

Stuart A Rice

List of Publications by Year in descending order

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1,037
papers

55,833
citations

2802

94
h-index

7518

151
g-index

1585
all docs

1585
docs citations

1585
times ranked

22480
citing authors

#	ARTICLE	IF	CITATIONS
1	Multimode Molecular Dynamics Beyond the Born-Oppenheimer Approximation. Advances in Chemical Physics, 2007, , 59-246.	0.3	1,010
2	Control of selectivity of chemical reaction via control of wave packet evolution. Journal of Chemical Physics, 1985, 83, 5013-5018.	3.0	912
3	Theoretical Aspects of Ionization Potentials and Photoelectron Spectroscopy: A Green's Function Approach. Advances in Chemical Physics, 2007, , 205-344.	0.3	752
4	Molecular Fluorescence and Energy Transfer Near Interfaces. Advances in Chemical Physics, 2007, , 1-65.	0.3	745
5	Magnetic Relaxation in Fine-Particle Systems. Advances in Chemical Physics, 2007, , 283-494.	0.3	740
6	Coherent pulse sequence induced control of selectivity of reactions: Exact quantum mechanical calculations. Journal of Chemical Physics, 1986, 85, 5805-5820.	3.0	639
7	Classical-Limit Quantum Mechanics and the Theory of Molecular Collisions. Advances in Chemical Physics, 2007, , 69-177.	0.3	632
8	Adiabatic Population Transfer with Control Fields. Journal of Physical Chemistry A, 2003, 107, 9937-9945.	2.5	550
9	Fluorescence-detected wave packet interferometry: Time resolved molecular spectroscopy with sequences of femtosecond phase-locked pulses. Journal of Chemical Physics, 1991, 95, 1487-1511.	3.0	539
10	Discrete-Variable Representations and their Utilization. Advances in Chemical Physics, 2007, , 263-310.	0.3	496
11	Angle-Resolved Photoemission as a Tool for the Study of Surfaces. Advances in Chemical Physics, 2007, , 533-656.	0.3	488
12	Structure and Dynamics of Simple Microclusters. Advances in Chemical Physics, 2007, , 49-135.	0.3	430
13	Semiclassical theory of Bound States. Advances in Chemical Physics, 2007, , 1-61.	0.3	415
14	On the Calculation of Time Correlation Functions. Advances in Chemical Physics, 2007, , 63-227.	0.3	415
15	Dynamics of Crystal Growth. Advances in Chemical Physics, 2007, , 157-228.	0.3	401
16	Inhomogeneous RF Fields: A Versatile Tool for the Study of Processes with Slow Ions. Advances in Chemical Physics, 2007, , 1-176.	0.3	397
17	Overtone Frequencies and Intensities in the Local Mode Picture. Advances in Chemical Physics, 2007, , 1-58.	0.3	395
18	Correlation Effects in the Ionization of Molecules: Breakdown of the Molecular Orbital Picture. Advances in Chemical Physics, 2007, , 115-159.	0.3	384

