

Tahei Tahara

List of Publications by Year in descending order

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246
papers

10,334
citations

28274

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42399

92
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all docs

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docs citations

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times ranked

7201
citing authors

#	ARTICLE	IF	CITATIONS
1	A Unified View on Varied Ultrafast Dynamics of the Primary Process in Microbial Rhodopsins. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	12
2	DNA-Induced Reorganization of Water at Model Membrane Interfaces Investigated by Heterodyne-Detected Vibrational Sum Frequency Generation Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2022, 126, 840-846.	2.6	7
3	Scanning Two-Dimensional Fluorescence Lifetime Correlation Spectroscopy: Conformational Dynamics of DNA Holliday Junction from Microsecond to Subsecond. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 1249-1257.	4.6	5
4	Ultrafast dynamics of an azobenzene-containing molecular shuttle based on a rotaxane. <i>Chemical Communications</i> , 2022, 58, 961-964.	4.1	3
5	Superresolution concentration measurement realized by sub-shot-noise absorption spectroscopy. <i>Nature Communications</i> , 2022, 13, 953.	12.8	4
6	Why the Photochemical Reaction of Phenol Becomes Ultrafast at the Airâ€“Water Interface: The Effect of Surface Hydration. <i>Journal of the American Chemical Society</i> , 2022, 144, 6321-6325.	13.7	16
7	Ultrafast vibrational dynamics of the free OD at the air/water interface: Negligible isotopic dilution effect but large isotope substitution effect. <i>Journal of Chemical Physics</i> , 2022, 156, .	3.0	6
8	The photochemical reaction of phenol becomes ultrafast at the airâ€“water interface. <i>Nature Chemistry</i> , 2021, 13, 306-311.	13.6	86
9	Extraction of rapid kinetics from smFRET measurements using integrative detectors. <i>Cell Reports Physical Science</i> , 2021, 2, 100409.	5.6	17
10	Modeâ€“Specific Vibrational Analysis of Exciton Delocalization and Structural Dynamics in Conjugated Oligomers. <i>Angewandte Chemie</i> , 2021, 133, 17136-17145.	2.0	0
11	Modeâ€“Specific Vibrational Analysis of Exciton Delocalization and Structural Dynamics in Conjugated Oligomers. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 16999-17008.	13.8	3
12	Microsecond Folding of preQ₁ Riboswitch and Its Biological Significance Revealed by Two-Dimensional Fluorescence Lifetime Correlation Spectroscopy. <i>Journal of the American Chemical Society</i> , 2021, 143, 7968-7978.	13.7	11
13	Tracking Ultrafast Structural Dynamics by Time-Domain Raman Spectroscopy. <i>Journal of the American Chemical Society</i> , 2021, 143, 9699-9717.	13.7	31
14	Skeletal Structure of the Chromophore of Photoactive Yellow Protein in the Excited State Investigated by Ultraviolet Femtosecond Stimulated Raman Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2021, 125, 6154-6161.	2.6	5
15	Frontispiz: Modeâ€“Specific Vibrational Analysis of Exciton Delocalization and Structural Dynamics in Conjugated Oligomers. <i>Angewandte Chemie</i> , 2021, 133, .	2.0	0
16	Frontispiece: Modeâ€“Specific Vibrational Analysis of Exciton Delocalization and Structural Dynamics in Conjugated Oligomers. <i>Angewandte Chemie - International Edition</i> , 2021, 60, .	13.8	0
17	Excited-State Proton Transfer Dynamics in LSSmOrange Studied by Time-Resolved Impulsive Stimulated Raman Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 7466-7473.	4.6	6
18	Femtosecond Time-Resolved Absorption Study of Signaling State of a BLUF Protein PixD from the Cyanobacterium <i>Synechocystis</i> : Hydrogen-Bond Rearrangement Completes during Forward Proton-Coupled Electron Transfer. <i>Journal of Physical Chemistry B</i> , 2021, 125, 12154-12165.	2.6	10

