

Michael D Morse

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.

152
papers

7,173
citations

42
h-index

80
g-index

153
ext. papers

7,449
ext. citations

4.1
avg. IF

5.87
L-index

#	Paper	IF	Citations
152	Molybdenum-Sulfur Bond: Electronic Structure of Low-Lying States of MoS ₂ . <i>Journal of Physical Chemistry A</i> , 2022 ,	2.8	1
151	Predissociation measurements of the bond dissociation energies of EuO, TmO, and YbO. <i>Journal of Chemical Physics</i> , 2021 , 155, 144303	3.9	1
150	Chemical Bonding and Electronic Structure of the Early Transition Metal Borides: ScB, TiB, VB, YB, ZrB, NbB, LaB, HfB, TaB, and WB. <i>Journal of Physical Chemistry A</i> , 2021 , 125, 4420-4434	2.8	4
149	Bond dissociation energies of lanthanide sulfides and selenides. <i>Journal of Chemical Physics</i> , 2021 , 154, 124307	3.9	8
148	Bond dissociation energies of diatomic transition metal selenides: ScSe, YSe, RuSe, OsSe, CoSe, RhSe, IrSe, and PtSe. <i>Journal of Chemical Physics</i> , 2020 , 152, 124305	3.9	7
147	Bond dissociation energies of the diatomic late transition metal sulfides: RuS, OsS, CoS, RhS, IrS, and PtS. <i>Journal of Chemical Physics</i> , 2020 , 152, 244305	3.9	10
146	Bond dissociation energies of diatomic transition metal sulfides: ScS, YS, TiS, ZrS, HfS, NbS, and TaS. <i>Journal of Chemical Physics</i> , 2020 , 152, 194307	3.9	9
145	The bond dissociation energy of VO measured by resonant three-photon ionization spectroscopy. <i>Journal of Chemical Physics</i> , 2020 , 153, 024303	3.9	7
144	Bond dissociation energies of transition metal oxides: CrO, MoO, RuO, and RhO. <i>Journal of Chemical Physics</i> , 2020 , 153, 074303	3.9	11
143	Bond dissociation energies of ScSi, YSi, LaSi, ScC, YC, LaC, CoC, and YCH. <i>Journal of Chemical Physics</i> , 2019 , 151, 024302	3.9	10
142	Bond dissociation energies of FeB, CoB, NiB, RuB, RhB, OsB, IrB, and PtB. <i>Journal of Chemical Physics</i> , 2019 , 151, 044302	3.9	16
141	Predissociation Measurements of Bond Dissociation Energies. <i>Accounts of Chemical Research</i> , 2019 , 52, 119-126	24.3	33
140	Bond dissociation energies of TiC, ZrC, HfC, ThC, NbC, and TaC. <i>Journal of Chemical Physics</i> , 2018 , 149, 044306	3.9	22
139	Bond dissociation energies of FeSi, RuSi, OsSi, CoSi, RhSi, IrSi, NiSi, and PtSi. <i>Journal of Chemical Physics</i> , 2018 , 149, 174307	3.9	15
138	Determination of the bond dissociation energies of FeX and NiX (X = C, S, Se). <i>Journal of Chemical Physics</i> , 2017 , 146, 144310	3.9	20
137	Bond dissociation energies of TiSi, ZrSi, HfSi, VSi, NbSi, and TaSi. <i>Journal of Chemical Physics</i> , 2017 , 147, 084301	3.9	25
136	Bond Dissociation Energies of Tungsten Molecules: WC, WSi, WS, WSe, and WCl. <i>Journal of Physical Chemistry A</i> , 2017 , 121, 9446-9457	2.8	27