#	ARTICLE	IF	CITATIONS
19	Dephasing of Molecular Vibrations in Liquids. <i>Advances in Chemical Physics</i> , 2007, , 1-48.	0.3	370
20	The Molecular Quasi-Species. <i>Advances in Chemical Physics</i> , 2007, , 149-263.	0.3	357
21	ACTIVE CONTROL OF THE DYNAMICS OF ATOMS AND MOLECULES. <i>Annual Review of Physical Chemistry</i> , 1997, 48, 601-641.	10.8	350
22	Electron Transfer-from Isolated Molecules to Biomolecules. <i>Advances in Chemical Physics</i> , 2007, , 35-202.	0.3	338
23	Scattering from a classically chaotic repellor. <i>Journal of Chemical Physics</i> , 1989, 90, 2225-2241.	3.0	324
24	Transition Path Sampling. <i>Advances in Chemical Physics</i> , 2003, , 1-78.	0.3	310
25	On the Calculation of Autocorrelation Functions of Dynamical Variables. <i>Journal of Chemical Physics</i> , 1966, 45, 1086-1096.	3.0	299
26	Assisted Adiabatic Passage Revisitedâ€. <i>Journal of Physical Chemistry B</i> , 2005, 109, 6838-6844.	2.6	292
27	A Critical Assessment of Coupled Cluster Method in Quantum Chemistry. <i>Advances in Chemical Physics</i> , 2007, , 1-175.	0.3	285
28	Theory of Ultrafast Nonadiabatic Excited-State Processes and their Spectroscopic Detection in Real Time. <i>Advances in Chemical Physics</i> , 2007, , 1-169.	0.3	282
29	Ab Initio Quantum Molecular Dynamics. <i>Advances in Chemical Physics</i> , 2002, , 439-512.	0.3	279
30	Multiconfigurational Perturbation Theory: Applications in Electronic Spectroscopy. <i>Advances in Chemical Physics</i> , 2007, , 219-331.	0.3	278
31	Radiationless Transitions in Photochemistry. <i>Advances in Photochemistry</i> , 2007, , 149-309.	0.4	273
32	Triplet Excitons in Crystals of Aromatic Molecules. <i>Journal of Chemical Physics</i> , 1965, 42, 309-323.	3.0	271
33	Classical and Quantum Magnetization Reversal Studied in Nanometer-Sized Particles and Clusters. <i>Advances in Chemical Physics</i> , 2007, , 99-190.	0.3	265
34	Theory of Polyelectrolyte Solutions. <i>Advances in Chemical Physics</i> , 2007, , 1-66.	0.3	262
35	Dielectric Constants of Fluid Models: Statistical Mechanical Theory and its Quantitative Implementation. <i>Advances in Chemical Physics</i> , 2007, , 183-328.	0.3	260
36	Study of the Lifetimes of Individual Vibronic States of the Isolated Benzene Molecule. <i>Journal of Chemical Physics</i> , 1971, 55, 5561-5581.	3.0	256

#	ARTICLE	IF	CITATIONS
37	Colored Noise in Dynamical Systems. <i>Advances in Chemical Physics</i> , 2007, , 239-326.	0.3	240
38	Kinetic Theory of Dense Fluids. X. Measurement and Interpretation of Self-Diffusion in Liquid Ar, Kr, Xe, and CH ₄ . <i>Journal of Chemical Physics</i> , 1962, 36, 2710-2720.	3.0	239
39	Direct measurements of constrained Brownian motion of an isolated sphere between two walls. <i>Physical Review E</i> , 2000, 62, 3909-3919.	2.1	234
40	Variational Approaches to Vibration-Rotation Spectroscopy for Polyatomic Molecules. <i>Advances in Chemical Physics</i> , 2007, , 305-379.	0.3	234
41	Roles of Repulsive and Attractive Forces in Liquids : The Equilibrium Theory of Classical Fluids. <i>Advances in Chemical Physics</i> , 2007, , 105-156.	0.3	231
42	A Consistent Molecular Treatment of Dielectric Phenomena. <i>Advances in Chemical Physics</i> , 2007, , 467-566.	0.3	228
43	Functional Integrals and Polymer Statistics. <i>Advances in Chemical Physics</i> , 2007, , 1-128.	0.3	228
44	Liquids, Glasses, and the Glass Transition: A Free-Volume Approach. <i>Advances in Chemical Physics</i> , 2007, , 455-525.	0.3	228
45	The Statistical Mechanics of the Electrical Double Layer. <i>Advances in Chemical Physics</i> , 2007, , 141-253.	0.3	225
46	Integral Equation Theories of the Structure, Thermodynamics, and Phase Transitions of Polymer Fluids. <i>Advances in Chemical Physics</i> , 2007, , 1-142.	0.3	224
47	Study of the Properties of an Excess Electron in Liquid Helium. I. The Nature of the Electron-Helium Interactions. <i>Journal of Chemical Physics</i> , 1965, 43, 2614-2625.	3.0	222
48	Experimental Study of Luminescence and Excitation Trapping in Vinyl Polymers, Paracyclophanes, and Related Compounds. <i>Journal of Chemical Physics</i> , 1965, 43, 886-897.	3.0	219
49	Hard Convex Body Fluids. <i>Advances in Chemical Physics</i> , 2007, , 1-166.	0.3	205
50	Photophysics of Internal Twisting. <i>Advances in Chemical Physics</i> , 2007, , 1-174.	0.3	203
51	Adiabatic and Quasidiabatic States in a Gauge Theoretical Framework. <i>Advances in Chemical Physics</i> , 2007, , 293-391.	0.3	200
52	On the consistency, extremal, and global properties of counterdiabatic fields. <i>Journal of Chemical Physics</i> , 2008, 129, 154111.	3.0	197
53	On the Excess Electron and Hole Band Structures and Carrier Mobility in Naphthalene, Anthracene, and Several Polyphenyls. <i>Journal of Chemical Physics</i> , 1963, 39, 1683-1697.	3.0	195
54	Stress and Structure in Fluid Interfaces. <i>Advances in Chemical Physics</i> , 2007, , 357-454.	0.3	194

