

# Gerhard Stock

## List of Publications by Year in descending order

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135  
papers

8,866  
citations

44042

48  
h-index

46771

89  
g-index

140  
all docs

140  
docs citations

140  
times ranked

5740  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Origin of Driving-Dependent Friction in Fluids. <i>Journal of Chemical Theory and Computation</i> , 2022, 18, 2816-2825.	2.3	6
2	Cooperative Protein Allosteric Transition Mediated by a Fluctuating Transmission Network. <i>Journal of Molecular Biology</i> , 2022, 434, 167679.	2.0	7
3	A Numerical Procedure to Evaluate Memory Effects in Non-equilibrium Coarse-grained Models. <i>Advanced Theory and Simulations</i> , 2021, 4, 2000197.	1.3	22
4	Hierarchical dynamics in allostery following ATP hydrolysis monitored by single molecule FRET measurements and MD simulations. <i>Chemical Science</i> , 2021, 12, 3350-3359.	3.7	22
5	Through bonds or contacts? Mapping protein vibrational energy transfer using non-canonical amino acids. <i>Nature Communications</i> , 2021, 12, 3284.	5.8	28
6	Data-Driven Langevin Modeling of Nonequilibrium Processes. <i>Journal of Physical Chemistry B</i> , 2021, 125, 8125-8136.	1.2	7
7	Real-time observation of ligand-induced allosteric transitions in a PDZ domain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 26031-26039.	3.3	45
8	MSMPathfinder: Identification of Pathways in Markov State Models. <i>Journal of Chemical Theory and Computation</i> , 2020, 16, 7874-7882.	2.3	13
9	Multisecond ligand dissociation dynamics from atomistic simulations. <i>Nature Communications</i> , 2020, 11, 2918.	5.8	52
10	Vibrational Spectroscopic Map, Vibrational Spectroscopy, and Intermolecular Interaction. <i>Chemical Reviews</i> , 2020, 120, 7152-7218.	23.0	205
11	Master equation model to predict energy transport pathways in proteins. <i>Journal of Chemical Physics</i> , 2020, 152, 045103.	1.2	14
12	Modeling non-Markovian data using Markov state and Langevin models. <i>Journal of Chemical Physics</i> , 2020, 153, 244112.	1.2	9
13	Energy Transport Pathways in Proteins: A Non-equilibrium Molecular Dynamics Simulation Study. <i>Journal of Chemical Theory and Computation</i> , 2019, 15, 5750-5757.	2.3	15
14	Photocontrolling Protein-Peptide Interactions: From Minimal Perturbation to Complete Unbinding. <i>Journal of the American Chemical Society</i> , 2019, 141, 10702-10710.	6.6	33
15	Principal component analysis of nonequilibrium molecular dynamics simulations. <i>Journal of Chemical Physics</i> , 2019, 150, 204110.	1.2	31
16	Dynamical coring of Markov state models. <i>Journal of Chemical Physics</i> , 2019, 150, 094111.	1.2	26
17	Allostery in Its Many Disguises: From Theory to Applications. <i>Structure</i> , 2019, 27, 566-578.	1.6	285
18	Machine Learning of Biomolecular Reaction Coordinates. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 2144-2150.	2.1	65

