Yoshitaka Tanimura

List of Publications by Year
in descending order

147	7,796	53939 47	58552 86
papers	citations	h-index	g-index

152	152	152	2508
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Imaginary-time hierarchical equations of motion for thermodynamic variables. Journal of Chemical Physics, 2022, 156, 174112.	1.2	2
2	The laws of thermodynamics for quantum dissipative systems: A quasi-equilibrium Helmholtz energy approach. Journal of Chemical Physics, 2022, 157, .	1.2	4
3	Exciton transfer in organic photovoltaic cells: A role of local and nonlocal electronâ€“phonon interactions in a donor domain. Journal of Chemical Physics, 2021, 154, 034107.	1.2	14
4	Full molecular dynamics simulations of molecular liquids for single-beam spectrally controlled two-dimensional Raman spectroscopy. Journal of Chemical Physics, 2021, 154, 124115.	1.2	0
5	Open Quantum Dynamics Theory for Non-Equilibrium Work: Hierarchical Equations of Motion Approach. Journal of the Physical Society of Japan, 2021, 90, 033001.	0.7	7
6	Probing photoinduced proton coupled electron transfer process by means of two-dimensional resonant electronicâ€“vibrational spectroscopy. Journal of Chemical Physics, 2021, 154, 144104.	1.2	6
7	Modeling and Simulating the Excited-State Dynamics of a System with Condensed Phases: A Machine Learning Approach. Journal of Chemical Theory and Computation, 2021, 17, 3618-3628.	2.3	8
8	Open quantum dynamics theory on the basis of periodical system-bath model for discrete Wigner function. Journal of Computational Electronics, 2021, 20, 2091-2103.	1.3	3
9	Optical response of laser-driven charge-transfer complex described by Holsteinâ€“Hubbard model coupled to heat baths: Hierarchical equations of motion approach. Journal of Chemical Physics, 2021, 155, 064106.	1.2	7
10	Autobiography of Yoshitaka Tanimura. Journal of Physical Chemistry B, 2021, 125, 11787-11792.	1.2	0
11	Open quantum dynamics theory for a complex subenvironment system with a quantum thermostat: Application to a spin heat bath. Journal of Chemical Physics, 2021, 155, 244109.	1.2	2
12	Open Quantum Dynamics Theory of Spin Relaxation: Application to Î¼SR and Low-Field NMR Spectroscopies. Journal of the Physical Society of Japan, 2020, 89, 064710.	0.7	12
13	Numerically â€œexactâ€•approach to open quantum dynamics: The hierarchical equations of motion (HEOM). Journal of Chemical Physics, 2020, 153, 020901.	1.2	219
14	Numerically â€œexactâ€•simulations of entropy production in the fully quantum regime: Boltzmann entropy vs von Neumann entropy. Journal of Chemical Physics, 2020, 153, 234107.	1.2	10
15	Proton tunneling in a two-dimensional potential energy surface with a non-linear systemâ€“bath interaction: Thermal suppression of reaction rate. Journal of Chemical Physics, 2020, 152, 214114.	1.2	19
16	Modeling Intermolecular and Intramolecular Modes of Liquid Water Using Multiple Heat Baths: Machine Learning Approach. Journal of Chemical Theory and Computation, 2020, 16, 2099-2108.	2.3	13
17	Open quantum dynamics of a three-dimensional rotor calculated using a rotationally invariant system-bath Hamiltonian: Linear and two-dimensional rotational spectra. Journal of Chemical Physics, 2019, 151, 044105.	1.2	9
18	Low-Temperature Quantum Fokkerâ€“Planck and Smoluchowski Equations and Their Extension to Multistate Systems. Journal of Chemical Theory and Computation, 2019, 15, 2517-2534.	2.3	21

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19	Modeling and analyzing a photo-driven molecular motor system: Ratchet dynamics and non-linear optical spectra. Journal of Chemical Physics, 2019, 150, 114103.	1.2	15
