

# Masahiro Kawasaki

## List of Publications by Year in descending order

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200  
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4,554  
citations

94433

37  
h-index

189892

50  
g-index

206  
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206  
docs citations

206  
times ranked

2399  
citing authors

#	ARTICLE	IF	CITATIONS
1	Semiconducting properties of p- and n-type organic nanofiber/poly(methyl methacrylate) composite films for film rectifier. <i>Synthetic Metals</i> , 2016, 213, 1-6.	3.9	7
2	UV-Light-Induced Water Condensation in Air and the Role of Hydrogen Peroxide. <i>Bulletin of the Chemical Society of Japan</i> , 2014, 87, 593-602.	3.2	14
3	Photochemical reaction processes during vacuum-ultraviolet irradiation of water ice. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2013, 16, 46-61.	11.6	28
4	Thin, transparent conductive films fabricated from conducting polymer nanofibers. <i>Polymer Journal</i> , 2013, 45, 819-823.	2.7	17
5	Iodine Emission in the Presence of Humic Substances at the Water's Surface. <i>Journal of Physical Chemistry A</i> , 2012, 116, 5779-5783.	2.5	17
6	Microscopic conduction pathways of poly(3-hexylthiophene) nanofibers embedded in polymer film. <i>Polymer Journal</i> , 2012, 44, 371-374.	2.7	9
7	A theoretical and experimental study on translational and internal energies of H <sub>2</sub> O and OH from the 157 nm irradiation of amorphous solid water at 90 K. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 15810.	2.8	16
8	Ab initio theoretical calculations of the electronic excitation energies of small water clusters. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 20745.	2.8	7
9	Surface abundance change in vacuum ultraviolet photodissociation of CO <sub>2</sub> and H <sub>2</sub> O mixture ices. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 15785.	2.8	3
10	Weak Acids Enhance Halogen Activation on Atmospheric Water's Surfaces. <i>Journal of Physical Chemistry A</i> , 2011, 115, 4935-4940.	2.5	40
11	Ion Formation Processes in Laser Ablation of Multicomponent Inorganic Particles Relevant to Single Particle Laser Analysis of Atmospheric Aerosols. <i>Chemistry Letters</i> , 2011, 40, 446-448.	1.3	1
12	Translational and rotational energy measurements of desorbed water molecules in their vibrational ground state following 157nm irradiation of amorphous solid water. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2011, 269, 1011-1015.	1.4	3
13	Characterization of Aerosol Particles in the Tokyo Metropolitan Area using Two Different Particle Mass Spectrometers. <i>Aerosol Science and Technology</i> , 2011, 45, 315-326.	3.1	11
14	Effective Interaction Energies for Weakly Bound Dimers at Room Temperature: (H <sub>2</sub> O) <sub>2</sub> , (N <sub>2</sub> O) <sub>2</sub> , (CO <sub>2</sub> ) <sub>2</sub> , and (HCHO) <sub>2</sub> . <i>Chemistry Letters</i> , 2010, 39, 296-297.	1.3	1
15	Measurements of aerosol optical properties in central Tokyo during summertime using cavity ring-down spectroscopy: Comparison with conventional techniques. <i>Atmospheric Environment</i> , 2010, 44, 3034-3042.	4.1	31
16	Absorption spectrum of nitrous acid for the $\hat{1}\frac{1}{2}1+2\hat{1}\frac{1}{2}3$ band studied with continuous-wave cavity ring-down spectroscopy and theoretical calculations. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2010, 111, 45-51.	2.3	9
17	A desorption mechanism of water following vacuum-ultraviolet irradiation on amorphous solid water at 90 K. <i>Journal of Chemical Physics</i> , 2010, 132, 164508.	3.0	40
18	Role of OH radicals in the formation of oxygen molecules following vacuum ultraviolet photodissociation of amorphous solid water. <i>Journal of Chemical Physics</i> , 2010, 133, 104504.	3.0	12