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55	Quantum ergodicity and vibrational relaxation in isolated molecules. Journal of Chemical Physics, 1974, 61, 203-223.	3.0	192
56	Self-Consistent-Field Methods for Vibrational Excitations in Polyatomic Systems. Advances in Chemical Physics, 2007, , 97-132.	0.3	189
57	Analysis and Evaluation of Ionization Potentials, Electron Affinities, and Excitation Energies by the Equations of Motion-Green's Function Method. Advances in Chemical Physics, 2007, , 1-69.	0.3	185
58	Localized Excitations in Condensed Ne, Ar, Kr, and Xe. Journal of Chemical Physics, 1965, 42, 4250-4253.	3.0	183
59	Semiclassical quantization of the scattering from a classically chaotic repellor. Journal of Chemical Physics, 1989, 90, 2242-2254.	3.0	183
60	Coherent Pulse Sequence Control of Product Formation in Chemical Reactions. Advances in Chemical Physics, 2007, , 441-523.	0.3	181
61	Stability of Complex Reaction Networks. Advances in Chemical Physics, 2007, , 1-215.	0.3	179
62	The helix-coil transition in charged macromolecules. Molecular Physics, 1960, 3, 391-407.	1.7	176
63	The Nature and Structural Properties of Graphite Intercalation Compounds. Advances in Chemical Physics, 2007, , 455-532.	0.3	173
64	On the Kinetic Theory of Dense Fluids. VI. Singlet Distribution Function for Rigid Spheres with an Attractive Potential. Journal of Chemical Physics, 1961, 34, 2144-2155.	3.0	167
65	Collective Orientational Relaxation in Dense Dipolar Liquids. Advances in Chemical Physics, 2007, , 1-126.	0.3	165
66	Irreversible Thermodynamics for Quantum Systems Weakly Coupled to Thermal Reservoirs. Advances in Chemical Physics, 2007, , 109-142.	0.3	163
67	Interaction Potentials and Glass Formation: A Survey of Computer Experiments. Advances in Chemical Physics, 2007, , 397-453.	0.3	162
68	Intermolecular and Intramolecular Potentials: Topographical Aspects, Calculation, and Functional Representation via A Double Many-Body Expansion Method. Advances in Chemical Physics, 2007, , 255-338.	0.3	160
69	Exact quantization of the scattering from a classically chaotic repellor. Journal of Chemical Physics, 1989, 90, 2255-2262.	3.0	158
70	Monte Carlo Sampling for Classical Trajectory Simulations. Advances in Chemical Physics, 2007, , 171-201.	0.3	158
71	Theoretical Studies of Transannular Interactions. I. Benzene Excimer Fluorescence and the Singlet States of the Paracyclophanes. Journal of Chemical Physics, 1966, 44, 23-35.	3.0	156
72	Spectral Line Shapes in Gases in the Binary-Collision Approximation. Advances in Chemical Physics, 2007, , 235-293.	0.3	155