20	Hierarchical Equations of Motion Approach to Quantum Thermodynamics. Fundamental Theories of Physics, 2018, , 579-595.	0.1	5
21	Linear absorption spectrum of a quantum two-dimensional rotator calculated using a rotationally invariant system-bath Hamiltonian. Journal of Chemical Physics, 2018, 149, 084110.	1.2	6
22	Phase-space wavepacket dynamics of internal conversion via conical intersection: Multi-state quantum Fokker-Planck equation approach. Chemical Physics, 2018, 515, 203-213.	0.9	20
23	Hierarchical SchrÃ¶dinger equations of motion for open quantum dynamics. Physical Review A, 2018, 98, .	1.0	32
24	Exploring complete positivity in hierarchy equations of motion. New Journal of Physics, 2017, 19, 013007.	1.2	8
25	Exciton-Coupled Electron Transfer Process Controlled by Non-Markovian Environments. Journal of Physical Chemistry Letters, 2017, 8, 5390-5394.	2.1	12
26	Probing photoisomerization processes by means of multi-dimensional electronic spectroscopy: The multi-state quantum hierarchical Fokker-Planck equation approach. Journal of Chemical Physics, 2017, 147, 014102.	1.2	25
27	Chapter 13 Simulating the Nonlinear Optical Response of Multichromophore Complexes. , 2017, , 467-488.		0
28	Simulating two-dimensional infrared-Raman and Raman spectroscopies for intermolecular and intramolecular modes of liquid water. Journal of Chemical Physics, 2016, 144, 074201.	1.2	38
29	Quantum heat current under non-perturbative and non-Markovian conditions: Applications to heat machines. Journal of Chemical Physics, 2016, 145, 224105.	1.2	84
30	Effects of Intermolecular Charge Transfer in Liquid Water on Raman Spectra. Journal of Physical Chemistry Letters, 2016, 7, 4147-4151.	2.1	22
31	Full molecular dynamics simulations of liquid water and carbon tetrachloride for two-dimensional Raman spectroscopy in the frequency domain. Chemical Physics, 2016, 481, 245-249.	0.9	10
32	Electron Pumping under Non-Markovian Dissipation: The Role of the Self-Consistent Field. Journal of the Physical Society of Japan, 2016, 85, 034803.	0.7	2
33	Fast, Accurate Simulation of Polaron Dynamics and Multidimensional Spectroscopy by Multiple Davydov Trial States. Journal of Physical Chemistry A, 2016, 120, 1562-1576.	1.1	60
34	Notes on simulating two-dimensional Raman and terahertz-Raman signals with a full molecular dynamics simulation approach. Structural Dynamics, 2015, 2, 054102.	0.9	23
35	Analysis of 2D THz-Raman spectroscopy using a non-Markovian Brownian oscillator model with nonlinear system-bath interactions. Journal of Chemical Physics, 2015, 142, 212421.	1.2	41
36	Real-time and imaginary-time quantum hierarchal Fokker-Planck equations. Journal of Chemical Physics, 2015, 142, 144110.	1.2	104

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37	Spins Dynamics in a Dissipative Environment: Hierarchal Equations of Motion Approach Using a Graphics Processing Unit (GPU). Journal of Chemical Theory and Computation, 2015, 11, 3859-3865.	2.3	37
38	Dynamics of a One-Dimensional Holstein Polaron with the Hierarchical Equations of Motion Approach. Journal of Physical Chemistry Letters, 2015, 6, 3110-3115.	2.1	66
39	Linear and third- and fifth-order nonlinear spectroscopies of a charge transfer system coupled to an underdamped vibration. Journal of Chemical Physics, 2015, 142, 212423.	1.2	23
40	Quantum heat transport of a two-qubit system: Interplay between system-bath coherence and qubit-qubit coherence. Journal of Chemical Physics, 2015, 143, 064107.	1.2	51