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19	<i>In situ</i> observation of the potential-dependent structure of an electrolyte/electrode interface by heterodyne-detected vibrational sum frequency generation. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 2580-2589.	2.8	23
20	Coherent Vibration and Femtosecond Dynamics of the Platinum Complex Oligomers upon Intermolecular Bond Formation in the Excited State. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 23154-23161.	13.8	15
21	Resolving the Controversy over Dipole versus Quadrupole Mechanism of Bend Vibration of Water in Vibrational Sum Frequency Generation Spectra. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 9123-9130.	4.6	20
22	Microsecond Equilibrium Dynamics of Hairpin-Forming Oligonucleotides Quantified by Two-Color Two-Dimensional Fluorescence Lifetime Correlation Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2020, 124, 10673-10681.	2.6	6
23	Controlling the S ₁ Energy Profile by Tuning Excited-State Aromaticity. <i>Journal of the American Chemical Society</i> , 2020, 142, 14985-14992.	13.7	48
24	Time-Domain Observation of Surface-Enhanced Coherent Raman Scattering with 10 ⁵ –10 ⁶ Enhancement. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 6305-6311.	4.6	10
25	Comparative Studies of the Fluorescence Properties of Microbial Rhodopsins: Spontaneous Emission Versus Photointermediate Fluorescence. <i>Journal of Physical Chemistry B</i> , 2020, 124, 7361-7367.	2.6	13
26	Reorientation-induced relaxation of free OH at the air/water interface revealed by ultrafast heterodyne-detected nonlinear spectroscopy. <i>Nature Communications</i> , 2020, 11, 5344.	12.8	27
27	Direct Photon-by-Photon Analysis of Time-Resolved Pulsed Excitation Data using Bayesian Nonparametrics. <i>Cell Reports Physical Science</i> , 2020, 1, 100234.	5.6	15
28	Coherent Vibration and Femtosecond Dynamics of the Platinum Complex Oligomers upon Intermolecular Bond Formation in the Excited State. <i>Angewandte Chemie</i> , 2020, 132, 23354-23361.	2.0	7
29	Innenrücktitelbild: Coherent Vibration and Femtosecond Dynamics of the Platinum Complex Oligomers upon Intermolecular Bond Formation in the Excited State (<i>Angew. Chem.</i> 51/2020). <i>Angewandte Chemie</i> , 2020, 132, 23547-23547.	2.0	0
30	Hidden Isolated OH at the Charged Hydrophobic Interface Revealed by Two-Dimensional Heterodyne-Detected VSFG Spectroscopy. <i>Angewandte Chemie</i> , 2020, 132, 9585-9592.	2.0	1
31	Femtosecond Polarization Switching in the Crystal of a [CrCo] Dinuclear Complex. <i>Angewandte Chemie</i> , 2020, 132, 15999-16003.	2.0	5
32	Flapping Peryleneimide as a Fluorogenic Dye with High Photostability and Strong Visible-Light Absorption. <i>Angewandte Chemie</i> , 2020, 132, 16572-16577.	2.0	7
33	Comment on "Phase-sensitive sum frequency vibrational spectroscopic study of air/water interfaces: H ₂ O, D ₂ O, and diluted isotopic mixtures" [J. Chem. Phys. 150, 144701 (2019)]. <i>Journal of Chemical Physics</i> , 2020, 152, 237101.	3.0	21
34	Flapping Peryleneimide as a Fluorogenic Dye with High Photostability and Strong Visible-Light Absorption. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 16430-16435.	13.8	35
35	Hidden Isolated OH at the Charged Hydrophobic Interface Revealed by Two-Dimensional Heterodyne-Detected VSFG Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 9498-9505.	13.8	11
36	Structure of water and polymer at the buried polymer/water interface unveiled using heterodyne-detected vibrational sum frequency generation. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 16527-16531.	2.8	8