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73	Models, Interpretations, and Calculations Concerning Resonant Electron Scattering Processes in Atoms and Molecules. <i>Advances in Chemical Physics</i> , 2007, , 91-147.	0.3	154
74	Star Polymers: Experiment, Theory, and Simulation. <i>Advances in Chemical Physics</i> , 2007, , 67-163.	0.3	154
75	Energy Landscapes: From Clusters to Biomolecules. <i>Advances in Chemical Physics</i> , 2007, , 1-111.	0.3	153
76	Theory and Molecular Models for Water. <i>Advances in Chemical Physics</i> , 2007, , 1-101.	0.3	151
77	Magnetic Circular Dichroism. <i>Advances in Chemical Physics</i> , 2007, , 197-264.	0.3	150
78	Exchange Effects on the Electron and Hole Mobility in Crystalline Anthracene and Naphthalene. <i>Journal of Chemical Physics</i> , 1965, 42, 733-737.	3.0	149
79	Anomalous Hydrodynamic Interaction in a Quasi-Two-Dimensional Suspension. <i>Physical Review Letters</i> , 2004, 92, 258301.	7.8	146
80	Path-Integral Centroid Methods in Quantum Statistical Mechanics and Dynamics. <i>Advances in Chemical Physics</i> , 2007, , 135-218.	0.3	145
81	The Expansion of the Master Equation. <i>Advances in Chemical Physics</i> , 2007, , 245-309.	0.3	143
82	The OH stretching region infrared spectra of low density amorphous solid water and polycrystalline ice Ih. <i>Journal of Chemical Physics</i> , 1978, 69, 3477-3482.	3.0	142
83	The Rotation of Molecules in Dense Phases. <i>Advances in Chemical Physics</i> , 2007, , 1-104.	0.3	140
84	Spectra of the Alkali Halides. II. The Infrared Spectra of the Sodium and Potassium Halides, RbCl, and CsCl. <i>Journal of Chemical Physics</i> , 1957, 27, 573-579.	3.0	139
85	Tests of effective pair potentials for water: Predicted ice structures. <i>Journal of Chemical Physics</i> , 1982, 76, 650-660.	3.0	135
86	A lattice model of a supported monolayer of amphiphile molecules: Monte Carlo simulations. <i>Journal of Chemical Physics</i> , 1988, 88, 1298-1306.	3.0	135
87	The Transition from Analytic Dynamics to Statistical Mechanics. <i>Advances in Chemical Physics</i> , 2007, , 155-185.	0.3	135
88	The Redfield Equation in Condensed-Phase Quantum Dynamics. <i>Advances in Chemical Physics</i> , 2007, , 77-134.	0.3	135
89	Spectroscopic properties of polyenes. III. 1,3,5,7- α -Octatetraene. <i>Journal of Chemical Physics</i> , 1978, 68, 522-529.	3.0	133
90	Tethered Polymer Layers. <i>Advances in Chemical Physics</i> , 2007, , 165-260.	0.3	133

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91	Nonlinear resonance and stochasticity in intramolecular energy exchange. Journal of Chemical Physics, 1976, 65, 1676-1683.	3.0	132
92	Bottlenecks to unimolecular reactions and an alternative form for classical RRKM theory. The Journal of Physical Chemistry, 1986, 90, 3470-3482.	2.9	130
93	Solid-Liquid Phase Behavior in Microclusters. Advances in Chemical Physics, 2007, , 75-138.	0.3	128
94	Statistical Mechanics of Static and Low-Velocity Kinetic Friction. Advances in Chemical Physics, 2003, , 187-272.	0.3	127
95	Natural Chiroptical Spectroscopy: Theory and Computations. Advances in Chemical Physics, 2007, , 545-644.	0.3	127
96	Study of the Properties of an Excess Electron in Liquid Helium. II. A Refined Description of Configuration Changes in the Liquid. Journal of Chemical Physics, 1965, 43, 2625-2632.	3.0	126
97	Internal Rotation and the Breakdown of the Adiabatic Approximation: Many-Phonon Radiationless Transitions. Journal of Chemical Physics, 1970, 52, 2460-2473.	3.0	126
98	Molecular dynamics studies of the liquid-vapor interface of water. Journal of Chemical Physics, 1991, 94, 2207-2218.	3.0	126
99	Hydrogen Bonds with Large Proton Polarizability and Proton Transfer Processes in Electrochemistry and Biology. Advances in Chemical Physics, 2007, , 1-217.	0.3	126
100	The distribution of rings of hydrogen-bonded molecules in a model of liquid water. Journal of Chemical Physics, 1987, 86, 5676-5682.	3.0	124
101	On the Statistical Theory of Unimolecular Processes. Advances in Chemical Physics, 2007, , 231-263.	0.3	124
102	Generalized Langevin Equations and Many-Body Problems in Chemical Dynamics. Advances in Chemical Physics, 2007, , 143-253.	0.3	121
103	Phase transitions in a confined quasi-two-dimensional colloid suspension. Physical Review E, 1997, 55, 637-656.	2.1	120
104	Modeling Viral Capsid Assembly. Advances in Chemical Physics, 2014, 155, 1-68.	0.3	120
105	Radiative and Nonradiative Processes in Benzene. Advances in Chemical Physics, 2007, , 365-421.	0.3	119
106	The water-water pair potential near the hydrogen bonded equilibrium configuration. Journal of Chemical Physics, 1980, 72, 3236-3247.	3.0	118
107	Fractal behavior in classical collisional energy transfer. Journal of Chemical Physics, 1986, 84, 2649-2652.	3.0	118
108	Theory of Inhomogeneous Electron Systems: Spin-Density-Functional Formalism. Advances in Chemical Physics, 2007, , 59-193.	0.3	118