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19	Heterogeneous Reaction of Gaseous Ozone with Aqueous Iodide in the Presence of Aqueous Organic Species. <i>Journal of Physical Chemistry A</i> , 2010, 114, 6016-6021.	2.5	52
20	Translational and internal states of hydrogen molecules produced from the ultraviolet photodissociation of amorphous solid methanol. <i>Journal of Chemical Physics</i> , 2009, 130, 164505.	3.0	9
21	Formation mechanisms of oxygen atoms in the O(D21) state from the 157nm photoirradiation of amorphous water ice at 90K. <i>Journal of Chemical Physics</i> , 2009, 131, 114510.	3.0	19
22	Direct Emission of I <sub>2</sub> Molecule and IO Radical from the Heterogeneous Reactions of Gaseous Ozone with Aqueous Potassium Iodide Solution. <i>Journal of Physical Chemistry A</i> , 2009, 113, 7707-7713.	2.5	75
23	TRANSLATIONAL AND ROTATIONAL ENERGY MEASUREMENTS OF PHOTODESORBED WATER MOLECULES IN THEIR VIBRATIONAL GROUND STATE FROM AMORPHOUS SOLID WATER. <i>Astrophysical Journal</i> , 2009, 699, L80-L83.	4.5	33
24	Formation mechanisms of oxygen atoms in the O(P3) state from the 157nm photoirradiation of amorphous water ice at 90K. <i>Journal of Chemical Physics</i> , 2009, 131, 114511.	3.0	18
25	Desorption of hydroxyl radicals in the vacuum ultraviolet photolysis of amorphous solid water at 90 K. <i>Journal of Chemical Physics</i> , 2009, 131, 054508.	3.0	29
26	Translational and internal energy distributions of methyl and hydroxyl radicals produced by 157nm photodissociation of amorphous solid methanol. <i>Journal of Chemical Physics</i> , 2009, 131, 224512.	3.0	14
27	Atmospheric Chemistry of BrO Radicals: Kinetics of the Reaction with C <sub>2</sub> H <sub>5</sub> O <sub>2</sub> Radicals at 233~333 K. <i>Journal of Physical Chemistry A</i> , 2009, 113, 10231-10237.	2.5	8
28	Near-infrared Cavity Ring-down Spectroscopic Study of the Reaction of Methylperoxy Radical with Nitrogen Monoxide. <i>Chemistry Letters</i> , 2009, 38, 80-81.	1.3	3
29	Optical Properties and Chemical Compositions of Iodine-Containing Aerosols Produced from the Atmospheric Photolysis of Methylene Iodide in the Presence of Ozone. <i>Bulletin of the Chemical Society of Japan</i> , 2009, 82, 910-913.	3.2	5
30	Photodissociation dynamics of OCS and CS <sub>2</sub> adsorbed on water ice films at 193nm. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2008, 195, 330-336.	3.9	4
31	Hydrogen peroxide formation following the vacuum ultraviolet photodissociation of water ice films at 90K. <i>Journal of Chemical Physics</i> , 2008, 129, 014709.	3.0	27
32	Direct Observation of OH Radicals Ejected from Water Ice Surface in the Photoirradiation of Nitrate Adsorbed on Ice at 100 K. <i>Journal of Physical Chemistry A</i> , 2008, 112, 9763-9766.	2.5	9
33	Release of hydrogen molecules from the photodissociation of amorphous solid water and polycrystalline ice at 157 and 193nm. <i>Journal of Chemical Physics</i> , 2008, 129, 044501.	3.0	29
34	Study of the Temperature Dependence of the Reaction of NO <sub>3</sub> with CH <sub>3</sub> I and the Estimation of Its Impact on Atmospheric Iodine Chemistry. <i>Bulletin of the Chemical Society of Japan</i> , 2008, 81, 938-946.	3.2	6
35	Reaction Mechanisms of IO Radical Formation from the Reaction of CH <sub>3</sub> I with Cl Atom in the Presence of O <sub>2</sub> . <i>Bulletin of the Chemical Society of Japan</i> , 2008, 81, 1250-1257.	3.2	16
36	Measurements of Energy Partitioning in H <sub>2</sub> Formation by Photolysis of Amorphous Water Ice. <i>Astrophysical Journal</i> , 2008, 682, L69-L72.	4.5	28

