Paul Brumer

List of Publications by Year
in descending order

158 papers	5,893 citations	87723 38 h-index	85405 71 g-index
187 all docs	187 docs citations	187 times ranked	3218 citing authors

#	Article	IF	Citations
1	Near-threshold scaling of resonant inelastic collisions at ultralow temperatures. Physical Review A, 2022, 105, .	1.0	1
2	Coherent multichannel optical theorem: Quantum control of the total scattering cross section. Physical Review A, 2022, 105, .	1.0	3
3	Steady-state Fano coherences in a V-type system driven by polarized incoherent light. Physical Review Research, 2021, 3, .	1.3	11
4	Computational approaches to efficient generation of the stationary state for incoherent light excitation. Journal of Chemical Physics, 2021, 154, 124126.	1.2	1
5	Extreme Parametric Sensitivity in the Steady-State Photoisomerization of Two-Dimensional Model Rhodopsin. Journal of Physical Chemistry Letters, 2021, 12, 3618-3624.	2.1	7
6	Complete Quantum Coherent Control of Ultracold Molecular Collisions. Physical Review Letters, 2021, 126, 153403.	2.9	21
7	Generalized Adiabatic Theorems: Quantum Systems Driven by Modulated Time-Varying Fields. PRX Quantum, 2021, 2, .	3.5	3
8	Multi-objective optimization for retinal photoisomerization models with respect to experimental observables. Journal of Chemical Physics, 2021, 155, 234109.	1.2	2
9	Noise-induced coherence in molecular processes. Journal of Physics B: Atomic, Molecular and Optical Physics, 2021, 54, 223001.	0.6	7
10	Fully differentiable optimization protocols for non-equilibrium steady states. New Journal of Physics, 2021, 23, 123006.	1.2	9
11	Energy transfer under natural incoherent light: Effects of asymmetry on efficiency. Journal of Chemical Physics, 2020, 153, 114102.	1.2	10
12	Pulsed two-photon coherent control of channelrhodopsin-2 photocurrent in live brain cells. Journal of Chemical Physics, 2020, 153, 034303.	1.2	3
13	Coherent control of reactive scattering at low temperatures: Signatures of quantum interference in the differential cross sections for <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi mathvariant="normal">F</mml:mi><mml:mo>+</mml:mo><mml:mo>Â</mml:mo><mml:msub><mml:mi mathvariant="normal">H</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi mathvariant="normal">F</mml:mi><mml:	1.0	10
14	Equilibrium stationary coherence in the multilevel spin-boson model. Physical Review A, 2020, 102, .	1.0	4
15	Observation of persistent orientation of chiral molecules by a laser field with twisted polarization. Physical Review A, 2020, 101, .	1.0	29
16	LH1â€“RC light-harvesting photocycle under realistic lightâ€“matter conditions. Journal of Chemical Physics, 2020, 152, 154101.	1.2	9
17	Multiple time scale open systems: Reaction rates and quantum coherence in model retinal photoisomerization under incoherent excitation. Journal of Chemical Physics, 2019, 151, 014104.	1.2	8
18	An efficient spectral method for numerical time-dependent perturbation theory. Journal of Chemical Physics, 2019, 151, 144106.	1.2	1

