Stephen E Bradforth

List of Publications by Year
in descending order

144	10,349	22153 59	33894 99
papers	citations	h-index	g-index

146	146	146	9749
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Controlling Symmetry Breaking Charge Transfer in BODIPY Pairs. Accounts of Chemical Research, 2022, 55, 1561-1572.	15.6	19
2	Role of the Perfluoro Effect in the Selective Photochemical Isomerization of Hexafluorobenzene. Journal of the American Chemical Society, 2021, 143, 7002-7012.	13.7	15
3	Spectroscopic evidence for a gold-coloured metallic water solution. Nature, 2021, 595, 673-676.	27.8	16
4	Electronic Structure of Liquid Alkanes: A Representative Case of Liquid Hexanes and Cyclohexane Studied Using Polarization-Dependent Two-Photon Absorption Spectroscopy. Journal of Physical Chemistry A, 2021, 125, 7988-7999.	2.5	2
5	Probing the Electronic Structure of Bulk Water at the Molecular Length Scale with Angle-Resolved Photoelectron Spectroscopy. Journal of Physical Chemistry Letters, 2020, 11, 5162-5170.	4.6	27
6	Photoelectron spectra of alkali metalâ€“ammonia microjets: From blue electrolyte to bronze metal. Science, 2020, 368, 1086-1091.	12.6	47
7	New Insights into the Charge-Transfer-to-Solvent Spectrum of Aqueous Iodide: Surface versus Bulk. Journal of Physical Chemistry Letters, 2020, 11, 1656-1661.	4.6	18
8	Deeply cooled and temperature controlled microjets: Liquid ammonia solutions released into vacuum for analysis by photoelectron spectroscopy. Review of Scientific Instruments, 2020, 91, 043101.	1.3	9
9	Photo-protection/photo-damage in natural systems: general discussion. Faraday Discussions, 2019, 216, 538-563.	3.2	4
10	Photo-induced electron transfer: general discussion. Faraday Discussions, 2019, 216, 434-459.	3.2	0
11	Effects of interfacial ligand type on hybrid P3HT:CdSe quantum dot solar cell device parameters. Journal of Chemical Physics, 2019, 151, 074704.	3.0	15
12	Symmetry breaking charge transfer as a means to study electron transfer with no driving force. Faraday Discussions, 2019, 216, 379-394.	3.2	46
13	Valence and Core-Level X-ray Photoelectron Spectroscopy of a Liquid Ammonia Microjet. Journal of the American Chemical Society, 2019, 141, 1838-1841.	13.7	28
14	Electronic Structure of Liquid Methanol and Ethanol from Polarization-Dependent Two-Photon Absorption Spectroscopy. Journal of Physical Chemistry A, 2019, 123, 5789-5804.	2.5	7
15	â€œQuick-Silverâ€•from a Systematic Study of Highly Luminescent, Two-Coordinate, d¹⁰ Coinage Metal Complexes. Journal of the American Chemical Society, 2019, 141, 8616-8626.	13.7	187
16	Symmetry-Breaking Charge Transfer in Boron Dipyridylmethene (DIPYR) Dimers. ACS Applied Energy Materials, 2018, 1, 1083-1095.	5.1	52
17	Exploring Redox Properties of Aromatic Amino Acids in Water: Contrasting Single Photon vs Resonant Multiphoton Ionization in Aqueous Solutions. Journal of Physical Chemistry B, 2018, 122, 3723-3733.	2.6	23
18	Precise characterisation of isolated molecules: general discussion. Faraday Discussions, 2018, 212, 137-155.	3.2	1

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19	Molecules in confinement in clusters, quantum solvents and matrices: general discussion. Faraday Discussions, 2018, 212, 569-601.	3.2	4
20	Molecules in confinement in liquid solvents: general discussion. Faraday Discussions, 2018, 212, 383-397.	3.2	1