41	Reduced hierarchical equations of motion in real and imaginary time: Correlated initial states and thermodynamic quantities. Journal of Chemical Physics, 2014, 141, 044114.	1.2	144
42	Calculating two-dimensional THz-Raman-THz and Raman-THz-THz signals for various molecular liquids: The samplers. Journal of Chemical Physics, 2014, 141, 124503.	1.2	26
43	Self-excited current oscillations in a resonant tunneling diode described by a model based on the Caldeiraâ€“Leggett Hamiltonian. New Journal of Physics, 2014, 16, 015002.	1.2	22
44	Molecular dynamics simulation for infrared spectroscopy with intramolecular forces from electronic properties of onâ€theâ€fly quantum chemical calculations. International Journal of Quantum Chemistry, 2013, 113, 330-335.	1.0	5
45	Quantum Suppression of Ratchet Rectification in a Brownian System Driven by a Biharmonic Force. Journal of Physical Chemistry B, 2013, 117, 13132-13144.	1.2	31
46	Simulation of femtosecond â€œdouble-slitâ€•experiments for a chromophore in a dissipative environment. Journal of Chemical Physics, 2013, 139, 214302.	1.2	19
47	An Approach to Quantum Transport Based on Reduced Hierarchy Equations of Motion: Application to a Resonant Tunneling Diode. Journal of the Physical Society of Japan, 2013, 82, 033707.	0.7	19
48	The role of the environment time scale in light-harvesting efficiency and coherent oscillations. New Journal of Physics, 2012, 14, 073027.	1.2	31
49	Reduced hierarchy equations of motion approach with Drude plus Brownian spectral distribution: Probing electron transfer processes by means of two-dimensional correlation spectroscopy. Journal of Chemical Physics, 2012, 137, 22A550.	1.2	107
50	Dephasing by a continuous-time random walk process. Physical Review E, 2012, 86, 011130.	0.8	2
51	Note: Inverted time-ordering in two-dimensional-Raman-terahertz spectroscopy of water. Journal of Chemical Physics, 2012, 136, 236101.	1.2	24
52	System Bath Correlations and the Nonlinear Response of Qubits. Journal of the Physical Society of Japan, 2012, 81, 063301.	0.7	15
53	Non-Markovianity: initial correlations and nonlinear optical measurements. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2012, 370, 3658-3671.	1.6	17
54	Infrared Spectral Signatures of Multilayered Surface-Fluorinated Graphene: A Molecular Dynamics Study. Journal of Physical Chemistry C, 2012, 116, 8343-8347.	1.5	7

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55	Infrared Spectral Signatures of Surface-Fluorinated Graphene: A Molecular Dynamics Study. Journal of Physical Chemistry Letters, 2012, 3, 246-250.	2.1	13
56	A Polarizable Water Model for Intramolecular and Intermolecular Vibrational Spectroscopies. Journal of Physical Chemistry B, 2011, 115, 5545-5553.	1.2	101
57	Does â„•Play a Role in Multidimensional Spectroscopy? Reduced Hierarchy Equations of Motion Approach to Molecular Vibrations. Journal of Physical Chemistry A, 2011, 115, 4009-4022.	1.1	62
58	Discussions on Session 6A:Applications of quantum coherence. Procedia Chemistry, 2011, 3, 347-351.	0.7	0
59	Non-Gaussian stochastic dynamics of spins and oscillators: A continuous-time random walk approach. Physical Review E, 2011, 84, 061111.	0.8	6
60	Multistate electron transfer dynamics in the condensed phase: Exact calculations from the reduced hierarchy equations of motion approach. Journal of Chemical Physics, 2010, 132, 214502.	1.2	85
61	Correlated fluctuations in the exciton dynamics and spectroscopy of DNA. New Journal of Physics, 2010, 12, 055005.	1.2	29
62	Distinct Infrared Spectral Signatures of the 1,2- and 1,4-Fluorinated Single-Walled Carbon Nanotubes: A Molecular Dynamics Study. Journal of Physical Chemistry Letters, 2010, 1, 1307-1311.	2.1	12