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19	Laser-induced persistent orientation of chiral molecules. Physical Review A, 2019, 100, .	1.0	22
20	Influence of non-Markovian dynamics in equilibrium uncertainty-relations. Journal of Chemical Physics, 2019, 150, 034105.	1.2	10
21	Light-induced processes in nature: Coherences in the establishment of the nonequilibrium steady state in model retinal isomerization. Journal of Chemical Physics, 2019, 150, 184304.	1.2	16
22	Determining the number of integrals of motion by an adapted correlation dimension method. Physical Review E, 2019, 99, 032222.	0.8	2
23	Non-equilibrium stationary coherences in photosynthetic energy transfer under weak-field incoherent illumination. Journal of Chemical Physics, 2018, 148, 124114.	1.2	30
24	Secular versus nonsecular Redfield dynamics and Fano coherences in incoherent excitation: An experimental proposal. Physical Review A, 2018, 97, .	1.0	29
25	Quantumness in light harvesting is determined by vibrational dynamics. Journal of Chemical Physics, 2018, 149, 234102.	1.2	13
26	Quantum-state-controlled channel branching in cold Ne(3P2)+Ar chemi-ionization. Nature Chemistry, 2018, 10, 1190-1195.	6.6	58
27	An efficient approach to the quantum dynamics and rates of processes induced by natural incoherent light. Journal of Chemical Physics, 2018, 149, 114104.	1.2	13
28	Coherent Control of Penning and Associative Ionization: Insights from Symmetries. Physical Review Letters, 2018, 121, 163405.	2.9	9
29	Shedding (Incoherent) Light on Quantum Effects in Light-Induced Biological Processes. Journal of Physical Chemistry Letters, 2018, 9, 2946-2955.	2.1	54
30	Classical coherent two-dimensional vibrational spectroscopy. Journal of Chemical Physics, 2018, 148, 064101.	1.2	11
31	Laser-induced molecular alignment in the presence of chaotic rotational dynamics. Journal of Chemical Physics, 2017, 146, 124313.	1.2	4
32	Interfering resonance as an underlying mechanism in the adaptive feedback control of radiationless transitions: Retinal isomerization. Journal of Chemical Physics, 2017, 147, 114107.	1.2	6
33	Open system perspective on incoherent excitation of light-harvesting systems. Journal of Physics B: Atomic, Molecular and Optical Physics, 2017, 50, 184003.	0.6	25
34	Toward Coherent Control Around the Quantum-Classical Boundary. Advances in Chemical Physics, 2016, , 283-312.	0.3	0
35	Localized operator partitioning method for electronic excitation energies in the time-dependent density functional formalism. Journal of Chemical Physics, 2016, 145, 244111.	1.2	2
36	Transform-limited-pulse representation of excitation with natural incoherent light. Journal of Chemical Physics, 2016, 144, 044103.	1.2	21

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37	Piecewise Adiabatic Passage in Polarization Optics: an Achromatic Polarization Rotator. Advances in Chemical Physics, 2016, , 219-234.	0.3	1
38	Quantum dynamics of incoherently driven V-type systems: Analytic solutions beyond the secular approximation. Journal of Chemical Physics, 2016, 144, 244108.	1.2	35
39	Dynamics of Photochemical Reactions of Organic Carbonyls and their Clusters. Advances in Chemical Physics, 2016, , 1-22.	0.3	0
40	Coherent dynamics of V-type systems driven by time-dependent incoherent radiation. Journal of Chemical Physics, 2016, 145, 244313.	1.2	30
41	Spin-Orbit Interactions and Quantum Spin Dynamics in Cold Ion-Atom Collisions. Physical Review Letters, 2016, 117, 143201.	2.9	17
42	Controlling Quantum Dynamics with Assisted Adiabatic Processes. Advances in Chemical Physics, 2016, , 51-136.	0.3	5
43	Quantum Dynamics by Partitioning Technique. Advances in Chemical Physics, 2016, , 349-394.	0.3	0
44	Classical Approach to Multichromophoric Resonance Energy Transfer. Physical Review Letters, 2015, 115, 110402.	2.9	15
45	Power enhancement of heat engines via correlated thermalization in a three-level â€œworking fluidâ€• Scientific Reports, 2015, 5, 14413.	1.6	43
46	Realistic vs sudden turn-on of natural incoherent light: Coherences and dynamics in molecular excitation and internal conversion. Journal of Chemical Physics, 2015, 143, 244313.	1.2	15
47	Quantum coherence effects in natural light-induced processes: cisâ€“trans photoisomerization of model retinal under incoherent excitation. Physical Chemistry Chemical Physics, 2015, 17, 30904-30913.	1.3	34
48	Partial secular Bloch-Redfield master equation for incoherent excitation of multilevel quantum systems. Journal of Chemical Physics, 2015, 142, 104107.	1.2	41
49	An efficient implementation of the localized operator partitioning method for electronic energy transfer. Journal of Chemical Physics, 2015, 142, 084114.	1.2	2
50	Direct experimental determination of spectral densities of molecular complexes. Journal of Chemical Physics, 2014, 141, 174102.	1.2	16
51	Theory of perturbative pulse train based coherent control. Journal of Chemical Physics, 2014, 140, 124307.	1.2	13
52	Long-Lived Quasistationary Coherences in a<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>V</mml:mi></mml:math>-type System Driven by Incoherent Light. Physical Review Letters, 2014, 113, 113601.	2.9	66
53	Quantum driven dissipative parametric oscillator in a blackbody radiation field. Journal of Mathematical Physics, 2014, 55, .	0.5	15
54	Transient quantum coherent response to a partially coherent radiation field. Journal of Chemical Physics, 2014, 140, 074104.	1.2	16