21	Manipulating Triplet Yield through Control of Symmetry-Breaking Charge Transfer. Journal of Physical Chemistry Letters, 2018, 9, 3264-3270.	4.6	44
22	Linker-Dependent Singlet Fission in Tetracene Dimers. Journal of the American Chemical Society, 2018, 140, 10179-10190.	13.7	129
23	Scintillation Yield Estimates of Colloidal Cerium-Doped LaF3 Nanoparticles and Potential for â€œDeep PDTâ€• Radiation Research, 2018, 190, 28.	1.5	6
24	The influence of aqueous solvent on the electronic structure and non-adiabatic dynamics of indole explored by liquid-jet photoelectron spectroscopy. Faraday Discussions, 2018, 212, 359-381.	3.2	15
25	Defects Cause Subgap Luminescence from a Crystalline Tetracene Derivative. Journal of Physical Chemistry Letters, 2017, 8, 5993-6001.	4.6	6
26	Electronic structure of aqueous solutions: Bridging the gap between theory and experiments. Science Advances, 2017, 3, e1603210.	10.3	49
27	Vibronic Structure in Room Temperature Photoluminescence of the Halide Perovskite Cs₃Bi₂Br₉. Inorganic Chemistry, 2017, 56, 42-45.	4.0	129
28	Decoupling inter- and intra-dimer singlet fission. , 2017, , .		2
29	Valence Electronic Structure of Aqueous Solutions: Insights from Photoelectron Spectroscopy. Annual Review of Physical Chemistry, 2016, 67, 283-305.	10.8	78
30	Synthesis and characterization of biologically stable, doped LaF3 nanoparticles co-conjugated to PEG and photosensitizers. Journal of Photochemistry and Photobiology A: Chemistry, 2016, 329, 26-34.	3.9	20
31	Lanthanum fluoride nanoparticles for radiosensitization of tumors. Proceedings of SPIE, 2016, , .	0.8	4
32	Iodide-Passivated Colloidal PbS Nanocrystals Leading to Highly Efficient Polymer:Nanocrystal Hybrid Solar Cells. Chemistry of Materials, 2016, 28, 1897-1906.	6.7	71
33	Singlet Fission in a Covalently Linked Cofacial Alkynyltetracene Dimer. Journal of the American Chemical Society, 2016, 138, 617-627.	13.7	248
34	University learning: Improve undergraduate science education. Nature, 2015, 523, 282-284.	27.8	122
35	Controlling the Trap State Landscape of Colloidal CdSe Nanocrystals with Cadmium Halide Ligands. Chemistry of Materials, 2015, 27, 744-756.	6.7	58
36	Deconvoluting contributions of photoexcited species in polymer-quantum dot hybrid photovoltaic materials. Journal of Photonics for Energy, 2015, 5, 057404.	1.3	1

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37	Evidence of energy transfer in nanoparticle-porphyrins conjugates for radiation therapy enhancement. Proceedings of SPIE, 2015, , .	0.8	1
38	Symmetry-Breaking Charge Transfer in a Zinc Chlorodipyrrin Acceptor for High Open Circuit Voltage Organic Photovoltaics. Journal of the American Chemical Society, 2015, 137, 5397-5405.	13.7	82
39	Exploring Autoionization and Photoinduced Proton-Coupled Electron Transfer Pathways of Phenol in Aqueous Solution. Journal of Physical Chemistry Letters, 2015, 6, 4159-4164.	4.6	47
40	Absolute polaron yield of donor-acceptor P3HT:fullerene bulk heterojunction composites. , 2015, , .		0
41	Oxidation Half-Reaction of Aqueous Nucleosides and Nucleotides via Photoelectron Spectroscopy Augmented by ab Initio Calculations. Journal of the American Chemical Society, 2015, 137, 201-209.	13.7	69
42	Nuclear uptake of ultrasmall gold-doxorubicin conjugates imaged by fluorescence lifetime imaging microscopy (FLIM) and electron microscopy. Nanoscale, 2015, 7, 240-251.	5.6	45