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37	Vacuum ultraviolet photodissociation and surface morphology change of water ice films dosed with hydrogen chloride. <i>Journal of Chemical Physics</i> , 2007, 127, 154721.	3.0	7
38	Release of Oxygen Atoms and Nitric Oxide Molecules from the Ultraviolet Photodissociation of Nitrate Adsorbed on Water Ice Films at 100 K. <i>Journal of Physical Chemistry A</i> , 2007, 111, 8629-8634.	2.5	15
39	A Gas-Phase Kinetic Study of the Reaction between Bromine Monoxide and Methylperoxy Radicals at Atmospheric Temperatures. <i>Journal of Physical Chemistry A</i> , 2007, 111, 3342-3348.	2.5	16
40	Nitroxide-Mediated Radical Polymerization in Microemulsion. <i>Macromolecular Rapid Communications</i> , 2007, 28, 2346-2353.	3.9	40
41	Atom Transfer Radical Polymerization of <i>iso</i> -Butyl Methacrylate in Microemulsion with Cationic and Nonionic Emulsifiers. <i>Macromolecular Rapid Communications</i> , 2007, 28, 2354-2360.	3.9	34
42	A kinetic study of the gas-phase reactions of IO with NO, NO <sub>2</sub> , and Cl <sub>2</sub> . <i>International Journal of Chemical Kinetics</i> , 2007, 39, 688-693.	1.6	3
43	Formation of the iodine monoxide radical from gas-phase reactions of iodoalkyl radicals with molecular oxygen. <i>Chemical Physics Letters</i> , 2007, 445, 152-156.	2.6	13
44	Buffer-gas pressure broadening for the (0003)←(0000) band of N <sub>2</sub> O measured with continuous-wave cavity ring-down spectroscopy. <i>Chemical Physics</i> , 2007, 334, 196-203.	1.9	16
45	Study of chemical reactions with cavity ring-down spectroscopy. <i>The Review of Laser Engineering</i> , 2007, 35, 8-9.	0.0	0
46	Kinetic Study of IO Radical with RO <sub>2</sub> (R = CH <sub>3</sub> , C <sub>2</sub> H <sub>5</sub> , and CF <sub>3</sub> ) Using Cavity Ring-Down Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2006, 110, 9861-9866.	2.5	31
47	Temperature and Pressure Dependence of the Rate Constants of the Reaction of NO <sub>3</sub> Radical with CH <sub>3</sub> SCH <sub>3</sub> . <i>Journal of Physical Chemistry A</i> , 2006, 110, 7401-7405.	2.5	7
48	Kinetic Study of the ClOO + NO Reaction Using Cavity Ring-Down Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2006, 110, 3546-3551.	2.5	17
49	Photodissociation of polycrystalline and amorphous water ice films at 157 and 193 nm. <i>Journal of Chemical Physics</i> , 2006, 125, 133406.	3.0	47
50	Direct observation and reactions of Cl <sub>3</sub> radical. <i>Journal of Chemical Physics</i> , 2006, 125, 133116.	3.0	1
51	Buffer-gas pressure broadening for the (3 001)←(0 0 0) band of CO <sub>2</sub> measured with continuous-wave cavity ring-down spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2006, 8, 364-368.	2.8	46
52	Detection of Trace Species with Cavity Ring-Down Spectroscopy. <i>The Review of Laser Engineering</i> , 2006, 34, 289-294.	0.0	8
53	Photodissociation dynamics of CH <sub>3</sub> CFCl <sub>2</sub> and CDCl <sub>3</sub> at 205–209 nm. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2005, 176, 78-85.	3.9	5
54	Observation of Adducts in the Reaction of Cl Atoms with XCH <sub>2</sub> I (X = H, CH <sub>3</sub> , Cl, Br, I) Using Cavity Ring-Down Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2005, 109, 1587-1593.	2.5	28

