal of Physical Chemistry, 1996, 100, 7849-7853.	2.9	33
68	A comparison of experimental and calculated spectra of HNO ₃ in the near-infrared using Fourier transform infrared spectroscopy and vibrational perturbation theory. Journal of Chemical Physics, 2006, 124, 124323.	3.0	33
69	SH-Stretching Vibrational Spectra of Ethanethiol and <i>tert</i> -Butylthiol. Journal of Physical Chemistry A, 2009, 113, 7576-7583.	2.5	33
70	Atmospheric radical chemistry revisited. Science, 2016, 353, 650-650.	12.6	33
71	Atmospheric Hydroxyl Radical Source: Reaction of Triplet SO ₂ and Water. Journal of Physical Chemistry A, 2018, 122, 4465-4469.	2.5	33
72	Interfacial properties of mixed films of long-chain organics at the air–water interface. Atmospheric Environment, 2006, 40, 6606-6614.	4.1	32

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73	Environmental Processing of Lipids Driven by Aqueous Photochemistry of α -Keto Acids. ACS Central Science, 2018, 4, 624-630.	11.3	32
74	Electronic spectroscopy of organic acid dimers. Chemical Physics Letters, 2001, 343, 159-165.	2.6	30
75	Vapor-Phase Vibrational Spectrum of Glycolic Acid, CH ₂ OHCOOH, in the Region 2000~8500 cm ⁻¹ . Journal of Physical Chemistry A, 2004, 108, 9069-9073.	2.5	30
76	Will water act as a photocatalyst for cluster phase chemical reactions? Vibrational overtone-induced dehydration reaction of methanediol. Journal of Chemical Physics, 2012, 136, 164302.	3.0	30
77	Chemical Equilibria and Kinetics in Aqueous Solutions of Zymonic Acid. Journal of Physical Chemistry A, 2016, 120, 10096-10107.	2.5	30
78	Surface crossings and predissociation dynamics of methyl iodide Rydberg states. Journal of Chemical Physics, 1988, 88, 7410-7417.	3.0	29
79	Intramolecular Hydrogen Bonding in Methyl Lactate. Journal of Physical Chemistry A, 2015, 119, 9692-9702.	2.5	29
80	Chemistry and Photochemistry of Pyruvic Acid at the Air~Water Interface. Journal of Physical Chemistry A, 2021, 125, 1036-1049.	2.5	29
81	Fourier transform ultraviolet absorption spectroscopy of jet-cooled chlorine dioxide. The Journal of Physical Chemistry, 1989, 93, 6346-6350.	2.9	28
82	Uptake of Chlorine Dioxide by Model PSCs under Stratospheric Conditions. The Journal of Physical Chemistry, 1996, 100, 3121-3125.	2.9	27
83	Miscibility of Perfluorododecanoic Acid with Organic Acids at the Air~Water Interface. Journal of Physical Chemistry C, 2007, 111, 9975-9980.	3.1	27
84	Acetic acid formation via the hydration of gas-phase ketene under ambient conditions. Chemical Physics Letters, 2013, 565, 1-4.	2.6	27
85	Sunlight-Initiated Photochemistry: Excited Vibrational States of Atmospheric Chromophores. International Journal of Photoenergy, 2008, 2008, 1-13.	2.5	26
86	Sunlight-initiated Chemistry of Aqueous Pyruvic Acid: Building Complexity in the Origin of Life. Origins of Life and Evolution of Biospheres, 2013, 43, 341-352.	1.9	26
87	Photochemical Synthesis of Oligomeric Amphiphiles from Alkyl Oxoacids in Aqueous Environments. Journal of the American Chemical Society, 2017, 139, 6946-6959.	13.7	26
88	Electronic spectrum of carbon oxide sulfide (OCS) at 62,000-72,000 cm ⁻¹ . The Journal of Physical Chemistry, 1988, 92, 5875-5879.	2.9	25
89	Competing photochemical pathways of chlorine oxide (OCIO) in polar solution. The Journal of Physical Chemistry, 1991, 95, 6060-6063.	2.9	25
90	Calculated electronic transitions of the water ammonia complex. Journal of Chemical Physics, 2008, 128, 034302.	3.0	25