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19	Metadynamics Enhanced Markov Modeling of Protein Dynamics. <i>Journal of Physical Chemistry B</i> , 2018, 122, 5508-5514.	1.2	48
20	MELD-Path Efficiently Computes Conformational Transitions, Including Multiple and Diverse Paths. <i>Journal of Chemical Theory and Computation</i> , 2018, 14, 2109-2116.	2.3	13
21	Targeted Molecular Dynamics Calculations of Free Energy Profiles Using a Nonequilibrium Friction Correction. <i>Journal of Chemical Theory and Computation</i> , 2018, 14, 6175-6182.	2.3	41
22	Perspective: Identification of collective variables and metastable states of protein dynamics. <i>Journal of Chemical Physics</i> , 2018, 149, 150901.	1.2	105
23	Azidohomoalanine: A Minimally Invasive, Versatile, and Sensitive Infrared Label in Proteins To Study Ligand Binding. <i>Journal of Physical Chemistry B</i> , 2018, 122, 10118-10125.	1.2	18
24	A non-equilibrium approach to allosteric communication. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170187.	1.8	48
25	Identification and Validation of Reaction Coordinates Describing Protein Functional Motion: Hierarchical Dynamics of T4 Lysozyme. <i>Journal of Chemical Theory and Computation</i> , 2017, 13, 5076-5088.	2.3	35
26	Time-resolved observation of protein allosteric communication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E6804-E6811.	3.3	63
27	2D-IR Spectroscopy of an AHA Labeled Photoswitchable PDZ2 Domain. <i>Journal of Physical Chemistry A</i> , 2017, 121, 9435-9445.	1.1	18
28	Vibrational energy transport in acetylbenzotrile described by an ab initio-based quantum tier model. <i>Chemical Physics</i> , 2017, 482, 86-92.	0.9	11
29	Principal component analysis on a torus: Theory and application to protein dynamics. <i>Journal of Chemical Physics</i> , 2017, 147, 244101.	1.2	50
30	Global Langevin model of multidimensional biomolecular dynamics. <i>Journal of Chemical Physics</i> , 2016, 145, 184114.	1.2	12
31	Robust Density-Based Clustering To Identify Metastable Conformational States of Proteins. <i>Journal of Chemical Theory and Computation</i> , 2016, 12, 2426-2435.	2.3	68
32	Mechanisms for allosteric activation of protease DegS by ligand binding and oligomerization as revealed from molecular dynamics simulations. <i>Proteins: Structure, Function and Bioinformatics</i> , 2016, 84, 1690-1705.	1.5	6
33	Cover Image, Volume 84, Issue 11. <i>Proteins: Structure, Function and Bioinformatics</i> , 2016, 84, C1.	1.5	0
34	Scaling Rules for Vibrational Energy Transport in Globular Proteins. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 25-30.	2.1	48
35	Long-Range Conformational Response of a PDZ Domain to Ligand Binding and Release: A Molecular Dynamics Study. <i>Journal of Chemical Theory and Computation</i> , 2016, 12, 870-878.	2.3	23
36	Multidimensional Langevin Modeling of Nonoverdamped Dynamics. <i>Physical Review Letters</i> , 2015, 115, 050602.	2.9	20

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37	Nonadiabatic vibrational dynamics in the HCO <sub>2</sub> <sup>-</sup> ⋯H <sub>2</sub> O complex. <i>Journal of Chemical Physics</i> , 2015, 143, 134308.	1.2	20
38	Contact- and distance-based principal component analysis of protein dynamics. <i>Journal of Chemical Physics</i> , 2015, 143, 244114.	1.2	74
39	Vibrational energy flow in the villin headpiece subdomain: Master equation simulations. <i>Journal of Chemical Physics</i> , 2015, 142, 075101.	1.2	48
40	Hierarchical Biomolecular Dynamics: Picosecond Hydrogen Bonding Regulates Microsecond Conformational Transitions. <i>Journal of Chemical Theory and Computation</i> , 2015, 11, 1330-1336.	2.3	30
41	Inferring Transition Rates of Networks from Populations in Continuous-Time Markov Processes. <i>Journal of Chemical Theory and Computation</i> , 2015, 11, 5464-5472.	2.3	69
42	Principal component analysis of molecular dynamics: On the use of Cartesian vs. internal coordinates. <i>Journal of Chemical Physics</i> , 2014, 141, 014111.	1.2	149
43	Long-Range Conformational Transition of a Photoswitchable Allosteric Protein: Molecular Dynamics Simulation Study. <i>Journal of Physical Chemistry B</i> , 2014, 118, 13468-13476.	1.2	26
44	Hierarchical Folding Free Energy Landscape of HP35 Revealed by Most Probable Path Clustering. <i>Journal of Physical Chemistry B</i> , 2014, 118, 7750-7760.	1.2	39
45	Communication: Microsecond peptide dynamics from nanosecond trajectories: A Langevin approach. <i>Journal of Chemical Physics</i> , 2014, 141, 241102.	1.2	6
46	Vibrational conical intersections in the water dimer. <i>Molecular Physics</i> , 2013, 111, 2046-2056.	0.8	22
47	Data driven Langevin modeling of biomolecular dynamics. <i>Journal of Chemical Physics</i> , 2013, 138, 204106.	1.2	10
48	Vibrational Conical Intersections as a Mechanism of Ultrafast Vibrational Relaxation. <i>Physical Review Letters</i> , 2012, 109, 173201.	2.9	38
49	Identifying Metastable States of Folding Proteins. <i>Journal of Chemical Theory and Computation</i> , 2012, 8, 3810-3819.	2.3	74
50	Construction of the Free Energy Landscape of Peptide Aggregation from Molecular Dynamics Simulations. <i>Journal of Chemical Theory and Computation</i> , 2012, 8, 1471-1479.	2.3	40
51	EFFECT OF THE ION TREATMENT ON AN RNA HAIRPIN: MOLECULAR DYNAMICS STUDY. <i>Indonesian Journal of Chemistry</i> , 2012, 12, 1-11.	0.3	1
52	Real Time Observation of Ultrafast Peptide Conformational Dynamics: Molecular Dynamics Simulation vs Infrared Experiment. <i>Journal of Physical Chemistry B</i> , 2011, 115, 13084-13092.	1.2	13
53	Simulation of transient infrared spectra of a photoswitchable peptide. <i>Journal of Chemical Physics</i> , 2011, 135, 225102.	1.2	6
54	Hidden Complexity of Protein Free-Energy Landscapes Revealed by Principal Component Analysis by Parts. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 2769-2773.	2.1	24