43	Ultrafast electron transfer from low band gap conjugated polymer to quantum dots in hybrid photovoltaic materials. , 2014, , .		1
44	On The Possibility of Combining Radiotherapy and Photodynamic Therapy. , 2014, , .		1
45	Photoluminescence of cerium fluoride and cerium-doped lanthanum fluoride nanoparticles and investigation of energy transfer to photosensitizer molecules. Physical Chemistry Chemical Physics, 2014, 16, 12441-12453.	2.8	38
46	Quantifying Charge Recombination in Solar Cells Based on Donorâ€“Acceptor P3HT Analogues. Journal of Physical Chemistry C, 2014, 118, 6650-6660.	3.1	6
47	Symmetry-Breaking Charge Transfer of Visible Light Absorbing Systems: Zinc Dipyrrins. Journal of Physical Chemistry C, 2014, 118, 21834-21845.	3.1	103
48	Chalcogenol Ligand Toolbox for CdSe Nanocrystals and Their Influence on Exciton Relaxation Pathways. ACS Nano, 2014, 8, 2512-2521.	14.6	48
49	Differential effects of Î²-mercaptoethanol on CdSe/ZnS and InP/ZnS quantum dots. Physical Chemistry Chemical Physics, 2013, 15, 10418.	2.8	10
50	Photon quenching in InGaN quantum well light emitting devices. Applied Physics Letters, 2013, 103, 041123.	3.3	6
51	Unexpectedly Small Effect of the DNA Environment on Vertical Ionization Energies of Aqueous Nucleobases. Journal of Physical Chemistry Letters, 2013, 4, 3766-3769.	4.6	36
52	Photoelectron Angular Distributions from Liquid Water: Effects of Electron Scattering. Physical Review Letters, 2013, 111, 173005.	7.8	132
53	Direct Spectroscopic Evidence of Ultrafast Electron Transfer from a Low Band Gap Polymer to CdSe Quantum Dots in Hybrid Photovoltaic Thin Films. Journal of the American Chemical Society, 2013, 135, 18418-18426.	13.7	34
54	Fused Porphyrinâ€“Single-Walled Carbon Nanotube Hybrids: Efficient Formation and Photophysical Characterization. ACS Nano, 2013, 7, 3466-3475.	14.6	67

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55	Emission of Macrocyclic and Linear Poly(2-vinylnaphthalene): Observation of Two Excimer Populations in Macrocycles. Journal of Physical Chemistry C, 2013, 117, 10244-10256.	3.1	7
56	Comparing molecular photofragmentation dynamics in the gas and liquid phases. Physical Chemistry Chemical Physics, 2013, 15, 6567.	2.8	68
57	On the nature and origin of dicationic, charge-separated species formed in liquid water on X-ray irradiation. Nature Chemistry, 2013, 5, 590-596.	13.6	101
58	Exploring the Energy Disposal Immediately After Bond-Breaking in Solution: The Wavelength-Dependent Excited State Dissociation Pathways of para-Methylthiophenol. Journal of Physical Chemistry A, 2013, 117, 12125-12137.	2.5	15
59	Tribute to Curt Wittig. Journal of Physical Chemistry A, 2013, 117, 11605-11607.	2.5	0
60	Aqueous Colloidal Acene Nanoparticles: A New Platform for Studying Singlet Fission. Journal of Physical Chemistry B, 2013, 117, 15519-15526.	2.6	47
61	Contrasting the excited state reaction pathways of phenol and para-methylthiophenol in the gas and liquid phases. Faraday Discussions, 2012, 157, 141.	3.2	71
62	Effects of Î²-Mercaptoethanol on Quantum Dot Emission Evaluated from Photoluminescence Decays. Journal of Physical Chemistry C, 2012, 116, 2728-2739.	3.1	13
63	Symmetry-breaking intramolecular charge transfer in the excited state of meso-linked BODIPY dyads. Chemical Communications, 2012, 48, 284-286.	4.1	137