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109	Classical Description of Nonadiabatic Quantum Dynamics. <i>Advances in Chemical Physics</i> , 2005, , 243-375.	0.3	117
110	Molecular Vibration and Nonlinear Optics. <i>Advances in Chemical Physics</i> , 2007, , 1-40.	0.3	117
111	On an Approximate Theory of Transport in Dense Media. <i>Journal of Chemical Physics</i> , 1959, 31, 901-908.	3.0	116
112	Charge-Transfer Exciton States in Aromatic Molecular Crystals. <i>Journal of Chemical Physics</i> , 1964, 41, 3294-3306.	3.0	113
113	Statistical Physics of Polymer Solutions: Conformation-Space Renormalization-Group Approach. <i>Advances in Chemical Physics</i> , 2007, , 301-437.	0.3	113
114	Exciton-Exciton Interactions and Photoconductivity in Crystalline Anthracene. <i>Journal of Chemical Physics</i> , 1963, 38, 366-373.	3.0	112
115	1B _{2u} →1A _{1g} spectroscopy of jet-cooled benzene: Single vibronic level fluorescence studies. <i>Journal of Chemical Physics</i> , 1984, 81, 1060-1072.	3.0	112
116	Relaxation dynamics of photoexcited benzene-rare gas van der Waals complexes. <i>Journal of Chemical Physics</i> , 1984, 81, 1083-1101.	3.0	112
117	Oscillations and Complex Dynamical Bifurcations in Electrochemical Systems. <i>Advances in Chemical Physics</i> , 2007, , 161-298.	0.3	112
118	Quantum ergodicity and vibrational relaxation in isolated molecules. II. Independent effects and relaxation to the asymptotic limit. <i>Journal of Chemical Physics</i> , 1974, 61, 768-779.	3.0	111
119	Chemical Reaction Dynamics in Liquid Solution. <i>Advances in Chemical Physics</i> , 2007, , 61-223.	0.3	111
120	On the Singlet-Exciton States of Crystalline Anthracene. <i>Journal of Chemical Physics</i> , 1965, 42, 1515-1534.	3.0	110
121	The mean spherical approximation and effective pair potentials in liquids. <i>Journal of Chemical Physics</i> , 1980, 72, 4208-4215.	3.0	108
122	Optimization and Characterization of a Multiconfigurational Self-Consistent Field (MCSCF) State. <i>Advances in Chemical Physics</i> , 2007, , 1-176.	0.3	108
123	A zeroth order random network model of liquid water. <i>Journal of Chemical Physics</i> , 1979, 70, 3927-3938.	3.0	107
124	On using shaped light pulses to control the selectivity of product formation in a chemical reaction: An application to a multiple level system. <i>Journal of Chemical Physics</i> , 1990, 93, 1670-1680.	3.0	107
125	On the Use of Pseudopotentials in the Quantum Theory of Atoms and Molecules. <i>Advances in Chemical Physics</i> , 2007, , 283-342.	0.3	106
126	Superparamagnetism and Spin Glass Dynamics of Interacting Magnetic Nanoparticle Systems. <i>Advances in Chemical Physics</i> , 2004, , 191-248.	0.3	105