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55	Nonequilibrium molecular dynamics simulation of the energy transport through a peptide helix. <i>Journal of Chemical Physics</i> , 2010, 132, 025102.	1.2	66
56	Classical Simulation of Quantum Energy Flow in Biomolecules. <i>Physical Review Letters</i> , 2009, 102, 118301.	2.9	65
57	Multidimensional Langevin modeling of biomolecular dynamics. <i>Journal of Chemical Physics</i> , 2009, 130, 034106.	1.2	48
58	Molecular dynamics simulation of cooling: Heat transfer from a photoexcited peptide to the solvent. <i>Journal of Chemical Physics</i> , 2009, 131, 184503.	1.2	41
59	Quantum and classical vibrational relaxation dynamics of <i>N</i> -methylacetamide on ab initio potential energy surfaces. <i>International Journal of Quantum Chemistry</i> , 2009, 109, 2047-2057.	1.0	22
60	Molecular dynamics simulation study of the binding of purine bases to the aptamer domain of the guanine sensing riboswitch. <i>Nucleic Acids Research</i> , 2009, 37, 4774-4786.	6.5	72
61	Energy Flow and Long-Range Correlations in Guanine-Binding Riboswitch: A Nonequilibrium Molecular Dynamics Study. <i>Journal of Physical Chemistry B</i> , 2009, 113, 9340-9347.	1.2	36
62	Free-Energy Landscape of RNA Hairpins Constructed via Dihedral Angle Principal Component Analysis. <i>Journal of Physical Chemistry B</i> , 2009, 113, 16660-16668.	1.2	53
63	Nonadiabatic vibrational dynamics and spectroscopy of peptides: A quantum-classical description. <i>Chemical Physics</i> , 2008, 347, 208-217.	0.9	24
64	Structural Flexibility of a Helical Peptide Regulates Vibrational Energy Transport Properties. <i>Journal of Physical Chemistry B</i> , 2008, 112, 15487-15492.	1.2	53
65	Maximum Caliber: A variational approach applied to two-state dynamics. <i>Journal of Chemical Physics</i> , 2008, 128, 194102.	1.2	49
66	Molecular Dynamics Simulation of the Structure, Dynamics, and Thermostability of the RNA Hairpins uCACGg and cUUCGg. <i>Journal of Physical Chemistry B</i> , 2008, 112, 134-142.	1.2	47
67	Energy Transport in Peptide Helices: A Comparison between High- and Low-Energy Excitations. <i>Journal of Physical Chemistry B</i> , 2008, 112, 9091-9099.	1.2	92
68	Influence of Nitroxide Spin Labels on RNA Structure: A Molecular Dynamics Simulation Study. <i>Journal of Chemical Theory and Computation</i> , 2008, 4, 1781-1787.	2.3	12
69	NMR and MD studies of the temperature-dependent dynamics of RNA YNMG-tetraloops. <i>Nucleic Acids Research</i> , 2008, 36, 1928-1940.	6.5	56
70	Construction of the free energy landscape of biomolecules via dihedral angle principal component analysis. <i>Journal of Chemical Physics</i> , 2008, 128, 245102.	1.2	170
71	Dynamic treatment of vibrational energy relaxation in a heterogeneous and fluctuating environment. <i>Journal of Chemical Physics</i> , 2008, 129, 134110.	1.2	30
72	How Complex Is the Dynamics of Peptide Folding?. <i>Physical Review Letters</i> , 2007, 98, 028102.	2.9	85