63	Non-Markovian Entanglement Dynamics in the Presence of System-Bath Coherence. Physical Review Letters, 2010, 104, 250401.	2.9	170
64	Coherent Multidimensional Optical Spectroscopy. Accounts of Chemical Research, 2009, 42, 1207-1209.	7.6	81
65	Modeling, Calculating, and Analyzing Multidimensional Vibrational Spectroscopies. Accounts of Chemical Research, 2009, 42, 1270-1279.	7.6	82
66	Quantum Dissipative Dynamics of Electron Transfer Reaction System: Nonperturbative Hierarchy Equations Approach. Journal of the Physical Society of Japan, 2009, 78, 073802.	0.7	84
67	Detecting the Dzyaloshinskiiâ€“Moriya interaction by means of pulsed EPR spectroscopy. Chemical Physics Letters, 2008, 457, 237-240.	1.2	4
68	Nonperturbative non-Markovian quantum master equation: Validity and limitation to calculate nonlinear response functions. Chemical Physics, 2008, 347, 185-193.	0.9	105
69	Ultrafast exciton transfers in DNA and its nonlinear optical spectroscopy. Journal of Chemical Physics, 2008, 128, 135102.	1.2	16
70	Two-dimensional fifth-order Raman spectroscopy of liquid formamide: Experiment and Theory. Journal of Chemical Physics, 2008, 128, 234507.	1.2	48
71	Exploring a free energy landscape by means of multidimensional infrared and terahertz spectroscopies. Journal of Chemical Physics, 2008, 128, 164501.	1.2	4
72	Nonequilibrium molecular dynamics simulations with a backward-forward trajectories sampling for multidimensional infrared spectroscopy of molecular vibrational modes. Journal of Chemical Physics, 2008, 128, 064511.	1.2	46

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73	Two-dimensional infrared surface spectroscopy for CO on Cu(100): Detection of intermolecular coupling of adsorbates. Journal of Chemical Physics, 2007, 126, 204703.	1.2	20
74	Ultrafast exciton-exciton coherent transfer in molecular aggregates and its application to light-harvesting systems. Journal of Chemical Physics, 2007, 127, 075101.	1.2	24
75	Free energy landscapes of electron transfer system in dipolar environment below and above the rotational freezing temperature. Journal of Chemical Physics, 2007, 126, 054504.	1.2	3
76	Dynamics of a Multimode System Coupled to Multiple Heat Baths Probed by Two-Dimensional Infrared Spectroscopy. Journal of Physical Chemistry A, 2007, 111, 9269-9276.	1.1	80
77	Two-dimensional Raman spectra of atomic solids and liquids. Journal of Chemical Physics, 2006, 124, 024508.	1.2	27
78	Calculating fifth-order Raman signals for various molecular liquids by equilibrium and nonequilibrium hybrid molecular dynamics simulation algorithms. Journal of Chemical Physics, 2006, 125, 074512.	1.2	57
79	Modeling vibrational dephasing and energy relaxation of intramolecular anharmonic modes for multidimensional infrared spectroscopies. Journal of Chemical Physics, 2006, 125, 084501.	1.2	104
80	Analyzing atomic liquids and solids by means of two-dimensional Raman spectra in frequency domain. Journal of Chemical Physics, 2006, 124, 194504.	1.2	19
81	Free energy landscape analysis of two-dimensional dipolar solvent model at temperatures below and above the rotational freezing point. Journal of Chemical Physics, 2006, 124, 124508.	1.2	5
82	Stochastic Liouville, Langevin, Fokkerâ€“Planck, and Master Equation Approaches to Quantum Dissipative Systems. Journal of the Physical Society of Japan, 2006, 75, 082001.	0.7	720
83	Multidimensional vibrational spectroscopy for tunneling processes in a dissipative environment. Journal of Chemical Physics, 2005, 123, 014503.	1.2	35