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127	Electron Resonance of Gaseous Diatomic Molecules. Advances in Chemical Physics, 2007, , 149-248.	0.3	105
128	Use of Pseudopotentials in Atomic Structure Calculations. Journal of Chemical Physics, 1968, 49, 2741-2755.	3.0	104
129	Lifetimes and Quantum Yields of Individual Vibronic States of C ₆ D ₆ and C ₆ H ₅ F. Journal of Chemical Physics, 1972, 56, 2291-2308.	3.0	104
130	Study of Impurity-Host Coupling in Shpol'skii Matrices. Journal of Chemical Physics, 1971, 54, 2014-2023.	3.0	102
131	A synchrotron x-ray liquid surface spectrometer. Review of Scientific Instruments, 1997, 68, 4372-4384.	1.3	102
132	A study of the liquid-vapor interface of mercury: Computer simulation results. Journal of Chemical Physics, 1983, 78, 5081-5095.	3.0	101
133	A molecular dynamics study of the structure of a model Langmuir monolayer of amphiphile molecules. Journal of Chemical Physics, 1988, 89, 5898-5908.	3.0	101
134	Chemical Kinetics of Flue Gas Cleaning by Irradiation with Electrons. Advances in Chemical Physics, 2007, , 315-402.	0.3	101
135	A pseudopotential theory for the liquid-vapor interface of simple metals: Computer simulation studies of sodium and cesium. Journal of Chemical Physics, 1983, 78, 5225-5249.	3.0	100
136	Formation of an ordered Langmuir monolayer by a non-polar chain molecule. Nature, 1994, 367, 151-153.	27.8	100
137	Determination of the density profile in the liquid-vapor interface near the triple point. Journal of Chemical Physics, 1978, 68, 5558-5567.	3.0	96
138	Accurate Quantum Chemical Calculations. Advances in Chemical Physics, 2007, , 103-161.	0.3	96
139	High-Precision Molecular Wave-Packet Interferometry with HgAr Dimers. Physical Review Letters, 2003, 91, 243003.	7.8	95
140	Unimolecular decomposition of the long-lived complex formed in the reaction F+C ₄ H ₈ . Journal of Chemical Physics, 1973, 59, 1402-1415.	3.0	93
141	Ultrafast Dynamics and Spectroscopy of Bacterial Photosynthetic Reaction Centers. Advances in Chemical Physics, 2002, , 1-88.	0.3	93
142	Reduced Dimensionality Theories of Quantum Reactive Scattering. Advances in Chemical Physics, 2007, , 115-167.	0.3	93
143	The Virial Theorem. Advances in Chemical Physics, 2007, , 209-361.	0.3	92
144	Electrolytes and the Electric Double Layer. Advances in Chemical Physics, 2007, , 1-159.	0.3	90

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145	Control of Quantum Dynamics by Laser Pulses: Adiabatic Floquet Theory. <i>Advances in Chemical Physics</i> , 2003, , 147-267.	0.3	89
146	Recent Developments in the Study of Monolayers at the Air-Water Interface. <i>Advances in Chemical Physics</i> , 2007, , 397-449.	0.3	89
147	The Theoretical Investigation of the Electron Affinity of Chemical Compounds. <i>Advances in Chemical Physics</i> , 2007, , 169-221.	0.3	88
148	The influence of quantization on the onset of chaos in Hamiltonian systems: The Kolmogorov entropy interpretation. <i>Journal of Chemical Physics</i> , 1981, 74, 1340-1349.	3.0	87
149	Structure of the liquid-vapor interface of water. <i>Journal of Chemical Physics</i> , 1985, 82, 4391-4392.	3.0	87
150	Nonequilibrium Phase Transitions and Chemical Instabilities. <i>Advances in Chemical Physics</i> , 2007, , 311-355.	0.3	87
151	Spectroscopic properties of polyenes. II. The vacuum ultraviolet spectra of cis- and trans-1,3,5-hexatriene. <i>Journal of Chemical Physics</i> , 1974, 60, 3231-3237.	3.0	86
152	Intrinsic Viscosity and the Polarizability of Particles Having a Wide Range of Shapes. <i>Advances in Chemical Physics</i> , 2007, , 85-153.	0.3	85
153	Theory of Collision-Induced Line Shapes-Absorption and Light Scattering at Low Density. <i>Advances in Chemical Physics</i> , 2007, , 49-112.	0.3	85
154	Picosecond Time-Resolved Dynamics of Vibrational-Energy Redistribution and Coherence in Beam-Isolated Molecules. <i>Advances in Chemical Physics</i> , 2007, , 265-364.	0.3	84
155	On the Kinetic Theory of Dense Fluids. VII. The Doublet Distribution Function for Rigid Spheres with an Attractive Potential. <i>Journal of Chemical Physics</i> , 1961, 34, 2156-2165.	3.0	83
156	Do Exciton States Exist in the Liquid Phase?. <i>Journal of Chemical Physics</i> , 1966, 44, 4470-4472.	3.0	82
157	Theory of Dynamical Properties of Dielectric Surfaces. <i>Advances in Chemical Physics</i> , 2007, , 355-541.	0.3	82
158	On the Kinetic Theory of Simple Dense Fluids. XI. Experimental and Theoretical Studies of Positive Ion Mobility in Liquid Ar, Kr, and Xe. <i>Journal of Chemical Physics</i> , 1962, 37, 947-956.	3.0	81
159	On the Kinetic Theory of Dense Fluids. XIV. Experimental and Theoretical Studies of Thermal Conductivity in Liquid Ar, Kr, Xe, and CH ₄ . <i>Journal of Chemical Physics</i> , 1963, 39, 1561-1571.	3.0	81
160	Fluorescence spectroscopy of cold and warm naphthalene molecules: Some new vibrational assignments. <i>Journal of Chemical Physics</i> , 1981, 75, 5685-5693.	3.0	80
161	The Dissociation Dynamics of Energy-Selected Ions. <i>Advances in Chemical Physics</i> , 2007, , 111-202.	0.3	80
162	Polar and Nonpolar Solvation Dynamics, Ion Diffusion, and Vibrational Relaxation: Role of Biphasic Solvent Response in Chemical Dynamics. <i>Advances in Chemical Physics</i> , 2007, , 207-433.	0.3	80