64	First-Principle Protocol for Calculating Ionization Energies and Redox Potentials of Solvated Molecules and Ions: Theory and Application to Aqueous Phenol and Phenolate. Journal of Physical Chemistry B, 2012, 116, 7269-7280.	2.6	113
65	Transforming Anion Instability into Stability: Contrasting Photoionization of Three Protonation Forms of the Phosphate Ion upon Moving into Water. Journal of Physical Chemistry B, 2012, 116, 13254-13264.	2.6	48
66	Efficient Singlet Fission Discovered in a Disordered Acene Film. Journal of the American Chemical Society, 2012, 134, 6388-6400.	13.7	275
67	Improving Open Circuit Potential in Hybrid P3HT:CdSe Bulk Heterojunction Solar Cells via Colloidal tert-Butylthiol Ligand Exchange. ACS Nano, 2012, 6, 4222-4230.	14.6	105
68	The dynamical role of solvent on the ICN photodissociation reaction: connecting experimental observables directly with molecular dynamics simulations. Physical Chemistry Chemical Physics, 2011, 13, 8269.	2.8	39
69	Linking photochemistry in the gas and solution phase: Sâ€“H bond fission in p-methylthiophenol following UV photoexcitation. Faraday Discussions, 2011, 150, 439.	3.2	38
70	Singlet and Triplet Excitation Management in a Bichromophoric Near-Infrared-Phosphorescent BODIPY-Benzoporphyrin Platinum Complex. Journal of the American Chemical Society, 2011, 133, 88-96.	13.7	147
71	Ultrafast Hybridization Screening in Fe³⁺ Aqueous Solution. Journal of the American Chemical Society, 2011, 133, 12528-12535.	13.7	38
72	Observation of Triplet Exciton Formation in a Platinum-Sensitized Organic Photovoltaic Device. Journal of Physical Chemistry Letters, 2011, 2, 48-54.	4.6	41

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73	Broadband Spectral Probing Revealing Ultrafast Photochemical Branching after Ultraviolet Excitation of the Aqueous Phenolate Anion. Journal of Physical Chemistry A, 2011, 115, 3807-3819.	2.5	54
74	Ionization of Purine Tautomers in Nucleobases, Nucleosides, and Nucleotides: From the Gas Phase to the Aqueous Environment. Journal of Physical Chemistry B, 2011, 115, 1294-1305.	2.6	71
75	Tracking State-to-State Bimolecular Reaction Dynamics in Solution. Science, 2011, 331, 1398-1399.	12.6	3
76	Wavelength dependence of ultraviolet radiationâ€induced DNA damage as determined by laser irradiation suggests that cyclobutane pyrimidine dimers are the principal DNA lesions produced by terrestrial sunlight. FASEB Journal, 2011, 25, 3079-3091.	0.5	118
77	Chasing charge localization and chemical reactivity following photoionization in liquid water. Journal of Chemical Physics, 2011, 135, 224510.	3.0	90
78	Photoelectron spectroscopy of liquid water and aqueous solution: Electron effective attenuation lengths and emission-angle anisotropy. Journal of Electron Spectroscopy and Related Phenomena, 2010, 177, 60-70.	1.7	164
79	Interfacial Charge Transfer between CdTe Quantum Dots and Gram Negative Vs Gram Positive Bacteria. Environmental Science & Technology, 2010, 44, 1464-1470.	10.0	70
80	Hydrogen Forms in Water by Proton Transfer to a Distorted Electron. Journal of Physical Chemistry B, 2010, 114, 915-920.	2.6	33
81	Gires-Tournois interferometer type negative dispersion mirrors for deep ultraviolet pulse compression. Optics Express, 2010, 18, 18615.	3.4	22
82	Electronic structure of liquid water from polarization-dependent two-photon absorption spectroscopy. Journal of Chemical Physics, 2009, 130, 084501.	3.0	57