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55	Direct Observation of Adduct Formation of Alkyl and Aromatic Iodides with Cl Atoms Using Cavity Ring-Down Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2005, 109, 6066-6070.	2.5	15
56	Rate Constants of the Reaction of NO <sub>3</sub> with CH <sub>3</sub> I Measured with Use of Cavity Ring-Down Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2005, 109, 6527-6531.	2.5	12
57	Hydrogen atom formation from the photodissociation of water ice at 193 nm. <i>Journal of Chemical Physics</i> , 2004, 120, 5463-5468.	3.0	37
58	Formation of Iodine Monoxide Radical from the Reaction of CH <sub>2</sub> I with O <sub>2</sub> . <i>Journal of Physical Chemistry A</i> , 2004, 108, 6347-6350.	2.5	35
59	Photodissociation of N <sub>2</sub> O <sub>4</sub> Adsorbed on Amorphous and Crystalline Water Ice Films. <i>Journal of Physical Chemistry A</i> , 2004, 108, 438-446.	2.5	7
60	Reactions of Cl Atoms with Dimethyl Sulfide: A Theoretical Calculation and an Experimental Study with Cavity Ring-Down Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2004, 108, 7785-7789.	2.5	17
61	Photodissociation of Water Dimer at 205 nm. <i>Journal of Physical Chemistry A</i> , 2004, 108, 8119-8124.	2.5	20
62	Equilibrium Constants of the Reaction of Cl with O <sub>2</sub> in the Formation of ClOO. <i>Journal of Physical Chemistry A</i> , 2004, 108, 8096-8099.	2.5	21
63	Temperature-dependent absorption cross sections of ozone in the Wulf-Chappuis band at 759-768 nm. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	7
64	Ultraviolet Photodissociation Dynamics of Cl <sub>2</sub> and CFCI <sub>3</sub> Adsorbed on Water Ice Surfaces. <i>Journal of Physical Chemistry A</i> , 2003, 107, 1472-1477.	2.5	10
65	Photolysis of Atmospheric Ozone in the Ultraviolet Region. <i>Chemical Reviews</i> , 2003, 103, 4767-4782.	47.7	153
66	Temperature and Pressure Dependence Study of the Reaction of IO Radicals with Dimethyl Sulfide by Cavity Ring-Down Laser Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2003, 107, 6381-6387.	2.5	42
67	Excited state dynamics of Cl <sub>2</sub> O in the near ultraviolet. <i>Journal of Chemical Physics</i> , 2002, 117, 2141-2150.	3.0	10
68	Dissociative ionization of ICl studied by ion imaging spectroscopy. <i>Journal of Chemical Physics</i> , 2002, 117, 1130-1138.	3.0	11
69	Photodissociation of Small Molecules in the Gas Phase. <i>Bulletin of the Chemical Society of Japan</i> , 2002, 75, 1885-1900.	3.2	3
70	Isotope <sup>18</sup> O/ <sup>16</sup> O ratio measurements of water vapor by use of the 950-nm wavelength region with cavity ring-down and photoacoustic spectroscopic techniques. <i>Applied Optics</i> , 2002, 41, 2349.	2.1	2
71	Mechanism of the reaction of OH radicals with acetone and acetaldehyde at 251 and 296 K. <i>Physical Chemistry Chemical Physics</i> , 2002, 4, 2189-2193.	2.8	58
72	Photodissociation of Chlorine Molecules Adsorbed on Amorphous and Crystalline Water Ice Films. <i>Journal of Physical Chemistry B</i> , 2002, 106, 3151-3159.	2.6	36