84	Multidimensional infrared spectroscopy for molecular vibrational modes with dipolar interactions, anharmonicity, and nonlinearity of dipole moments and polarizability. Journal of Chemical Physics, 2005, 123, 224310.	1.2	11
85	Quantum Dynamics of System Strongly Coupled to Low-Temperature Colored Noise Bath: Reduced Hierarchy Equations Approach. Journal of the Physical Society of Japan, 2005, 74, 3131-3134.	0.7	403
86	Two-dimensional Raman and infrared vibrational spectroscopy for a harmonic oscillator system nonlinearly coupled with a colored noise bath. Journal of Chemical Physics, 2004, 120, 260-271.	1.2	66
87	Energy-Level Diagrams and Their Contribution to Fifth-Order Raman and Second-Order Infrared Responses:Â Distinction between Relaxation Models by Two-Dimensional Spectroscopyâ€. Journal of Physical Chemistry A, 2003, 107, 8092-8105.	1.1	21
88	Two-dimensional spectroscopy for a two-dimensional rotator coupled to a Gaussianâ€“Markovian noise bath. Journal of Chemical Physics, 2003, 119, 1650-1660.	1.2	13
89	Two-dimensional vibrational spectroscopy of a double minimum system in a dissipative environment. Journal of Chemical Physics, 2003, 119, 2155-2164.	1.2	24
90	The energy landscape for solvent dynamics in electron transfer reactions: A minimalist model. Journal of Chemical Physics, 2002, 117, 2172-2179.	1.2	13

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91	Vibrational spectroscopy of a harmonic oscillator system nonlinearly coupled to a heat bath. Journal of Chemical Physics, 2002, 117, 6221-6234.	1.2	56
92	On single-mode Â- and V-type micromasers: quantum interference versus photon statistics. Journal of Optics B: Quantum and Semiclassical Optics, 2002, 4, 402-410.	1.4	7
93	Two-Time Correlation Function of a Two-Dimensional Quantal Rotator in a Colored Noise. Journal of the Physical Society of Japan, 2002, 71, 2414-2426.	0.7	5
94	Application of the transcorrelated Hamiltonian to the linearized coupled cluster singles and doubles model. Chemical Physics Letters, 2002, 353, 317-323.	1.2	56
95	Probing a colored-noise induced peak of a strongly damped Brownian system by one- and two-dimensional spectroscopy. Chemical Physics Letters, 2002, 358, 51-56.	1.2	6
96	Nonequilibrium initial conditions of a Brownian oscillator system observed by two-dimensional spectroscopy. Journal of Chemical Physics, 2001, 115, 2267-2281.	1.2	8
97	Biorthogonal approach for explicitly correlated calculations using the transcorrelated Hamiltonian. Journal of Chemical Physics, 2001, 115, 7865-7871.	1.2	58
98	Quantum Theory of a Two-Dimensional Rotator in a Dissipative Environment: Application to Far-Infrared Spectroscopy. Journal of the Physical Society of Japan, 2001, 70, 1167-1170.	0.7	9
99	Two-dimensional spectroscopy and harmonically coupled anharmonic oscillators. Chemical Physics, 2001, 266, 237-250.	0.9	25
100	Multi-dimensional vibrational spectroscopy measured from different phase-matching conditions. Chemical Physics Letters, 2001, 341, 329-337.	1.2	46
101	Cage Dynamics in the Third-Order Off-Resonant Response of Liquid Molecules: A Theoretical Realization. Bulletin of the Chemical Society of Japan, 2000, 73, 873-884.	2.0	3
102	Two-Dimensional Spectroscopy for Harmonic Vibrational Modes with Nonlinear System-Bath Interactions. I. Gaussian-White Case. Journal of the Physical Society of Japan, 2000, 69, 3115-3132.	0.7	52
103	Two-Dimensional Spectroscopy for Harmonic Vibrational Modes with Nonlinear System-Bath Interactions. II. Gaussian-Markovian Case. Journal of the Physical Society of Japan, 2000, 69, 4095-4106.	0.7	66