135	The bond length and bond energy of gaseous CrW. <i>Journal of Chemical Physics</i> , 2016 , 144, 214306	3.9	8
134	Bond dissociation energies of diatomic transition metal selenides: TiSe, ZrSe, HfSe, VSe, NbSe, and TaSe. <i>Journal of Chemical Physics</i> , 2016 , 145, 214308	3.9	19
133	Predissociation measurements of bond dissociation energies: VC, VN, and VS. <i>Journal of Chemical Physics</i> , 2016 , 144, 234306	3.9	28
132	The electronic band system of nickel acetylide, NiCCH. <i>Molecular Physics</i> , 2015 , 113, 2255-2266	1.7	8
131	Resonant two-photon ionization spectroscopy of jet-cooled OsSi. <i>Journal of Chemical Physics</i> , 2015 , 143, 104303	3.9	7
130	Rotational analysis of the Σ band of the $\Sigma \leftarrow X$ system of CrCCH. <i>Journal of Chemical Physics</i> , 2014 , 141, 064304	3.9	9
129	Electronic spectroscopy and electronic structure of copper acetylide, CuCCH. <i>Journal of Physical Chemistry A</i> , 2013 , 117, 9860-70	2.8	18
128	Electronic spectroscopy and electronic structure of diatomic IrSi. <i>Journal of Chemical Physics</i> , 2013 , 138, 154306	3.9	9
127	Resonant two-photon ionization spectroscopy of jet-cooled UN: determination of the ground state. <i>Journal of Chemical Physics</i> , 2013 , 138, 184303	3.9	24
126	Electronic spectroscopy of diatomic VC. <i>Journal of Physical Chemistry A</i> , 2013 , 117, 13284-91	2.8	20
125	Hyperfine interactions and electric dipole moments in the $[16.0]1.5(v=6)$, $[16.0]3.5(v=7)$, and $X2(\Sigma/2)$ states of iridium monosilicide, IrSi. <i>Journal of Physical Chemistry A</i> , 2013 , 117, 13292-302	2.8	3
124	ZrFe, a sextuply-bonded diatomic transition metal?. <i>Journal of Physical Chemistry A</i> , 2013 , 117, 992-1000	2.8	9
123	An interpretation of the absorption and emission spectra of the gold dimer using modern theoretical tools. <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 8732-41	3.6	20
122	Electronic spectroscopy and electronic structure of diatomic TiFe. <i>Journal of Chemical Physics</i> , 2012 , 137, 054302	3.9	9
121	DETECTION OF NONPOLAR IONS IN $2\Sigma/2$ STATES BY RADIOASTRONOMY VIA MAGNETIC DIPOLE TRANSITIONS. <i>Astrophysical Journal</i> , 2011 , 732, 103	4.7	4
120	Spectroscopy of diatomic ZrF and ZrCl: 760-555 nm. <i>Journal of Chemical Physics</i> , 2011 , 135, 024308	3.9	5
119	Resonant two-photon ionization spectroscopy of jet-cooled OsN: 520-418 nm. <i>Journal of Chemical Physics</i> , 2011 , 135, 114304	3.9	23
118	Resonant two-photon ionization spectroscopy of jet-cooled PdSi. <i>Journal of Chemical Physics</i> , 2011 , 135, 134308	3.9	5