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163	Structure and Dynamics of Low-Temperature Water as Studied by Scattering Techniques. <i>Advances in Chemical Physics</i> , 2007, , 1-45.	0.3	80
164	Kinetic Theory of Chemical Reactions in Liquids. <i>Advances in Chemical Physics</i> , 2007, , 71-181.	0.3	80
165	Self-consistent Monte Carlo simulations of the electron and ion distributions of inhomogeneous liquid alkali metals. I. Longitudinal and transverse density distributions in the liquid-vapor interface of a one-component system. <i>Journal of Chemical Physics</i> , 1987, 87, 3069-3081.	3.0	79
166	A molecular dynamics study of the packing structures in monolayers of partially fluorinated amphiphiles. <i>Journal of Chemical Physics</i> , 1992, 96, 1352-1366.	3.0	79
167	Interfering for the good of a chemical reaction. <i>Nature</i> , 2001, 409, 422-426.	27.8	79
168	Electron-Correlated Approaches for the Calculation of NMR Chemical Shifts. <i>Advances in Chemical Physics</i> , 2003, , 355-422.	0.3	79
169	Principles and Applications of Multiple-Quantum Nmr. <i>Advances in Chemical Physics</i> , 2007, , 1-152.	0.3	79
170	Electron-Impact Spectrometry. <i>Advances in Chemical Physics</i> , 2007, , 15-90.	0.3	78
171	Theory of Radiationless Transitions in an Isolated Molecule. <i>Journal of Chemical Physics</i> , 1968, 49, 610-621.	3.0	77
172	Stability and Dissipative Structures in Open Systems far from Equilibrium. <i>Advances in Chemical Physics</i> , 2007, , 209-324.	0.3	77
173	Low-Energy Electron Diffraction. <i>Advances in Chemical Physics</i> , 0, , 215-339.	0.3	77
174	Vibration \rightarrow Vibration Energy Transfer. <i>Advances in Chemical Physics</i> , 2007, , 41-83.	0.3	76
175	Single vibronic level fluorescence from aniline. <i>Journal of Chemical Physics</i> , 1979, 70, 2511-2520.	3.0	75
176	An accurate integral equation for the pair and triplet distribution functions of a simple liquid. <i>Journal of Chemical Physics</i> , 1981, 74, 3033-3041.	3.0	75
177	The OH stretching spectrum of liquid water: A random network model interpretation. <i>Journal of Chemical Physics</i> , 1983, 78, 4817-4823.	3.0	75
178	Phase space bottlenecks and statistical theories of isomerization reactions. <i>Journal of Chemical Physics</i> , 1987, 86, 2020-2035.	3.0	75
179	Selective photochemistry via adiabatic passage: An extension of stimulated Raman adiabatic passage for degenerate final states. <i>Physical Review A</i> , 1998, 57, 2885-2894.	2.5	75
180	An improved analysis of the OH stretching region of the vibrational spectrum of ice Ih. <i>Journal of Chemical Physics</i> , 1982, 77, 583-602.	3.0	74

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