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55	Certifying the quantumness of a generalized coherent control scenario. Journal of Chemical Physics, 2014, 141, 204311.	1.2	3
56	Nature of Quantum States Created by One Photon Absorption: Pulsed Coherent vs Pulsed Incoherent Light. Journal of Physical Chemistry A, 2013, 117, 8199-8204.	1.1	13
57	Coherent one-photon phase control in closed and open quantum systems: A general master equation approach. Faraday Discussions, 2013, 163, 485.	1.6	23
58	Incoherent excitation of thermally equilibrated open quantum systems. Physical Review A, 2013, 87, .	1.0	44
59	Communication: One-photon phase control of cis-trans isomerization in retinal. Journal of Chemical Physics, 2013, 138, 071104.	1.2	27
60	Mechanisms in environmentally assisted one-photon phase control. Journal of Chemical Physics, 2013, 139, 164123.	1.2	24
61	Efficient computational approach to the non-Markovian second order quantum master equation: electronic energy transfer in model photosynthetic systems. Molecular Physics, 2012, 110, 1815-1828.	0.8	10
62	Computational methodologies and physical insights into electronic energy transfer in photosynthetic light-harvesting complexes. Physical Chemistry Chemical Physics, 2012, 14, 10094.	1.3	85
63	Molecular response in one-photon absorption via natural thermal light vs. pulsed laser excitation. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 19575-19578.	3.3	123
64	Generic Construction of Kraus Operators: dâ€level Systems in a Thermal Bosonic Bath. Israel Journal of Chemistry, 2012, 52, 461-466.	1.0	4
65	Electronic energy transfer in model photosynthetic systems: Markovian vs. non-Markovian dynamics. Faraday Discussions, 2011, 153, 41.	1.6	11
66	Physical Basis for Long-Lived Electronic Coherence in Photosynthetic Light-Harvesting Systems. Journal of Physical Chemistry Letters, 2011, 2, 2728-2732.	2.1	82
67	Excitation of Biomolecules by Coherent vs. Incoherent Light: Model Rhodopsin Photoisomerization. Procedia Chemistry, 2011, 3, 122-131.	0.7	33
68	Coherently wired light-harvesting in photosynthetic marine algae at ambient temperature. Nature, 2010, 463, 644-647.	13.7	1,392
69	Universality in exact quantum state population dynamics and control. Physical Review A, 2010, 82, .	1.0	2
70	Communication: Conditions for one-photon coherent phase control in isolated and open quantum systems. Journal of Chemical Physics, 2010, 133, 151101.	1.2	45
71	State densities and time delay in molecular collisions. International Journal of Quantum Chemistry, 2009, 20, 583-594.	1.0	0
72	Controlled quantum-state transfer in a spin chain. Physical Review A, 2007, 75, .	1.0	24