117	Electronic spectroscopy and electronic structure of diatomic CrC. <i>Journal of Chemical Physics</i> , 2010 , 133, 034303	3.9	14
116	Electronic spectroscopy of the 6p . <i>Journal of Physical Chemistry A</i> , 2010 , 114, 3103-13	2.8	12
115	Resonant two-photon ionization spectroscopy of jet-cooled tantalum carbide, TaC. <i>Journal of Chemical Physics</i> , 2010 , 133, 054309	3.9	13
114	Resonant two-photon ionization spectroscopy of jet-cooled OsC. <i>Journal of Chemical Physics</i> , 2008 , 128, 084314	3.9	11
113	Spectroscopy of jet-cooled Bi3. <i>Journal of Physical Chemistry B</i> , 2008 , 112, 16182-92	3.4	6
112	1 Pi. <i>Journal of Chemical Physics</i> , 2007 , 127, 074304	3.9	7
111	Rotationally resolved spectra of jet-cooled RuSi. <i>Journal of Chemical Physics</i> , 2007 , 127, 084317	3.9	13
110	Rotationally resolved spectroscopy of jet-cooled NbMo. <i>Journal of Chemical Physics</i> , 2007 , 127, 164305	3.9	6
109	Spin-forbidden c 3Sigma1+. <i>Journal of Chemical Physics</i> , 2007 , 126, 144309	3.9	3
108	Rotationally resolved spectra of jet-cooled VMo. <i>Journal of Chemical Physics</i> , 2007 , 127, 014311	3.9	4
107	Vibronic analysis of the band system of BNB. <i>Molecular Physics</i> , 2007 , 105, 1251-1261	1.7	7
106	Resonant two-photon ionization spectroscopy of BNB. <i>Journal of Chemical Physics</i> , 2006 , 125, 194315	3.9	12
105	Infrared diode laser spectroscopy of jet-cooled NiCO, Ni(CO)3 (13CO), and Ni(CO)3(C 18O). <i>Journal of Chemical Physics</i> , 2006 , 124, 124316	3.9	14
104	Monoligated monovalent Ni: the 3d(Ni)9 manifold of states of NiCu and comparison to the 3d9 States of AlNi, NiH, NiCl, and NiF. <i>Journal of Physical Chemistry A</i> , 2005 , 109, 11358-64	2.8	4
103	Radiative Lifetime of the $v = 0, 1$ Levels of the documentclass{aastex} usepackage{amsbsy} usepackage{amsmath,amsxtra} usepackage[OT2,OT1]{fontenc} newcommand{cyr}{renewcommand{rmdefault}{wncvr} renewcommand{sfdefault}{wncvss} renewcommand{encodingdefault}{OT2} normalfont{selectfont} DeclareTextFontCommand{textcyr}{cyr} pagesty. <i>Astrophysical Journal</i> , 2005 , 619, 407-411	4.7	11
102	Optical spectroscopy of RuC: 18,000-24,000 cm ⁻¹ . <i>Journal of Chemical Physics</i> , 2004 , 121, 6855-60	3.9	19
101	Vibronic spectroscopy of unsaturated transition metal complexes: CrC2H, CrCH3, and NiCH3. <i>Journal of Chemical Physics</i> , 2004 , 121, 12379-85	3.9	19
100	Dispersed fluorescence spectroscopy of AlNi, NiAu, and PtCu. <i>Journal of Chemical Physics</i> , 2003 , 118, 9247-9256	3.9	12

99	Optical spectroscopy of jet-cooled NiSi. <i>Journal of Chemical Physics</i> , 2003 , 118, 2190-2196	3.9	23
98	Resonant two-photon ionization spectroscopy of NiC. <i>Journal of Chemical Physics</i> , 2002 , 117, 10703-10714	3.9	43
97	Rotationally resolved spectroscopy of Pt ₂ . <i>Journal of Chemical Physics</i> , 2002 , 116, 1313-1317	3.9	74
96	Optical spectroscopy of tungsten carbide (WC). <i>Journal of Chemical Physics</i> , 2002 , 116, 993-1002	3.9	41
95	Photodissociation measurements of bond dissociation energies: D ₀ (Al ₂ -Al), D ₀ (TiO+-Mn), and D ₀ (V ₂ +V). <i>International Journal of Mass Spectrometry</i> , 2001 , 204, 143-157	1.9	27
94	Electronic structure of the 4d transition metal carbides: Dispersed fluorescence spectroscopy of MoC, RuC, and PdC. <i>Journal of Chemical Physics</i> , 2001 , 114, 2938-2954	3.9	59
93	Dispersed fluorescence spectroscopy of jet-cooled AgAu and Pt ₂ . <i>Journal of Chemical Physics</i> , 2001 , 115, 7543-7549	3.9	64
92	The near infrared 2B ₂ (a _{1g}) × X 2B ₂ (b _{1g}) band systems of TiCo and ZrCo. <i>Canadian Journal of Physics</i> , 2001 , 79, 229-245	1.1	3
91	The [17.0]2B ₂ ⁻ X2B ₂ ⁻ system of AlCa. <i>Chemical Physics Letters</i> , 2000 , 320, 303-306	2.5	4
90	Resonant two-photon ionization spectroscopy of jet-cooled PtSi. <i>Journal of Chemical Physics</i> , 2000 , 112, 4118-4123	3.9	24
89	Rotationally Resolved Spectra of Isovalent NbCr and VCr. <i>Journal of Physical Chemistry A</i> , 2000 , 104, 3521-3527	2.8	24
88	Resonant two-photon ionization spectroscopy of jet-cooled PdC. <i>Journal of Chemical Physics</i> , 1999 , 111, 4077-4086	3.9	35
87	Rydberg and pulsed field ionization-zero electron kinetic energy spectra of YO. <i>Journal of Chemical Physics</i> , 1999 , 111, 5017-5026	3.9	42
86	Resonant two-photon ionization spectroscopy of jet-cooled RuC. <i>Journal of Chemical Physics</i> , 1998 , 109, 7863-7875	3.9	48
85	First spectroscopic investigation of the 4d transition metal monocarbide MoC. <i>Journal of Chemical Physics</i> , 1998 , 109, 7851-7862	3.9	44
84	A pair potentials study of matrix-isolated atomic zinc. II. Intersystem crossing in rare-gas clusters and matrices. <i>Journal of Chemical Physics</i> , 1998 , 109, 3137-3144	3.9	9
83	The bond energy of Rh ₂ . <i>Journal of Chemical Physics</i> , 1998 , 108, 2331-2335	3.9	26
82	Two-photon ionization spectroscopy and all-electron ab initio study of LiCa. <i>Journal of Chemical Physics</i> , 1998 , 109, 6655-6665	3.9	20