104	2æ¬¡å…ƒã ©ãƒžãƒ³å^†å…‰ã«ã‚ˆã‚‹æ¶²æ¶²ç³»ã®è§£æž Electrochemistry, 2000, 68, 125-129.	0.6	0
105	Optimized perturbation approach with a Legendre transformation to a dissipative system:â€ƒCorrelation functions of a Morse oscillator. Physical Review E, 1999, 59, 1475-1488.	0.8	7
106	Structures and electronic phases of the bis(ethylenedithio)tetrathiafulvalene (BEDT-TTF) clusters and Î²-(BEDT-TTF) salts: A theoretical study based on ab initio molecular orbital methods. Journal of Chemical Physics, 1999, 111, 5986-5994.	1.2	31
107	Structural information from two-dimensional fifth-order Raman spectroscopy. Journal of Chemical Physics, 1999, 111, 492-503.	1.2	73
108	Polaron density matrix and effective mass at finite temperature. Physical Review B, 1999, 60, 7245-7251.	1.1	4

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109	Femtochemistry. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 8823-8824.	3.3	4
110	A thermal bath induced new resonance on the linear and nonlinear spectra of a two-level system. Chemical Physics, 1999, 242, 367-385.	0.9	3
111	Two-dimensional line-shape analysis of photon-echo signal. Chemical Physics Letters, 1999, 314, 488-495.	1.2	56
112	Ab initio MO studies of DCNQI molecules. Synthetic Metals, 1999, 103, 2099-2100.	2.1	1
113	Ab Initio MO Studies on Electronic States of DCNQI Molecules. Journal of Physical Chemistry B, 1999, 103, 266-270.	1.2	3
114	Absorption line shape of impurity molecule driven by a fractal noise. Chemical Physics Letters, 1998, 289, 97-104.	1.2	10
115	Pump-probe spectra and nuclear dynamics for a dissipative molecular system in a strong laser field: predissociation dynamics. Chemical Physics Letters, 1998, 292, 28-34.	1.2	19
116	Theoretical study on electron correlation of 1-D (DCNQI)2M (M=Li, Ag) salts. Chemical Physics Letters, 1998, 298, 15-20.	1.2	8
117	Two-dimensional THz spectroscopy of liquids: non-linear vibrational response to a series of THz laser pulses. Chemical Physics Letters, 1998, 295, 298-304.	1.2	36
118	Fifth-order two-dimensional vibrational spectroscopy of a Morse potential system in condensed phases. Chemical Physics, 1998, 233, 217-229.	0.9	55
119	Coherent two-dimensional Raman scattering: Frequency-domain measurement of the intra- and intermolecular vibrational interactions. Journal of Chemical Physics, 1998, 108, 1326-1334.	1.2	71
120	Spectral random walks and line broadening of impurity molecules in an Ising spin glass environment. Journal of Chemical Physics, 1998, 108, 1851-1858.	1.2	16
121	The (2n+1)th-order off-resonant spectroscopy from the (n+1)th-order anharmonicities of molecular vibrational modes in the condensed phase. Journal of Chemical Physics, 1997, 106, 1687-1698.	1.2	100
122	Gaussianâ€“Markovian quantum Fokkerâ€“Planck approach to nonlinear spectroscopy of a displaced Morse potentials system: Dissociation, predissociation, and optical Stark effects. Journal of Chemical Physics, 1997, 107, 1779-1793.	1.2	71
123	Two-time correlation functions of a harmonic system nonbilinearly coupled to a heat bath: Spontaneous Raman spectroscopy. Physical Review E, 1997, 56, 2747-2750.	0.8	45
124	First-, third-, and fifth-order resonant spectroscopy of an anharmonic displaced oscillators system in the condensed phase. Journal of Chemical Physics, 1997, 106, 2078-2095.	1.2	54
125	Femtosecond two-dimensional spectroscopy from anharmonic vibrational modes of molecules in the condensed phase. Journal of Chemical Physics, 1997, 107, 2267-2283.	1.2	140