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73	Chaos and Reaction Dynamics. Advances in Chemical Physics, 2007, , 365-439.	0.3	35
74	An Analysis of Two Liquidâ€State Adaptive Feedback Experiments. Israel Journal of Chemistry, 2007, 47, 111-114.	1.0	1
75	Theoretical Aspects of Photodissociation and Intramolecular Dynamics. Advances in Chemical Physics, 2007, , 371-402.	0.3	21
76	Intramolecular Energy Transfer: Theories for the Onset of Statistical Behavior. Advances in Chemical Physics, 2007, , 201-238.	0.3	48
77	Overlapping resonances in the coherent control of radiationless transitions: Internal conversion in pyrazine. Journal of Chemical Physics, 2005, 123, 064313.	1.2	43
78	Mechanisms in Adaptive Feedback Control: Photoisomerization in a Liquid. Physical Review Letters, 2005, 95, 168305.	2.9	45
79	Coherent Control of Resonance-Mediated Reactions:F+HD. Physical Review Letters, 2004, 92, 133204.	2.9	37
80	Quantum versus classical decoherence dynamics. Journal of Modern Optics, 2003, 50, 2411-2422.	0.6	6
81	Coherent control of molecular dynamics. Reports on Progress in Physics, 2003, 66, 859-942.	8.1	195
82	Enantiomeric purification of nonpolarized racemic mixtures using coherent light. Journal of Chemical Physics, 2003, 119, 7237-7246.	1.2	29
83	Classical Wigner phase space approximation to cumulative matrix elements in coherent control. Journal of Chemical Physics, 2003, 119, 3606-3618.	1.2	9
84	Entanglement-assisted coherent control in nonreactive diatomâ€“diatom scattering. Journal of Chemical Physics, 2003, 118, 2626.	1.2	20
85	Coherent control of the CH2Br+Iâ†CH2BrIâ†’CH2I+Br branching photodissociation reaction. Journal of Chemical Physics, 2002, 116, 5584-5592.	1.2	27
86	A direct approach to one photon interference contributions in the coherent control of photodissociation. Journal of Chemical Physics, 2001, 114, 10321-10331.	1.2	12
87	Chiral Molecules with Achiral Excited States:Â A Computational Study of 1,3-Dimethylallene. Journal of Physical Chemistry A, 2001, 105, 9509-9517.	1.1	16
88	Coherent control of atomâ€“diatom reactive scattering: isotopic variants of H+H2 in three dimensions. Chemical Physics, 2001, 267, 81-92.	0.9	17
89	Coherent control of quantum chaotic diffusion: Diatomic molecules in a pulsed microwave field. Journal of Chemical Physics, 2001, 115, 3590-3597.	1.2	26
90	Theory of enantiomeric control in dimethylallene using achiral light. Journal of Chemical Physics, 2001, 115, 5349-5352.	1.2	51

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91	Identical collision partners in the coherent control of bimolecular reactions. Journal of Chemical Physics, 2000, 113, 2053-2055.	1.2	13
92	Optimized Imploding Waves in the Coherent Control of Bimolecular Processes:Â Atomâ^'Rotor Scattering. Journal of Physical Chemistry A, 1999, 103, 10333-10342.	1.1	5
93	Quantum Reflection of Ultracold Atoms in Magnetic Traps. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 1999, 54, 167-170.	0.7	0
94	Coherent Control Theory of off Resonance Refractive Index of Medium with a Gaussian Pulse of Coherent Light. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 1999, 54, 171-176.	0.7	0
95	Coherent enhancement and suppression of reactive scattering and tunneling. Journal of Chemical Physics, 1999, 110, 9-11.	1.2	20
96	Laboratory conditions in the coherent control of reactive scattering. Faraday Discussions, 1999, 113, 291-302.	1.6	28
97	Quantum coherence in the control of molecular processes. Laser and Particle Beams, 1998, 16, 599-603.	0.4	9
98	Weak-field optimal control of Na2 photodissociation. Journal of Chemical Physics, 1998, 109, 8993-9001.	1.2	6
99	Semiclassical initial value approach for chaotic long-lived dynamics. Journal of Chemical Physics, 1998, 109, 2999-3003.	1.2	49
100	Two-pulse coherent control of electronic branching in Li2 photodissociation. Journal of Chemical Physics, 1998, 108, 3585-3590.	1.2	20
101	Extracting signatures of quantum chaos from the time resolved fluorescence of isolated molecules. Journal of Chemical Physics, 1997, 107, 4893-4905.	1.2	4
102	Quantum-classical correspondence via Liouville dynamics. I. Integrable systems and the chaotic spectral decomposition. Physical Review A, 1997, 55, 27-42.	1.0	50
103	Semiclassical initial value theory for dissociation dynamics. Journal of Chemical Physics, 1997, 107, 791-803.	1.2	38
104	Quantum-classical correspondence via Liouville dynamics. II. Correspondence for chaotic Hamiltonian systems. Physical Review A, 1997, 55, 43-61.	1.0	44
105	Quantum control of dynamics. , 1997, , .		0
106	Electronic absorption spectroscopy of diatomics on a dynamic surface: IBr on MgO(001). Journal of Chemical Physics, 1996, 105, 3479-3485.	1.2	3
107	Coherent control of bimolecular collisions: Collinear reactive scattering. Journal of Chemical Physics, 1996, 105, 9162-9166.	1.2	16
108	Pumpâ€“dump coherent control with partially coherent laser pulses. Journal of Chemical Physics, 1996, 104, 607-615.	1.2	20