81	Resonant two-photon ionization spectroscopy of LiCu. <i>Journal of Chemical Physics</i> , 1997 , 107, 1079-1085.	3.9	11
80	Optical spectroscopy of jet-cooled FeC between 12 000 and 18 100 cm ⁻¹ . <i>Journal of Chemical Physics</i> , 1997 , 107, 9772-9782	3.9	74
79	Resonant two-photon ionization spectroscopy of the 13-electron triatomic Si ₂ N. <i>Chemical Physics Letters</i> , 1997 , 267, 370-376	2.5	13
78	Supersonic Beam Sources. <i>Experimental Methods in the Physical Sciences</i> , 1996 , 21-47	0.4	36
77	Ultraviolet photoelectron spectroscopy of molybdenum and molybdenum monoxide anions. <i>Journal of Chemical Physics</i> , 1996 , 104, 1765-1773	3.9	45
76	Electron-spin resonance studies of the titanium cation (Ti ⁺ , 3d ³ , 4F) in rare gas matrices at 4 K: A crystal field interpretation. <i>Journal of Chemical Physics</i> , 1996 , 105, 5331-5340	3.9	4
75	Spectroscopy of jet-cooled YCu. <i>Journal of Chemical Physics</i> , 1995 , 102, 8704-8713	3.9	7
74	Spectroscopy of mixed early/late transition metal diatomics: ScNi, YPd, and ZrCo. <i>Journal of Chemical Physics</i> , 1995 , 102, 1895-1904	3.9	12
73	Spectroscopy of jet-cooled AlY. <i>The Journal of Physical Chemistry</i> , 1995 , 99, 2589-2593		4
72	Ni ₂ revisited: Reassignment of the ground electronic state. <i>Journal of Chemical Physics</i> , 1995 , 102, 666-674	3.9	137
71	Bond energies of transition metal dimers: TiZr, TiNb, and ZrV. <i>Chemical Physics Letters</i> , 1995 , 239, 25-30	2.5	17
70	Spectroscopy of jet-cooled AlMn and trends in the electronic structure of the 3d transition metal aluminides. <i>Journal of Chemical Physics</i> , 1994 , 101, 6500-6511	3.9	13
69	Photodissociation measurements of bond dissociation energies: Ti ⁺ , V ⁺ , Co ⁺ , and Co ²⁺ . <i>Journal of Chemical Physics</i> , 1994 , 100, 4747-4755	3.9	105
68	Interaction of an aluminum atom with an alkaline earth atom: Spectroscopic and ab initio investigations of AlCa. <i>Journal of Chemical Physics</i> , 1994 , 101, 5441-5453	3.9	13
67	Interaction of an aluminum atom with a closed subshell metal atom: Spectroscopic analysis of AlZn. <i>Journal of Chemical Physics</i> , 1994 , 101, 5454-5463	3.9	14
66	Spectroscopic analysis of the open 3d subshell transition metal aluminides: AlV, AlCr, and AlCo. <i>Journal of Chemical Physics</i> , 1994 , 101, 6487-6499	3.9	38
65	The A ² 1u ← X ⁰ +g System of Gold Dimer. <i>Journal of Molecular Spectroscopy</i> , 1994 , 168, 248-257	1.3	45
64	Bond strengths of transition metal diatomics: Zr ₂ , YCo, YNi, ZrCo, ZrNi, NbCo, and NbNi. <i>The Journal of Physical Chemistry</i> , 1994 , 98, 1398-1406		82