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73	Monomer adds to preformed structured oligomers of Abeta-peptides by a two-stage dock-lock mechanism. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 111-116.	3.3	344
74	Energy transport in peptide helices. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 12749-12754.	3.3	179
75	Structure and Dynamics of the Homologous Series of Alanine Peptides: A Joint Molecular Dynamics/NMR Study. Journal of the American Chemical Society, 2007, 129, 1179-1189.	6.6	304
76	Base-specific spin-labeling of RNA for structure determination. Nucleic Acids Research, 2007, 35, 3128-3143.	6.5	146
77	Dihedral angle principal component analysis of molecular dynamics simulations. Journal of Chemical Physics, 2007, 126, 244111.	1.2	279
78	Ab initio based building block model of amide I vibrations in peptides. Chemical Physics Letters, 2007, 437, 272-276.	1.2	33
79	Conformational Dynamics of RNA-Peptide Binding: A Molecular Dynamics Simulation Study. Biophysical Journal, 2006, 90, 391-399.	0.2	35
80	Photoinduced Conformational Dynamics of a Photoswitchable Peptide: A Nonequilibrium Molecular Dynamics Simulation Study. Biophysical Journal, 2006, 91, 1224-1234.	0.2	49
81	What NMR Relaxation Can Tell Us about the Internal Motion of an RNA Hairpin: A Molecular Dynamics Simulation Study. Journal of Chemical Theory and Computation, 2006, 2, 1228-1236.	2.3	39
82	Classical Calculation of Transient Absorption Spectra Monitoring Ultrafast Electron Transfer Processes. Journal of Chemical Theory and Computation, 2006, 2, 1605-1617.	2.3	9
83	Reply to the comment on "Energy landscape of a small peptide revealed by dihedral angle principal component analysis". Proteins: Structure, Function and Bioinformatics, 2006, 64, 798-799.	1.5	9
84	Classical description of the dynamics and time-resolved spectroscopy of nonadiabatic cis-trans photoisomerization. Chemical Physics, 2006, 329, 109-117.	0.9	6
85	Nonequilibrium molecular dynamics simulation of a photoswitchable peptide. Chemical Physics, 2006, 323, 36-44.	0.9	60
86	Quantum modeling of transient infrared spectra reflecting photoinduced electron-transfer dynamics. Journal of Chemical Physics, 2006, 124, 114105.	1.2	4
87	Improved Wang-Landau sampling through the use of smoothed potential-energy surfaces. Journal of Chemical Physics, 2006, 124, 154107.	1.2	5
88	Modeling of decoherence and dissipation in nonadiabatic photoreactions by an effective-scaling nonsecular Redfield algorithm. Chemical Physics, 2005, 310, 33-41.	0.9	29
89	Structure and Dynamics of an RNA Tetraloop: A Joint Molecular Dynamics and NMR Study. Structure, 2005, 13, 1255-1267.	1.6	35
90	Structure and energy landscape of a photoswitchable peptide: A replica exchange molecular dynamics study. Proteins: Structure, Function and Bioinformatics, 2005, 60, 485-494.	1.5	45