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109	Coherent Control of Collisional Events: Bimolecular Reactive Scattering. Physical Review Letters, 1996, 77, 2574-2576.	2.9	54
110	Interference control without laser coherence: Molecular photodissociation. Journal of Chemical Physics, 1995, 102, 5683-5694.	1.2	33
111	Quantum limitations on dynamics and control. Journal of Chemical Physics, 1995, 103, 487-488.	1.2	15
112	Coherent and incoherent laser control of photochemical reactions. International Reviews in Physical Chemistry, 1994, 13, 187-229.	0.9	111
113	Theoretical study of the S1â†"S0 spectroscopy of anthracene. Journal of Chemical Physics, 1994, 101, 10366-10381.	1.2	26
114	Comment on â€˜â€˜Nonâ€Riceâ€“Ramspergerâ€“Kasselâ€“Marcus dynamics and the statistics of reaction rates in chaotic systemsâ€™â€™ [J. Chem. Phys.98, 7898 (1993)]. Journal of Chemical Physics, 1994, 100, 1773-1774.	1.2	0
115	Relative Laser Phase in the Coherent Control and Interference Control of Photodissociation Branching Ratios. Israel Journal of Chemistry, 1994, 34, 137-145.	1.0	2
116	Multiproduct coherent control of photodissociation via twoâ€photon versus twoâ€photon interference. Journal of Chemical Physics, 1993, 98, 6843-6852.	1.2	39
117	Threeâ€dimensional quantumâ€mechanical computations of the control of the H+ODâ†ÐOHâ†'D+OH reaction. Journal of Chemical Physics, 1993, 98, 201-205.	1.2	57
118	Theory of resonant twoâ€photon dissociation of Na2. Journal of Chemical Physics, 1993, 98, 8647-8659.	1.2	19
119	Semiclassical collision theory in the initial value representation: Efficient numerics and reactive formalism. Journal of Chemical Physics, 1992, 96, 5969-5982.	1.2	46
120	Total Nâ€channel control in the weak field domain. Journal of Chemical Physics, 1992, 97, 6259-6261.	1.2	28
121	Coherent radiative control of molecular photodissociation via resonant two-photon versus two-photon interference. Chemical Physics Letters, 1992, 198, 498-504.	1.2	34
122	Creation and dynamics of molecular states prepared with coherent vs partially coherent pulsed light. Journal of Chemical Physics, 1991, 94, 5833-5843.	1.2	82
123	Controlled photon induced symmetry breaking: Chiral molecular products from achiral precursors. Journal of Chemical Physics, 1991, 95, 8658-8661.	1.2	79
124	Intramolecular vibrational redistribution in alkylbenzenes. II. Spectroscopy and dynamics. Journal of Chemical Physics, 1991, 94, 2862-2872.	1.2	19
125	Intramolecular vibrational redistribution in alkylbenzenes. I. Normal modes and their energy distribution. Journal of Chemical Physics, 1991, 94, 2848-2861.	1.2	22
126	Coherent control of bimolecular chemical reactions. Journal of Chemical Physics, 1990, 92, 1126-1131.	1.2	44