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73	Above-Threshold Effects in the Photodissociation and Photoionization of Iodobenzene. Journal of Physical Chemistry A, 2001, 105, 2270-2280.	2.5	35
74	Cavity Ring-Down Spectroscopic Study of the Reactions of Br Atoms and BrO Radicals with Dimethyl sulfide. Journal of Physical Chemistry A, 2001, 105, 11045-11050.	2.5	23
75	Control of Photodissociation by Alignment, Bleaching and Optical Phase. Journal of the Chinese Chemical Society, 2001, 48, 319-325.	1.4	1
76	Photodissociation of N <sub>2</sub> O <sub>4</sub> Multilayer Adsorbed on a Polycrystalline Au Substrate. Bulletin of the Chemical Society of Japan, 2001, 74, 689-697.	3.2	3
77	Two-Photon C <sub>12</sub> (n, 4s) $\rightarrow$ X <sup>1</sup> A <sub>1</sub> Absorption of Thioformaldehyde as Observed in (2+2) Resonance Enhanced Multiphoton Ionization Spectroscopy. Chemistry Letters, 2001, 30, 62-63.	1.3	6
78	Cavity ring-down spectroscopic study of the kinetics of the reactions of FCO radicals with O <sub>2</sub> and NO at 295 K. International Journal of Chemical Kinetics, 2001, 33, 130-135.	1.6	11
79	Controlling the branching ratio of the photodissociation of aligned Cl <sub>2</sub> at 404 nm. Chemical Physics Letters, 2001, 340, 83-88.	2.6	6
80	Above-Threshold Dissociative Ionization in the Intermediate Intensity Regime. Physical Review Letters, 2001, 86, 2245-2248.	7.8	11
81	Cavity ring-down study of BrO radicals: Kinetics of the Br + O <sub>3</sub> reaction and rate of relaxation of vibrationally excited BrO by collisions with N <sub>2</sub> and O <sub>2</sub> . International Journal of Chemical Kinetics, 2000, 32, 125-130.	1.6	28
82	Effect of molecular bending on the photodissociation of OCS. Journal of Chemical Physics, 2000, 112, 7095-7101.	3.0	44
83	Photofragment Imaging Studies of Aligned Molecules. ACS Symposium Series, 2000, , 87-102.	0.5	0
84	Control of photofragment velocity anisotropy by optical alignment of CH <sub>3</sub> I. Journal of Chemical Physics, 2000, 112, 2164-2167.	3.0	28
85	Photodissociation Cross Sections of N <sub>2</sub> O <sub>3</sub> Adsorbed on Au(111). Journal of Physical Chemistry B, 2000, 104, 4863-4866.	2.6	2
86	Cavity Ring-Down Spectroscopy and Relative Rate Study of Reactions of HCO Radicals with O <sub>2</sub> , NO, NO <sub>2</sub> , and Cl <sub>2</sub> at 295 K. Journal of Physical Chemistry A, 2000, 104, 7556-7564.	2.5	36
87	Adsorption States of NO <sub>2</sub> over Water-Ice Films Formed on Au(111). Langmuir, 2000, 16, 9533-9538.	3.5	36
88	State and energy characterisation of fluorine atoms in the A band photodissociation of F <sub>2</sub> . Chemical Physics Letters, 1999, 305, 319-326.	2.6	7
89	Adsorption States and Photochemistry of NO <sub>2</sub> Adsorbed on Au(111). Journal of Physical Chemistry B, 1999, 103, 5063-5069.	2.6	27
90	Quantum control of chemical reactions by laser light. The Review of Laser Engineering, 1999, 27, a4-a5.	0.0	0