63	Electronic spectroscopy and electronic structure of the smallest metal clusters: the diatomic 3D transition metal aluminides 1994 ,		1
62	Laser vaporization generation of the SiB and SiAl radicals for matrix isolation electron spin resonance studies; comparison with theoretical calculations and assignment of their electronic ground states as X 4 Σ <i>Journal of Chemical Physics</i> , 1993 , 98, 6749-6757	3.9	33
61	Laser vaporization generation of Y 10B+, Y 11B+, and YAl+ for electron spin resonance studies in neon matrices at 4 K: Comparison with theoretical calculations. <i>Journal of Chemical Physics</i> , 1993 , 98, 4404-4412	3.9	10
60	Electron spin resonance investigation of Sc+2 in neon matrices and assignment of its ground electronic state as X 4 Σ Comparison with theoretical calculations. <i>Journal of Chemical Physics</i> , 1993 , 99, 7376-7383	3.9	28
59	Spectroscopic studies of jet-cooled AlNi. <i>Journal of Chemical Physics</i> , 1993 , 99, 6409-6415	3.9	42
58	Spectroscopic analysis of jet-cooled AlCu. <i>Journal of Chemical Physics</i> , 1993 , 99, 6394-6408	3.9	33
57	Predissociation lifetimes of vibrational levels of the excited 1B1 (Ka Σ 0) electronic states of Cd?H2 and Cd?D2 complexes. <i>Journal of Chemical Physics</i> , 1993 , 98, 2115-2122	3.9	13
56	Spectroscopy of jet-cooled Ag2Au. <i>Chemical Physics Letters</i> , 1993 , 212, 458-462	2.5	10
55	The bond energy of Co+2. <i>Chemical Physics Letters</i> , 1993 , 204, 235-240	2.5	34
54	Spectroscopic studies of jet-cooled NiAu and PtCu. <i>Journal of Chemical Physics</i> , 1992 , 97, 4605-4615	3.9	34
53	The 3dNi8(3F)3dCu10 Σ Σ 1 manifold of excited electronic states of NiCu. <i>Journal of Chemical Physics</i> , 1992 , 97, 4633-4640	3.9	30
52	Spectroscopy of AlAr and AlKr from 31 000 cm $^{-1}$ to the ionization limit. <i>Journal of Chemical Physics</i> , 1992 , 97, 1692-1710	3.9	69
51	Ligand-field theory applied to diatomic transition metals. Results for the dA9dB9 Σ states of Ni2, the dNi9dCu10 Σ states of NiCu, and the dNi8(3F)dCu10 Σ Σ 1 excited states of NiCu. <i>Journal of Chemical Physics</i> , 1992 , 97, 4641-4660	3.9	45
50	The 3 Σ u <- X 3 Σ g band system of jet-cooled Ti2. <i>Journal of Chemical Physics</i> , 1992 , 97, 7087-7092	3.9	82
49	The 846 nm AB Σ <- X 3 Σ band system of jet-cooled V2. <i>Journal of Chemical Physics</i> , 1992 , 96, 2511-2516	3.9	69
48	Bond strengths of transition-metal dimers: titanium-vanadium(TiV), vanadium dimer, titanium-cobalt (TiCo), and vanadium-nickel (VNi). <i>The Journal of Physical Chemistry</i> , 1992 , 96, 2479-2486		99
47	Optical spectroscopy of jet-cooled MoO. <i>Journal of Molecular Spectroscopy</i> , 1991 , 146, 274-313	1.3	50
46	The A 1 Σ <- X 1 Σ band system of CrMo. <i>Chemical Physics Letters</i> , 1991 , 179, 411-416	2.5	20