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91	Experimental and Theoretical Study of the OH Vibrational Spectra and Overtone Chemistry of Gas-Phase Vinylacetic Acid. Journal of Physical Chemistry A, 2008, 112, 10226-10235.	2.5	24
92	Oxidized Aromatic-Aliphatic Mixed Films at the Air-Aqueous Solution Interface. Journal of Physical Chemistry C, 2013, 117, 22341-22350.	3.1	24
93	Red sky at night: Long-wavelength photochemistry in the atmosphere. Environmental Science & Technology, 2010, 44, 5321-5326.	10.0	23
94	Heterogeneous Interactions between Gas-Phase Pyruvic Acid and Hydroxylated Silica Surfaces: A Combined Experimental and Theoretical Study. Journal of Physical Chemistry A, 2019, 123, 983-991.	2.5	23
95	Dynamics and spectroscopy of vibrational overtone excited glyoxylic acid and 2,2-dihydroxyacetic acid in the gas-phase. Journal of Chemical Physics, 2010, 132, 094305.	3.0	22
96	Phonon assisted trap-triplet energy migration in the 0 K limit in crystalline benzene. Journal of Chemical Physics, 1977, 66, 2187-2190.	3.0	21
97	Photofragmentation of transition-metal-cluster carbonyls in the gas phase. The Journal of Physical Chemistry, 1986, 90, 1235-1240.	2.9	21
98	Photodissociation of carbon oxide sulfide and carbon disulfide dimers: competing photochemical pathways. The Journal of Physical Chemistry, 1989, 93, 1836-1840.	2.9	21
99	Gas-phase hydrolysis of triplet SO ₂ : A possible direct route to atmospheric acid formation. Scientific Reports, 2016, 6, 30000.	3.3	21
100	Conformer-Specific Photolysis of Pyruvic Acid and the Effect of Water. Journal of Physical Chemistry A, 2020, 124, 1240-1252.	2.5	21
101	Gas phase infrared spectroscopic observation of the organic acid dimers (CH ₃ (CH ₂) ₆ COOH) ₂ , (CH ₃ (CH ₂) ₇ COOH) ₂ , and (CH ₃ (CH ₂) ₈ COOH) ₂ . Chemical Physics Letters, 2005, 402, 239-244.	2.6	20
102	Photodissociation yields for vibrationally excited states of sulfuric acid under atmospheric conditions. Geophysical Research Letters, 2007, 34, .	4.0	20
103	The spectroscopy of OCIO in polar liquids. Spectrochimica Acta Part A: Molecular Spectroscopy, 1992, 48, 1293-1301.	0.1	19
104	Ultraviolet Spectroscopy of the Gas Phase Hydration of Methylglyoxal. ACS Earth and Space Chemistry, 2017, 1, 345-352.	2.7	19
105	Spectroscopy of the (no-3s) Rydberg state of isolated and clustered acetaldehyde. The Journal of Physical Chemistry, 1988, 92, 5514-5517.	2.9	18
106	Emerging Areas in Atmospheric Photochemistry. Topics in Current Chemistry, 2012, 339, 1-53.	4.0	18
107	Dynamics of intermediates in the .alpha.- and .beta.-elimination processes in CpW(CO) ₂ Me and CpW(CO) ₂ Et measured on the microsecond time scale. Journal of the American Chemical Society, 1986, 108, 2511-2513.	13.7	17
108	Surface Partitioning and Stability of Pure and Mixed Films of 8-Fluorotelomer Alcohol at the Air-Water Interface. Journal of Physical Chemistry C, 2007, 111, 11612-11618.	3.1	17

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109	The Partitioning of Small Aromatic Molecules to Air–Water and Phospholipid Interfaces Mediated by Non-Hydrophobic Interactions. <i>Journal of Physical Chemistry B</i> , 2016, 120, 7408-7422.	2.6	17
110	Measurements of high-resolution ultraviolet-visible absorption cross sections at stratospheric temperatures: 1. Nitrogen dioxide. <i>Journal of Geophysical Research</i> , 1996, 101, 3869-3877.	3.3	15
111	Gas-Phase Reaction Kinetics of Pyruvic Acid with OH Radicals: The Role of Tunneling, Complex Formation, and Conformational Structure. <i>Journal of Physical Chemistry A</i> , 2020, 124, 790-800.	2.5	15
112	Intermolecular mixing of electronic states in chemically mixed molecular crystals. <i>Journal of Chemical Physics</i> , 1977, 67, 710-714.	3.0	14
113	Temperature-dependent infrared spectra of torsional vibrations in acetic acid. <i>Journal of Molecular Spectroscopy</i> , 2005, 229, 151-157.	1.2	14
114	Overtone Spectra of 2-Mercaptoethanol and 1,2-Ethanedithiol. <i>Journal of Physical Chemistry A</i> , 2010, 114, 12692-12700.	2.5	14
115	Local structure and triplet energy migration in p-dichlorobenzene-p-dibromobenzene solid solutions. <i>Molecular Physics</i> , 1978, 35, 965-974.	1.7	13
116	Effects of nonresonant ionization on multiphoton ionization line shapes. <i>Journal of Chemical Physics</i> , 1981, 75, 4403-4412.	3.0	13
117	Spectroscopic and photochemical perturbations of weak interactions on electronic surfaces of methyl iodide. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1990, 86, 2043.	1.7	13
118	Fourier transform UV/VIS emission spectroscopy of jet-cooled CN(B 2 Σ^+). <i>Chemical Physics Letters</i> , 1989, 157, 295-299.	2.6	12
119	Chemistry and Photochemistry of Pyruvic Acid Adsorbed on Oxide Surfaces. <i>Journal of Physical Chemistry A</i> , 2019, 123, 7661-7671.	2.5	12
120	Reply to Eugene et al.: Photochemistry of aqueous pyruvic acid. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E4276.	7.1	11
121	Absorption spectroscopy of jet-cooled CS ₂ : the linear excited state at 55741 to 60241 cm ⁻¹ . <i>Chemical Physics Letters</i> , 1991, 184, 152-158.	2.6	10
122	Gas-phase multiphoton dissociation of iron carbonyls. <i>The Journal of Physical Chemistry</i> , 1983, 87, 3635-3638.	2.9	9
123	Vibrational Spectroscopy of Perfluorocarboxylic Acids from the Infrared to the Visible Regions. <i>Journal of Physical Chemistry B</i> , 2008, 112, 276-282.	2.6	9
124	Direct absorption spectroscopy of the first excited electronic band of jet-cooled H ₂ S. <i>Chemical Physics Letters</i> , 1993, 215, 329-335.	2.6	8
125	Measurements of high-resolution ultraviolet-visible absorption cross sections at stratospheric temperatures: 2. Chlorine dioxide. <i>Journal of Geophysical Research</i> , 1996, 101, 3879-3884.	3.3	8
126	The primary photo-dissociation dynamics of lactate in aqueous solution: decarboxylation prevents dehydroxylation. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 4555-4568.	2.8	8