83	Photoenhancement of quantum dots and conjugates measured by time-resolved spectroscopy. , 2009, , .		3
84	Synthesis and Spectroscopy of Poly(9,9-dihexylfluorene-2,7-diyl-co-9,9-dihexylfluorene-3,6-diyl)s and Their Model Oligomers. Macromolecules, 2009, 42, 6440-6447.	4.8	23
85	Photoenhancement of lifetimes in CdSe/ZnS and CdTe quantum dot-dopamine conjugates. Physical Chemistry Chemical Physics, 2009, 11, 4298.	2.8	47
86	Ionization Energies of Aqueous Nucleic Acids: Photoelectron Spectroscopy of Pyrimidine Nucleosides and ab Initio Calculations. Journal of the American Chemical Society, 2009, 131, 6460-6467.	13.7	134
87	Degree of Initial Hole Localization/Delocalization in Ionized Water Clusters. Journal of Physical Chemistry A, 2009, 113, 4423-4429.	2.5	35
88	Photoionization of atmospheric gases studied by time-resolved terahertz spectroscopy. Chemical Physics Letters, 2008, 465, 20-24.	2.6	7
89	The Ultrafast Dynamics of Photodetachment. Annual Review of Physical Chemistry, 2008, 59, 203-231.	10.8	132
90	Electronic Structure of the Water Dimer Cation. Journal of Physical Chemistry A, 2008, 112, 6159-6170.	2.5	84

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91	Investigation of Macrocyclic Polymers as Artificial Light Harvesters: Subpicosecond Energy Transfer in Poly(9,9-dimethyl-2-vinylfluorene). Journal of Physical Chemistry B, 2008, 112, 16367-16381.	2.6	22
92	Charge localization and Jahnâ€“Teller distortions in the benzene dimer cation. Journal of Chemical Physics, 2008, 129, 074104.	3.0	88
93	Electronic structure of the benzene dimer cation. Journal of Chemical Physics, 2007, 127, 044317.	3.0	61
94	Benchmark full configuration interaction and equation-of-motion coupled-cluster model with single and double substitutions for ionized systems results for prototypical charge transfer systems: Noncovalent ionized dimers. Journal of Chemical Physics, 2007, 127, 164110.	3.0	85
95	Excited state dynamics of liquid water: Insight from the dissociation reaction following two-photon excitation. Journal of Chemical Physics, 2007, 126, 164503.	3.0	74
96	Transition State Spectroscopy of Bimolecular Reactions Using Negative Ion Photodetachment. Advances in Chemical Physics, 2007, , 1-61.	0.3	52
97	Tracking Photoionization and Photodetachment Processes in Liquid Water. , 2007, , .		0
98	Rotational Coherence and a Sudden Breakdown in Linear Response Seen in Room-Temperature Liquids. Science, 2006, 311, 1907-1911.	12.6	89
99	Spectroscopy of the Cyano Radical in an Aqueous Environment. Journal of Physical Chemistry A, 2006, 110, 4854-4865.	2.5	21
100	Electron Photodetachment from Aqueous Anions. 3. Dynamics of Geminate Pairs Derived from Photoexcitation of Mono- vs Polyatomic Anions. Journal of Physical Chemistry A, 2006, 110, 9071-9078.	2.5	51
101	Electron Binding Energies of Hydrated H3O+and OH-:Â Photoelectron Spectroscopy of Aqueous Acid and Base Solutions Combined with Electronic Structure Calculations. Journal of the American Chemical Society, 2006, 128, 3864-3865.	13.7	93
102	Absence of a Signature of Aqueous I(2P1/2) after 200-nm Photodetachment of I-(aq). Journal of Physical Chemistry A, 2006, 110, 10947-10955.	2.5	32
103	Photophysics of dopamine-modified quantum dots and effects on biological systems. Nature Materials, 2006, 5, 409-417.	27.5	303
104	Labeling of subcellular redox potential with dopamine-conjugated quantum dots. , 2006, 6096, 100.		3