45	Resonant two-photon ionization spectroscopy of jet-cooled Au ₃ . <i>Journal of Chemical Physics</i> , 1991 , 95, 8779-8792	3.9	57
44	Resonant two-photon ionization spectroscopy of coinage metal trimers: Cu ₂ Ag, Cu ₂ Au, and CuAgAu. <i>Journal of Chemical Physics</i> , 1991 , 95, 8765-8778	3.9	30
43	The ground state and excited d-hole states of CuAu. <i>Journal of Chemical Physics</i> , 1991 , 95, 5630-5645	3.9	52
42	Spectroscopic studies of jet-cooled CuAg. <i>Journal of Chemical Physics</i> , 1991 , 95, 5618-5629	3.9	60
41	Spectroscopic studies of jet-cooled AgAu and Au ₂ . <i>Journal of Chemical Physics</i> , 1991 , 95, 5646-5659	3.9	159
40	The a $3\sigma(1u) \leftarrow X 1\sigma(g)$ band systems of CuAu and Au ₂ . <i>Chemical Physics Letters</i> , 1990 , 171, 430-432	2.5	23
39	Bond strengths of transition metal diatomics: VN _i and V ₂ . <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1990 , 102, 183-197		33
38	Spectroscopy and electronic structure of jet-cooled GaAs. <i>Journal of Chemical Physics</i> , 1990 , 92, 121-132	3.9	86
37	Spectroscopy and electronic structure of jet-cooled Al ₂ . <i>Journal of Chemical Physics</i> , 1990 , 93, 8420-8441	3.9	110
36	Spectroscopy and electronic structure of jet-cooled NiPd and PdPt. <i>Journal of Chemical Physics</i> , 1990 , 92, 2710-2720	3.9	38
35	Resonant two-photon ionization spectroscopy of jet-cooled NiPt. <i>Journal of Chemical Physics</i> , 1990 , 92, 2698-2709	3.9	41
34	Laser excitation spectroscopy of the A and B states of jet-cooled copper dimer: Evidence for large electronic isotope shifts. <i>Journal of Chemical Physics</i> , 1989 , 91, 92-103	3.9	30
33	Spectroscopy and electronic structure of jet-cooled NiCu. <i>Journal of Chemical Physics</i> , 1989 , 90, 3417-3426	3.9	49
32	New electronic band systems of jet-cooled carbon trimer: 266-302 nm. <i>The Journal of Physical Chemistry</i> , 1989 , 93, 2313-2319		34
31	Comparative cluster reaction studies of the vanadium, niobium, and tantalum series. <i>The Journal of Physical Chemistry</i> , 1989 , 93, 6494-6501		89
30	Spectroscopic studies of the jet-cooled aluminum trimer. <i>Journal of Chemical Physics</i> , 1988 , 88, 3524-3531	3.9	111
29	Evidence of structural isomerism in small niobium clusters. <i>Journal of Chemical Physics</i> , 1988 , 88, 4095-4098	3.9	73
28	Resonant two-photon ionization spectroscopy of jet-cooled Pt ₂ . <i>Journal of Chemical Physics</i> , 1988 , 89, 5517-5523	3.9	137