126	Interplay of inhomogeneity and anharmonicity in 2D Raman spectroscopy of liquids. Chemical Physics Letters, 1997, 277, 159-166.	1.2	39

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127	Sensitivity of two-dimensional fifth-order Raman response to the mechanism of vibrational mode-mode coupling in liquid molecules. Chemical Physics Letters, 1997, 278, 175-183.	1.2	57
128	Ab initio molecular orbital calculations by the resonating Hartree-Fock approach: superposition of non-orthogonal Slater determinants. Chemical Physics Letters, 1996, 263, 687-690.	1.2	20
129	Unified time-path approach to the generating functional of the Brownian oscillator system: The bilinearly corrected Feynman rule for nonequilibrium processes. Physical Review E, 1996, 53, 214-227.	0.8	16
130	Unified timeâ€path approach to the effect of anharmonicity on the molecular vibrational spectroscopy in solution. Journal of Chemical Physics, 1996, 105, 7294-7309.	1.2	31
131	Femtosecond pumpâ€“probe spectroscopy of intermolecular vibrations in molecular dimers. Journal of Chemical Physics, 1995, 103, 1981-1984.	1.2	14
132	Multistate quantum Fokkerâ€“Planck approach to nonadiabatic wave packet dynamics in pumpâ€“probe spectroscopy. Journal of Chemical Physics, 1994, 101, 3049-3061.	1.2	93
133	Femtosecond Two-Dimensional Raman Spectroscopy of Liquid Water. The Journal of Physical Chemistry, 1994, 98, 12466-12470.	2.9	64
134	Quantum Brownian Oscillator Analysis of Pump-Probe Spectroscopy in the Condensed Phase. , 1994, , 327-343.		1
135	Optical Stark Spectroscopy of a Brownian Oscillator in Intense Fields. Journal of the Physical Society of Japan, 1994, 63, 66-77.	0.7	85
136	Temperature dependence and non-Condon effects in pumpâ€“probe spectroscopy in the condensed phase. Journal of the Optical Society of America B: Optical Physics, 1993, 10, 2263.	0.9	36
137	Description of nonlinear optical response using phase space wave packets. The Journal of Physical Chemistry, 1993, 97, 12596-12601.	2.9	14
138	Real-time path-integral approach to quantum coherence and dephasing in nonadiabatic transitions and nonlinear optical response. Physical Review E, 1993, 47, 118-136.	0.8	119
139	Twoâ€dimensional femtosecond vibrational spectroscopy of liquids. Journal of Chemical Physics, 1993, 99, 9496-9511.	1.2	559
140	The interplay of tunneling, resonance, and dissipation in quantum barrier crossing: A numerical study. Journal of Chemical Physics, 1992, 96, 8485-8496.	1.2	102
141	Quantum and classical Fokker-Planck equations for a Gaussian-Markovian noise bath. Physical Review A, 1991, 43, 4131-4142.	1.0	189
142	Nonperturbative expansion method for a quantum system coupled to a harmonic-oscillator bath. Physical Review A, 1990, 41, 6676-6687.	1.0	256
143	Time Evolution of a Quantum System in Contact with a Nearly Gaussian-Markoffian Noise Bath. Journal of the Physical Society of Japan, 1989, 58, 101-114.	0.7	706
144	Time-Dependent Spectrum of a Two-Level System Coupled to a Heat Bath Driven by Pulsed Laser. Journal of the Physical Society of Japan, 1989, 58, 3001-3012.	0.7	5

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145	Second Order Optical Process of a Three-Level System in Contact with a Nearly Gaussian-Markoffian Noise Bath. Journal of the Physical Society of Japan, 1989, 58, 1850-1859.	0.7	13
146	Two-Time Correlation Functions of a System Coupled to a Heat Bath with a Gaussian-Markoffian Interaction. Journal of the Physical Society of Japan, 1989, 58, 1199-1206.	0.7	58
147	Second Order Optical Process of A Randomly Modulated Multi-Level Atom. Journal of the Physical Society of Japan, 1986, 55, 4550-4565.	0.7	7