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91	Free energy landscape and folding mechanism of a $\beta^2$ -hairpin in explicit water: A replica exchange molecular dynamics study. <i>Proteins: Structure, Function and Bioinformatics</i> , 2005, 61, 795-808.	1.5	125
92	Ab initio-based exciton model of amide I vibrations in peptides: Definition, conformational dependence, and transferability. <i>Journal of Chemical Physics</i> , 2005, 122, 224904.	1.2	127
93	SYNTHESIS OF SPIN-LABELED RNAs FOR LONG RANGE DISTANCE MEASUREMENTS BY PELDOR. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2005, 24, 771-775.	0.4	44
94	Energy landscape of a small peptide revealed by dihedral angle principal component analysis. <i>Proteins: Structure, Function and Bioinformatics</i> , 2004, 58, 45-52.	1.5	363
95	Transient Spectral Features of a cis $\rightleftharpoons$ trans Photoreaction in the Condensed Phase: A Model Study. <i>Journal of Physical Chemistry A</i> , 2004, 108, 6464-6473.	1.1	18
96	A PELDOR-Based Nanometer Distance Ruler for Oligonucleotides. <i>Journal of the American Chemical Society</i> , 2004, 126, 5722-5729.	6.6	193
97	Mechanism of a photochemical funnel: a dissipative wave-packet dynamics study. <i>Chemical Physics Letters</i> , 2003, 379, 351-358.	1.2	45
98	Quasiclassical and semiclassical wave-packet dynamics in periodic potentials. <i>Journal of Chemical Physics</i> , 2003, 119, 5795-5804.	1.2	12
99	Nonequilibrium molecular-dynamics study of the vibrational energy relaxation of peptides in water. <i>Journal of Chemical Physics</i> , 2003, 119, 11350-11358.	1.2	80
100	Conformational Dynamics of Trialanine in Water. 2. Comparison of AMBER, CHARMM, GROMOS, and OPLS Force Fields to NMR and Infrared Experiments. <i>Journal of Physical Chemistry B</i> , 2003, 107, 5064-5073.	1.2	199
101	Quasiperiodic orbit analysis of nonadiabatic cis $\rightleftharpoons$ trans photoisomerization dynamics. <i>Journal of Chemical Physics</i> , 2003, 119, 4204-4215.	1.2	18
102	Ultrafast cis-trans photoswitching: A model study. <i>Journal of Chemical Physics</i> , 2002, 116, 1085-1091.	1.2	39
103	Classical phase-space analysis of vibronically coupled systems. <i>Journal of Chemical Physics</i> , 2002, 116, 69.	1.2	9
104	Peptide conformational heterogeneity revealed from nonlinear vibrational spectroscopy and molecular-dynamics simulations. <i>Journal of Chemical Physics</i> , 2002, 117, 6833-6840.	1.2	219
105	Conformational Dynamics of Trialanine in Water: A Molecular Dynamics Study. <i>Journal of Physical Chemistry B</i> , 2002, 106, 5294-5301.	1.2	83
106	Periodic-Orbit Analysis of Coherent Electron-Transfer Femtosecond Experiments. <i>Journal of Physical Chemistry A</i> , 2002, 106, 8483-8487.	1.1	5
107	Efficient calculation of femtosecond time-resolved photoelectron spectra: method and application to the ionization of pyrazine. <i>Physical Chemistry Chemical Physics</i> , 2001, 3, 2331-2336.	1.3	27
108	Theoretical Description of Secondary Emission Reflecting Ultrafast Nonadiabatic Isomerization. <i>Journal of Physical Chemistry A</i> , 2001, 105, 2626-2633.	1.1	6