27	Copper trimer: a revised assignment of the upper state of the 5397 π system. <i>Chemical Physics Letters</i> , 1987 , 133, 8-13	2.5	30
26	The infrared spectra of surface metal atom vibrations. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1986 , 209, 387-390		9
25	Clusters of transition-metal atoms. <i>Chemical Reviews</i> , 1986 , 86, 1049-1109	68.1	1199
24	Photofragmentation processes in metal-ligand complexes: benzene-ligand and bis-benzene-ligand. <i>Chemical Physics Letters</i> , 1985 , 122, 289-293	2.5	4
23	Hydrogen chemisorption on transition metal clusters. <i>Journal of Chemical Physics</i> , 1985 , 82, 590-591	3.9	201
22	Surface reactions of metal clusters. II. Reactivity surveys with D ₂ , N ₂ , and CO. <i>Journal of Chemical Physics</i> , 1985 , 83, 2293-2304	3.9	355
21	Surface reactions of metal clusters I: The fast flow cluster reactor. <i>Review of Scientific Instruments</i> , 1985 , 56, 2123-2130	1.7	158
20	The bond length and electronic structure of V ₂ . <i>Journal of Chemical Physics</i> , 1984 , 80, 593-600	3.9	114
19	Spectroscopic studies of the jet-cooled nickel dimer. <i>Journal of Chemical Physics</i> , 1984 , 80, 5400-5405	3.9	171
18	Supersonic Metal Clusters. <i>Zeitschrift Fur Elektrotechnik Und Elektrochemie</i> , 1984 , 88, 228-233		32
17	Intramolecular vibrational relaxation: Effects on electronic nonradiative relaxation rates. <i>Journal of Chemical Physics</i> , 1983 , 78, 3435-3444	3.9	24
16	Supersonic metal cluster beams of refractory metals: Spectral investigations of ultracold Mo ₂ . <i>Journal of Chemical Physics</i> , 1983 , 78, 1627-1637	3.9	305
15	Spectroscopic studies of the jet-cooled copper trimer. <i>Journal of Chemical Physics</i> , 1983 , 79, 5316-5328	3.9	211
14	A test of an effective pair potential for liquid water. <i>Journal of Chemical Physics</i> , 1983 , 79, 2496-2498	3.9	26
13	Tests of effective pair potentials for water: Predicted ice structures. <i>Journal of Chemical Physics</i> , 1982 , 76, 650-660	3.9	125
12	Structural test for intermolecular force models of crystalline HC1. <i>Molecular Physics</i> , 1981 , 43, 1451-1457	1.7	6
11	A test of the accuracy of an effective pair potential for liquid water. <i>Journal of Chemical Physics</i> , 1981 , 74, 6514-6516	3.9	31
10	Rotational and angular distributions from photodissociations. III. Effects of dynamic axis switching in linear triatomic molecules. <i>Journal of Chemical Physics</i> , 1981 , 74, 4395-4417	3.9	59

9	Rotational distributions in photodissociation: the bent triatomic molecule. <i>Chemical Physics Letters</i> , 1980 , 74, 49-55	2.5	29
8	On Rotational Effects in Radiationless Processes in Polyatomic Molecules 1980 , 135-183		2
7	Fragment angular distributions from photodissociation of polyatomic molecules. <i>Chemical Physics Letters</i> , 1979 , 67, 294-298	2.5	14
6	State-to-state photochemical reaction dynamics in polyatomic molecules. <i>Faraday Discussions of the Chemical Society</i> , 1979 , 67, 297		24
5	Rotational distributions from photodissociation. II. Results for ICN+h ν +CN(X 2π). <i>Journal of Chemical Physics</i> , 1979 , 70, 3620-3629	3.9	66
4	Rotational distributions from photodissociations. I. Linear triatomic molecules. <i>Journal of Chemical Physics</i> , 1979 , 70, 3604-3619	3.9	76
3	Comparison of semiclassical treatments for evaluating Franck-Condon transition amplitudes for molecular dissociation. <i>Journal of Chemical Physics</i> , 1978 , 68, 2702	3.9	18
2	Photodissociation: isotope effects and comparisons between theory and experiment. <i>Chemical Physics Letters</i> , 1977 , 49, 399-404	2.5	10
1	Rotational distributions in photodissociation: application to ICN. <i>Chemical Physics Letters</i> , 1976 , 44, 125-130		39