105	Excitation-energy dependence of the mechanism for two-photon ionization of liquid H2O and D2O from 8.3to12.4eV. Journal of Chemical Physics, 2006, 125, 044515.	3.0	108
106	Solvent effects on geminate recombination dynamics after photodetachment. Radiation Physics and Chemistry, 2005, 72, 159-167.	2.8	36
107	Nonresonant ionization of oxygen molecules by femtosecond pulses: Plasma dynamics studied by time-resolved terahertz spectroscopy. Journal of Chemical Physics, 2005, 123, 104310.	3.0	32
108	Electron Binding Energies of Aqueous Alkali and Halide Ions:Â EUV Photoelectron Spectroscopy of Liquid Solutions and Combined Ab Initio and Molecular Dynamics Calculations. Journal of the American Chemical Society, 2005, 127, 7203-7214.	13.7	111

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109	Role of Water in Electron-Initiated Processes and Radical Chemistry:â€‰ Issues and Scientific Advances. Chemical Reviews, 2005, 105, 355-390.	47.7	560
110	Photophysical Properties of Biologically Compatible CdSe Quantum Dot Structures. Journal of Physical Chemistry B, 2005, 109, 9996-10003.	2.6	183
111	Tunable 30-femtosecond pulses across the deep ultraviolet. Applied Physics Letters, 2005, 87, 021107.	3.3	61
112	Ultrafast dynamics for electron photodetachment from aqueous hydroxide. Journal of Chemical Physics, 2004, 120, 11712-11725.	3.0	59
113	Electron Photodetachment from Aqueous Anions. 2. Ionic Strength Effect on Geminate Recombination Dynamics and Quantum Yield for Hydrated Electron. Journal of Physical Chemistry A, 2004, 108, 10414-10425.	2.5	40
114	Ultraviolet Absorption and Fluorescence Emission Spectroscopic Studies of Macrocyclic and Linear Poly(9,9-dimethyl-2-vinylfluorene). Evidence for Ground-State Chromophore Interactions. Macromolecules, 2003, 36, 9966-9970.	4.8	11
115	Flowing liquid sample jet for resonance Raman and ultrafast optical spectroscopy. Review of Scientific Instruments, 2003, 74, 4958-4960.	1.3	125
116	Photodissociation of ICN in polar solvents: Evidence for long lived rotational excitation in room temperature liquids. Journal of Chemical Physics, 2003, 119, 4500-4515.	3.0	49
117	Time-resolved scavenging and recombination dynamics from I:eâ˜ caged pairs. Journal of Chemical Physics, 2002, 117, 766-778.	3.0	65
118	Excited States of Iodide Anions in Water:â€‰ A Comparison of the Electronic Structure in Clusters and in Bulk Solution. Journal of Physical Chemistry A, 2002, 106, 1286-1298.	2.5	119
119	Characterization and Fluorescence of Macrocyclic Polystyrene by Anionic End to End Coupling. Role of Coupling Reagents. Macromolecules, 2002, 35, 3856-3865.	4.8	46
120	Electron Photodetachment in Solution. ACS Symposium Series, 2002, , 108-121.	0.5	8
121	Map for the Relaxation Dynamics of Hot Photoelectrons Injected into Liquid Water via Anion Threshold Photodetachment and above Threshold Solvent Ionization. Journal of Physical Chemistry A, 2001, 105, 1711-1723.	2.5	129
122	Electron photodetachment from [Fe(CN)6]4â˜: photoelectron relaxation and geminate recombination. Chemical Physics Letters, 2001, 342, 277-286.	2.6	30
123	Femtosecond Study of Electron Photodetachment from Complex Anions: Fe(CN)6 4- and CuBr2 - in H20. Springer Series in Chemical Physics, 2001, , 476-478.	0.2	1
124	The ejection distribution of solvated electrons generated by the one-photon photodetachment of aqueous Iâ˜ and two-photon ionization of the solvent. Journal of Chemical Physics, 2000, 113, 6288-6307.	3.0	184