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127	Sequential Two-Photon Dissociation of Atmospheric Water. Journal of Physical Chemistry A, 2001, 105, 70-75.	2.5	7
128	Chemistry in Prebiotic Aerosols: A Mechanism for the Origin of Life. , 2004, , 153-165.		7
129	Characterization of the nitric acid–water complex in the infrared and near-infrared region at ambient temperatures in carbon tetrachloride. Chemical Physics Letters, 2009, 473, 268-273.	2.6	7
130	Lactic Acid Spectroscopy: Intra- and Intermolecular Interactions. Journal of Physical Chemistry A, 2021, 125, 218-229.	2.5	7
131	Photooxidation of CS ₂ in the near-ultraviolet and its atmospheric implications. Geophysical Research Letters, 1995, 22, 2609-2612.	4.0	6
132	Ocean Sea Spray, Clouds, and Climate. ACS Central Science, 2015, 1, 112-114.	11.3	5
133	Photoreactivity of Molecular Aggregates. Zeitschrift Fur Elektrotechnik Und Elektrochemie, 1992, 96, 395-399.	0.9	4
134	Comment on “Reactivity of Ketyl and Acetyl Radicals from Direct Solar Actinic Photolysis of Aqueous Pyruvic Acid”. Journal of Physical Chemistry A, 2017, 121, 8738-8740.	2.5	4
135	Reactivity of Electronically Excited SO ₂ with Alkanes. Journal of Physical Chemistry A, 2018, 122, 7782-7789.	2.5	4
136	Kinetic Study of Gas-Phase Reactions of Pyruvic Acid with HO ₂ . Journal of Physical Chemistry A, 2021, 125, 2232-2242.	2.5	4
137	Infrared spectroscopy of 2-oxo-octanoic acid in multiple phases. Physical Chemistry Chemical Physics, 2022, 24, 6757-6768.	2.8	4
138	Resolved emission from compound states in chemically mixed crystals. Journal of Chemical Physics, 1976, 64, 4224-4225.	3.0	3
139	Lactic acid photochemistry following excitation of S ₀ to S ₁ at 220 to 250 nm. Journal of Physical Organic Chemistry, 0, , e4316.	1.9	3
140	Gas-phase photofragmentation of Co ₃ (CO) ₉ CCH ₃ . Organometallics, 1989, 8, 1614-1615.	2.3	2
141	Spectroscopic Characterization of Supersonic Molecular Beams. Israel Journal of Chemistry, 1997, 37, 387-393.	2.3	2
142	Publications of Veronica Vaida. Journal of Physical Chemistry A, 2018, 122, 1168-1174.	2.5	1
143	Fourier transform spectroscopy of radicals. Advances in Molecular Structure Research, 1995, , 157-199.	0.3	1
144	Surface Activity of Perfluorinated Compounds at the Air-Water Interface. ACS Symposium Series, 2009, , 65-77.	0.5	0

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145	Introduction to the special issue on atmospheric spectroscopy. Journal of Molecular Spectroscopy, 2016, 323, 1.	1.2	0
146	Spectroscopy of Predissociating Molecules. , 1987, , 253-261.		0
147	Photodissociation of Gas Phase Metal Clusters. , 1989, , 353-367.		0
148	Aqueous Interfaces. , 2015, , 115-117.		0