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91	Quantum Control of Chemical Reactions by Laser Light.. The Review of Laser Engineering, 1999, 27, 399-403.	0.0	0
92	Quantum Control of Chemical Reactions by Laser Light. The Review of Laser Engineering, 1999, 27, 103-103,106.	0.0	0
93	Cavity ring-down spectroscopy of the $\tilde{X}^2\Pi_{3/2} \leftarrow \tilde{A}^2\Pi_{3/2}$ transition of BrO. Chemical Physics Letters, 1998, 285, 346-351.	2.6	27
94	Rate constants for the deactivation of N(2D) by simple hydride and deuteride molecules. Chemical Physics Letters, 1998, 296, 203-207.	2.6	57
95	Translational energy and angular distributions of O( <i>i</i> ) and O( <i>j</i> ) fragments in the UV photodissociation of ozone. Chemical Physics, 1998, 231, 171-182.	1.9	29
96	Wavelength and temperature dependence of the absolute O(1D) production yield from the 305-329 nm photodissociation of ozone. Journal of Chemical Physics, 1998, 108, 7161-7172.	3.0	47
97	Reactions of N(2D) with methane and deuterated methanes. Journal of Chemical Physics, 1998, 109, 5844-5848.	3.0	55
98	The ultraviolet photodissociation of Cl <sub>2</sub> O at 235 nm and of HOCl at 235 and 266 nm. Journal of Chemical Physics, 1998, 109, 1315-1323.	3.0	45
99	Ion Fragment Imaging of the Photodissociation of Methyl Iodide Small Clusters at 266 nm. Bulletin of the Chemical Society of Japan, 1998, 71, 2539-2545.	3.2	17
100	Photofragment excitation spectrum for O(1D) from the photodissociation of jet-cooled ozone in the wavelength range 305-329 nm. Journal of Chemical Physics, 1997, 106, 6390-6397.	3.0	46
101	Photofragment Imaging of CH <sub>3</sub> Br from (CH <sub>3</sub> Br) <sub>2</sub> at 355 nm. Journal of Physical Chemistry A, 1997, 101, 1227-1230.	2.5	8
102	Reaction and Quenching of Cl(2P <sub>j</sub> ) Atoms in Collisions with Methane and Deuterated Methanes. Journal of Physical Chemistry A, 1997, 101, 1216-1221.	2.5	44
103	Ion Fragment Imaging of the Ion-Pair Photodissociation of CH <sub>3</sub> Cl, CH <sub>3</sub> Br, C <sub>2</sub> H <sub>5</sub> Cl, and C <sub>2</sub> H <sub>5</sub> Br at 118 nm. Journal of Physical Chemistry A, 1997, 101, 1222-1226.	2.5	39
104	Potential of site specific photochemical processing using synchrotron radiation. Nuclear Instruments & Methods in Physics Research B, 1997, 122, 364-367.	1.4	9
105	Photochemistry relating to atmospheric reactions in the stratosphere. Journal of Photochemistry and Photobiology A: Chemistry, 1997, 106, 105-111.	3.9	1
106	Photolysis of CH <sub>3</sub> SH and H <sub>2</sub> S at 243.1 nm studied by photofragment ion imaging. Journal of the Chemical Society, Faraday Transactions, 1996, 92, 5181.	1.7	20
107	Photofragmentation of ClNO in the A-Band: Velocity Distribution and Fine-Structure Branching Ratio of Cl(2P <sub>j</sub> ) Atoms. The Journal of Physical Chemistry, 1996, 100, 12321-12328.	2.9	30
108	Near-Threshold Photodissociation of C <sub>2</sub> H <sub>2</sub> , C <sub>2</sub> HD, and C <sub>2</sub> D <sub>2</sub> Studied by H(D) Atom Photofragment Translational Spectroscopy. Bulletin of the Chemical Society of Japan, 1996, 69, 71-76.	3.2	18

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109	The photodissociation of iodine monochloride at 235 nm. <i>Chemical Physics Letters</i> , 1996, 258, 159-163.	2.6	26
110	Phase control of absorption in large polyatomic molecules. <i>Journal of Chemical Physics</i> , 1996, 105, 2992-2997.	3.0	58
111	Observation of the spin-forbidden $O(1D)+O_2(X^3\Sigma_g^-)$ channel in the 317–327 nm photolysis of ozone. <i>Journal of Chemical Physics</i> , 1996, 105, 5290-5293.	3.0	50
112	Vibrational Distribution of ClO Radicals Produced in the Reaction $Cl + O_3 \rightarrow ClO + O_2$ . <i>The Journal of Physical Chemistry</i> , 1996, 100, 176-179.	2.9	20
113	Product Branching Ratios for O(3P) Atom and ClO Radical Formation in the Reactions of O(1D) with Chlorinated Compounds. <i>The Journal of Physical Chemistry</i> , 1996, 100, 10145-10149.	2.9	31
114	Photodissociation Processes of Ozone in the Huggins Band at 308–326 nm: A Direct Observation of O(1D <sub>2</sub> ) and O(3P <sub>j</sub> ) Products. <i>The Journal of Physical Chemistry</i> , 1996, 100, 4084-4089.	2.9	48
115	Ion Imaging of the Photodissociation of Chlorine-Containing Molecules. <i>The Journal of Physical Chemistry</i> , 1996, 100, 19853-19858.	2.9	32
116	Ion Imaging of the Photodissociation of OCS Near 217 and 230 nm. <i>The Journal of Physical Chemistry</i> , 1995, 99, 16307-16314.	2.9	114
117	Dynamics of the Reaction $S(^1D) + HD, H_2$ , and $D_2$ : Isotopic Branching Ratios and Translational Energy Release. <i>Laser Chemistry</i> , 1994, 14, 235-244.	0.5	28
118	Collisional relaxation of translational energy and fine structure levels of the O(3P <sub>j</sub> ) atom created in the photodissociation of SO <sub>2</sub> at 193 nm. <i>Journal of Chemical Physics</i> , 1994, 101, 5647-5651.	3.0	25
119	Velocity relaxation of hot O(1D) atoms by collisions with rare gases, N <sub>2</sub> , and O <sub>2</sub> . <i>Journal of Chemical Physics</i> , 1994, 101, 9610-9618.	3.0	53
120	Laser-induced fluorescence detection of ClO radicals at 167–180 nm. <i>Journal of Chemical Physics</i> , 1994, 101, 8262-8263.	3.0	15
121	Fine structure branching ratios and translational energies of O(3P <sub>j</sub> ) atoms produced from collision induced intersystem crossing of O(1D) atoms. <i>Journal of Chemical Physics</i> , 1994, 100, 315-324.	3.0	30
122	O(3P <sub>j</sub> ) atom formation from photodissociation of ozone in the visible and ultraviolet region. <i>Canadian Journal of Chemistry</i> , 1994, 72, 637-642.	1.1	21
123	X-ray and ultraviolet photoelectron spectroscopic study of 58.4 and 193 nm photodissociation of organometallic compounds adsorbed on substrates. <i>Applied Surface Science</i> , 1994, 79-80, 439-443.	6.1	1
124	Dynamics of the Inversion Reaction. <i>Israel Journal of Chemistry</i> , 1994, 34, 19-24.	2.3	4
125	Photodissociation of ICl at 235–248 nm. <i>Journal of Chemical Physics</i> , 1993, 99, 3461-3467.	3.0	29
126	Photodissociation of Trimethylindium and Trimethylgallium on GaAs at 193 nm Studied by Angle-Resolved Photoelectron Spectroscopy. <i>Japanese Journal of Applied Physics</i> , 1993, 32, 3099-3105.	1.5	4