125	Femtosecond dynamics of photodetachment of the iodide anion in solution: resonant excitation into the charge-transfer-to-solvent state. Chemical Physics Letters, 1998, 298, 120-128.	2.6	121
126	Internal conversion and energy transfer dynamics of spheroidene in solution and in the LH-1 and LH-2 light-harvesting complexes. Chemical Physics Letters, 1996, 259, 381-390.	2.6	123

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127	Electronic Excitation Transfer in the LH2 Complex ofRhodobacter sphaeroides. The Journal of Physical Chemistry, 1996, 100, 6825-6834.	2.9	303
128	Study of Iâ˜'(CO2)n, Brâ˜'(CO2)n, and Iâ˜'(N2O)n clusters by anion photoelectron spectroscopy. Journal of Chemical Physics, 1995, 102, 3510-3518.	3.0	92
129	Study of HCO2and DCO2by negative ion photoelectron spectroscopy. Journal of Chemical Physics, 1995, 103, 7801-7814.	3.0	119
130	Study of halogenâ€"carbon dioxide clusters and the fluoroformyloxyl radical by photodetachment of Xâ˜'(CO2) (X=I,Cl,Br) and FCOâ˜'2. Journal of Chemical Physics, 1995, 102, 3493-3509.	3.0	125
131	Excitation Transfer in the Core Light-Harvesting Complex (LH-1) of Rhodobacter sphaeroides: An Ultrafast Fluorescence Depolarization and Annihilation Study. The Journal of Physical Chemistry, 1995, 99, 16179-16191.	2.9	295
132	Femtosecond Wavepacket Spectroscopy: Influence of Temperature, Wavelength, and Pulse Duration. The Journal of Physical Chemistry, 1995, 99, 2594-2608.	2.9	163
133	Experimental and theoretical study of the O+HCl transition state region by photodetachment of OHClâ˜'. Journal of Chemical Physics, 1994, 101, 4708-4721.	3.0	42
134	The Transition State of the F + H2 Reaction. Science, 1993, 262, 1852-1855.	12.6	256
135	Photoelectron spectroscopy of CNâ˜', NCOâ˜', and NCSâ˜'. Journal of Chemical Physics, 1993, 98, 800-810.	3.0	261
136	Experimental and theoretical studies of the F+H2transition state region via photoelectron spectroscopy of FHâ˜'2. Journal of Chemical Physics, 1993, 99, 6345-6359.	3.0	114
137	Anion photoelectron spectroscopy of iodineâ€"carbon dioxide clusters. Journal of Chemical Physics, 1992, 97, 9468-9471.	3.0	52
138	Broadband transient infrared laser spectroscopy of trifluorovinyl radical C2F3.cntdot.: experimental and ab initio results. The Journal of Physical Chemistry, 1991, 95, 2932-2937.	2.9	9
139	Vibrationally resolved spectra of C2â€"C11 by anion photoelectron spectroscopy. Journal of Chemical Physics, 1991, 95, 8753-8764.	3.0	302
140	Examination of the2Aâ€™2and2Eâ€˜ states of NO3by ultraviolet photoelectron spectroscopy of NOâ˜'3. Journal of Chemical Physics, 1991, 94, 1740-1751.	3.0	171
141	Investigation of the F+H2 transition state region via photoelectron spectroscopy of the FHâ˜'2 anion. Journal of Chemical Physics, 1990, 93, 5352-5353.	3.0	59
142	Examination of the Br+HI, Cl+HI, and F+HI hydrogen abstraction reactions by photoelectron spectroscopy of BrHIâ˜', ClHIâ˜', and FHIâ˜'. Journal of Chemical Physics, 1990, 92, 7205-7222.	3.0	71
143	Observation of the Ã¬*f*(2B2) and Cì*f*(2A2) states of NO2 by negative ion photoelectron spectroscopy of NOâ˜'2. Journal of Chemical Physics, 1989, 90, 2070-2071.	3.0	54
144	Rationalizing the Surface Structure of CsPbBr3 Perovskite QDs upon Post-synthesis Surface Treatments by Solid-State NMR Spectroscopy. , 0, , .		0