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109	Quantum-classical Liouville description of multidimensional nonadiabatic molecular dynamics. <i>Journal of Chemical Physics</i> , 2001, 114, 2001-2012.	1.2	79
110	Periodic Orbit Description of Nonadiabatic Quantum Dynamics. <i>Physical Review Letters</i> , 2001, 87, 140404.	2.9	12
111	Femtosecond secondary emission arising from the nonadiabatic photoisomerization in rhodopsin. <i>Chemical Physics</i> , 2000, 259, 297-312.	0.9	50
112	Semiclassical description of nonadiabatic quantum dynamics: Application to the S1 $\leftrightarrow$ S2 conical intersection in pyrazine. <i>Journal of Chemical Physics</i> , 2000, 112, 10282-10292.	1.2	155
113	Approximate calculation of femtosecond pump $\leftrightarrow$ probe spectra monitoring nonadiabatic excited-state dynamics. <i>Journal of Chemical Physics</i> , 2000, 112, 4910-4922.	1.2	21
114	Quantum-Mechanical Modeling of the Femtosecond Isomerization in Rhodopsin. <i>Journal of Physical Chemistry B</i> , 2000, 104, 1146-1149.	1.2	151
115	Flow of zero-point energy and exploration of phase space in classical simulations of quantum relaxation dynamics. II. Application to nonadiabatic processes. <i>Journal of Chemical Physics</i> , 1999, 111, 77-88.	1.2	107
116	Mapping approach to the semiclassical description of nonadiabatic quantum dynamics. <i>Physical Review A</i> , 1999, 59, 64-79.	1.0	213
117	Flow of zero-point energy and exploration of phase space in classical simulations of quantum relaxation dynamics. <i>Journal of Chemical Physics</i> , 1999, 111, 65-76.	1.2	117
118	Efficient calculation of time- and frequency-resolved spectra: a mixed non-perturbative/perturbative approach. <i>Chemical Physics Letters</i> , 1998, 296, 137-145.	1.2	16
119	Consistent treatment of quantum-mechanical and classical degrees of freedom in mixed quantum-classical simulations. <i>Journal of Chemical Physics</i> , 1998, 108, 7516-7526.	1.2	67
120	Surface-hopping modeling of photoinduced relaxation dynamics on coupled potential-energy surfaces. <i>Journal of Chemical Physics</i> , 1997, 107, 6230-6245.	1.2	239
121	Semiclassical Description of Nonadiabatic Quantum Dynamics. <i>Physical Review Letters</i> , 1997, 78, 578-581.	2.9	456
122	Femtosecond pump-probe spectroscopy of electron-transfer systems: a nonperturbative approach. <i>Chemical Physics</i> , 1997, 217, 275-287.	0.9	56
123	A semiclassical self-consistent $\hbar$ field approach to dissipative dynamics. II. Internal conversion processes. <i>Journal of Chemical Physics</i> , 1995, 103, 2888-2902.	1.2	60
124	Nonperturbative generalized master equation for the spin-boson problem. <i>Physical Review E</i> , 1995, 51, 3038-3044.	0.8	10
125	Classical description of nonadiabatic photoisomerization processes and their real-time detection via femtosecond spectroscopy. <i>Journal of Chemical Physics</i> , 1995, 103, 10015-10029.	1.2	30
126	A semiclassical self-consistent $\hbar$ field approach to dissipative dynamics: The spin $\leftrightarrow$ boson problem. <i>Journal of Chemical Physics</i> , 1995, 103, 1561-1573.	1.2	100



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127	Resonance Raman spectroscopy of the S <sub>1</sub> and S <sub>2</sub> states of pyrazine: Experiment and first principles calculation of spectra. <i>Journal of Chemical Physics</i> , 1995, 103, 6851-6860.	1.2	81
128	Nonperturbative approach to femtosecond spectroscopy: General theory and application to multidimensional nonadiabatic photoisomerization processes. <i>Journal of Chemical Physics</i> , 1995, 103, 3998-4011.	1.2	197
129	Photoinduced large amplitude motion as mechanism for pure electronic dephasing and its manifestation in continuous-wave and time-resolved spectroscopy. <i>Journal of Chemical Physics</i> , 1994, 101, 246-254.	1.2	9
130	Classical description of ultrafast internal conversion processes. The benzene cation. <i>Chemical Physics Letters</i> , 1994, 224, 131-138.	1.2	21
131	Model studies on femtosecond spectroscopy of multidimensional photoisomerization and internal-conversion dynamics. A nonperturbative approach. <i>Chemical Physics Letters</i> , 1994, 228, 665-671.	1.2	19
132	Classical formulation of the spectroscopy of nonadiabatic excited-state dynamics. <i>Journal of Chemical Physics</i> , 1993, 99, 1545-1555.	1.2	23
133	Detection of ultrafast molecular-excited-state dynamics with time- and frequency-resolved pump-probe spectroscopy. <i>Physical Review A</i> , 1992, 45, 3032-3040.	1.0	90
134	A classical model for time- and frequency-resolved spectroscopy of nonadiabatic excited-state dynamics. <i>Chemical Physics Letters</i> , 1992, 197, 396-404.	1.2	20
135	Model study on the real-time detection of ultrafast nonadiabatic dynamics associated with the Wulf-Chappuis bands of ozone. <i>Chemical Physics Letters</i> , 1992, 200, 163-172.	1.2	15