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127	Dynamics of the reactions of O(1D) with HCl, DCl, and Cl <sub>2</sub> . Journal of Chemical Physics, 1993, 98, 8330-8336.	3.0	65
128	Photodissociation of dimethylaluminum hydride on Si(100) at 193 nm studied by x-ray photoelectron spectroscopy. Journal of Applied Physics, 1993, 73, 3549-3554.	2.5	11
129	Photoinduced Deposition of Aluminum Thin Film on Silicon Nitride and Oxide. Japanese Journal of Applied Physics, 1992, 31, 1979-1981.	1.5	6
130	Dynamics of the reaction oxygen atom (1D) + hydrogen deuteride, hydrogen, and deuterium: isotopic branching ratios and translational energy release. The Journal of Physical Chemistry, 1992, 96, 10622-10626.	2.9	46
131	Fine structure branching ratios and Doppler profiles of Cl(2P <sub>j</sub> ) photofragments from photodissociation of the chlorine molecule near and in the ultraviolet region. Journal of Chemical Physics, 1992, 97, 1065-1071.	3.0	92
132	Mechanism of the ultraviolet photodissociation of chloroethylenes determined from the Doppler profiles, spatial anisotropy, and power dependence of the photofragments. Journal of Chemical Physics, 1992, 97, 4815-4826.	3.0	64
133	Photodissociation of hydrogen chloride at 157 and 193 nm: Angular distributions of hydrogen atoms and fine structure branching ratios of chlorine atoms in the 2P <sub>j</sub> levels. Journal of Chemical Physics, 1992, 97, 8210-8215.	3.0	50
134	Photodissociation of Trimethylindium and Trimethylgallium on GaAs(100) at 193nm Studied by Angle-Resolved XPS. Materials Research Society Symposia Proceedings, 1992, 280, 193.	0.1	0
135	Photodissociation of zinc diiodide in the gas phase. Journal of Photochemistry and Photobiology A: Chemistry, 1992, 65, 345-353.	3.9	1
136	Photodissociation of trimethylindium on Si(111) at 193 nm. Thin Solid Films, 1992, 218, 58-61.	1.8	6
137	Two-photon dissociation of SO <sub>2</sub> in the ultraviolet region. Chemical Physics, 1992, 165, 173-182.	1.9	12
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