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127	Twoâ€pulse coherent control of electronic states in the photodissociation of IBr: Theory and proposed experiment. Journal of Chemical Physics, 1990, 93, 2493-2498.	1.2	52
128	Nonstatistical unimolecular decay in quasiperiodic systems. Journal of Chemical Physics, 1989, 90, 96-104.	1.2	7
129	Coherent radiative control of unimolecular reactions: Selective bond breaking with picosecond pulses. Journal of Chemical Physics, 1989, 90, 7132-7136.	1.2	64
130	Laser control of unimolecular decay yields in the presence of collisions. Journal of Chemical Physics, 1989, 90, 6179-6186.	1.2	49
131	One photon mode selective control of reactions by rapid or shaped laser pulses: An emperor without clothes?. Chemical Physics, 1989, 139, 221-228.	0.9	103
132	Characteristics of power spectra for regular and chaotic systems. Journal of Chemical Physics, 1988, 88, 1481-1496.	1.2	38
133	The Conservation of the Correlation Length of Quantum and Classical Chaotic States. Zeitschrift Fur Elektrotechnik Und Elektrochemie, 1988, 92, 212-216.	0.9	9
134	Relaxation rates in chaotic and quasiperiodic systems. Journal of Chemical Physics, 1987, 87, 6437-6448.	1.2	12
135	Laser control of product quantum state populations in unimolecular reactions. Journal of Chemical Physics, 1986, 84, 4103-4104.	1.2	296
136	The equivalence of unimolecular decay product yields in pulsed and cw laser excitation. Journal of Chemical Physics, 1986, 84, 540-541.	1.2	27
137	Classical Analog of Pure-State Quantum Dynamics. Physical Review Letters, 1985, 54, 8-10.	2.9	29
138	Classical trajectory study of vibrationâ€rotation interaction in highly excited triatomic molecules. Journal of Chemical Physics, 1985, 83, 190-207.	1.2	69
139	Classicalâ€quantum correspondence in the distribution dynamics of integrable systems. Journal of Chemical Physics, 1985, 82, 2330-2340.	1.2	57
140	Exit channel corrected phase space theory for product distributions in unimolecular decay. Journal of Chemical Physics, 1985, 82, 595-597.	1.2	24
141	A minimally dynamic approach to unimolecular decay: CCH and coupled Morse dynamics. Journal of Chemical Physics, 1985, 82, 1937-1946.	1.2	18
142	Continuum vs bound state statisticality. Journal of Chemical Physics, 1984, 80, 4567-4568.	1.2	2
143	Intramolecular relaxation inN=2 Hamiltonian systems: The role of theKentropy. Journal of Chemical Physics, 1983, 78, 2682-2690.	1.2	19
144	Dynamical instability and external perturbations: Bimolecular collisions in laser fields. Journal of Chemical Physics, 1982, 77, 854-859.	1.2	14

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145	Intramolecular dynamics and nonlinear mechanics of model OCS. Journal of Chemical Physics, 1982, 77, 4208-4221.	1.2	44
146	Time delay for bimolecular collisions: Utility of the spectral theorem in the classical limit. Journal of Chemical Physics, 1980, 72, 386-394.	1.2	19
147	Local and normal modes: A classical perspective. Journal of Chemical Physics, 1980, 73, 5646-5658.	1.2	203
148	Geometric effects on complex formation in collinear atomâ€“diatom collisions. Journal of Chemical Physics, 1979, 70, 5527-5533.	1.2	32
149	Exponentiating trajectories and statistical behavior: Three dimensional K+NaCl and H+ICl. Journal of Chemical Physics, 1979, 71, 2693-2702.	1.2	34
150	Statistical behavior and the detailed dynamics of collinear F+H2 trajectories. Journal of Chemical Physics, 1979, 71, 3895-3896.	1.2	8
151	Longâ€lived intermediates in the Borneâ€“Bunker systems. Journal of Chemical Physics, 1978, 69, 1792-1794.	1.2	4
152	Exponentiating trajectories and statistical behavior in collinear atomâ€“diatom collisions. Journal of Chemical Physics, 1977, 67, 4898-4911.	1.2	74
153	Photoinduced Bond Cleavage as a Probe of Mode Specificity and Intramolecular Dynamics in Rovibrationally Excited Triatomic to 10 Atom Molecules. Advances in Chemical Physics, 0, , 23-50.	0.3	0
154	Effects of Electromagnetic Fields on Molecular Scattering. Advances in Chemical Physics, 0, , 313-348.	0.3	1
155	Ultrafast and Efficient Control of Coherent Electron Dynamics via SPODS. Advances in Chemical Physics, 0, , 235-282.	0.3	10
156	From Coherent to Incoherent Dynamical Control of Open Quantum Systems. Advances in Chemical Physics, 0, , 137-218.	0.3	2
157	Laser Control of Ultrafast Molecular Rotation. Advances in Chemical Physics, 0, , 395-412.	0.3	6
158	Steady State Photoisomerization Quantum Yield of Model Rhodopsin: Insights from Wavepacket Dynamics?. Journal of Physical Chemistry Letters, 0, , 4963-4970.	2.1	3