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37	Preferred orientations of organic cations at lead-halide perovskite interfaces revealed using vibrational sum-frequency spectroscopy. <i>Materials Horizons</i> , 2020, 7, 1348-1357.	12.2	15
38	Innen-Äcktitelbild: Hidden Isolated OH at the Charged Hydrophobic Interface Revealed by Two-Dimensional Heterodyne-Detected VSFG Spectroscopy (<i>Angew. Chem.</i> 24/2020). <i>Angewandte Chemie</i> , 2020, 132, 9867-9867.	2.0	0
39	Femtosecond Polarization Switching in the Crystal of a [CrCo] Dinuclear Complex. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 15865-15869.	13.8	9
40	Vibrational relaxation of water at the air/H ₂ O interface revealed by time-resolved heterodyne-detected vibrational sum-frequency generation in the OH stretch hot-band region. , 2020, , .		0
41	Probing Ultrafast Photochemical Reaction at Water Surface by Heterodyne-Detected Vibrational Sum Frequency Generation. , 2020, , .		0
42	Microsecond Conformational Dynamics of Biopolymers Revealed by Dynamic-Quenching Two-Dimensional Fluorescence Lifetime Correlation Spectroscopy with Single Dye Labeling. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 5536-5541.	4.6	11
43	Protein Dynamics Preceding Photoisomerization of the Retinal Chromophore in Bacteriorhodopsin Revealed by Deep-LIV Femtosecond Stimulated Raman Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 5422-5427.	4.6	34
44	Quadrupolar mechanism for vibrational sum frequency generation at air/liquid interfaces: Theory and experiment. <i>Journal of Chemical Physics</i> , 2019, 151, 064701.	3.0	11
45	In-situ Referencing Method for Heterodyne-detected Vibrational Sum Frequency Generation Measurements at Liquid/Metal Interfaces. <i>Chemistry Letters</i> , 2019, 48, 1387-1390.	1.3	7
46	Effect of Frequency-Dependent Fresnel Factor on the Vibrational Sum Frequency Generation Spectra for Liquid/Solid Interfaces. <i>Journal of Physical Chemistry C</i> , 2019, 123, 15665-15673.	3.1	25
47	Fifth-order time-domain Raman spectroscopy of photoactive yellow protein for visualizing vibrational coupling in its excited state. <i>Science Advances</i> , 2019, 5, eaau4490.	10.3	42
48	Effect of hydrogen-bond on ultrafast spectral diffusion dynamics of water at charged monolayer interfaces. <i>Journal of Chemical Physics</i> , 2019, 150, 054705.	3.0	16
49	Ultrafast Dynamics of Heliorhodopsins. <i>Journal of Physical Chemistry B</i> , 2019, 123, 2507-2512.	2.6	24
50	Multifocus Fluorescence Correlation Spectroscopy with Spatially Separated Excitation Beams. <i>Bulletin of the Chemical Society of Japan</i> , 2019, 92, 1495-1502.	3.2	2
51	Acid-base equilibrium of the chromophore counterion results in distinct photoisomerization reactivity in the primary event of proteorhodopsin. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 25728-25734.	2.8	9
52	Tracking Photoinduced Au-Au Bond Formation through Transient Terahertz Vibrations Observed by Femtosecond Time-Domain Raman Spectroscopy. <i>Journal of the American Chemical Society</i> , 2019, 141, 19296-19303.	13.7	30
53	Ultrafast Vibrational Dynamics at Aqueous Interfaces Studied by 2D Heterodyne-Detected Vibrational Sum Frequency Generation Spectroscopy. <i>Springer Series in Optical Sciences</i> , 2019, , 215-236.	0.7	7
54	Femtosecond Time-Resolved Raman Study of Photoresponsive Proteins. <i>Seibutsu Butsuri</i> , 2019, 59, 026-029.	0.1	0

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55	Vibrational Sum Frequency Generation Spectroscopy. , 2018, , 801-807.		0
56	Complex molecular systems: a frontier of molecular science. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 2945-2946.	2.8	0
57	Origins of biological function in DNA and RNA hairpin loop motifs from replica exchange molecular dynamics simulation. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 2990-3001.	2.8	11
58	Origin of the Reactive and Nonreactive Excited States in the Primary Reaction of Rhodopsins: pH Dependence of Femtosecond Absorption of Light-Driven Sodium Ion Pump Rhodopsin KR2. <i>Journal of Physical Chemistry B</i> , 2018, 122, 4784-4792.	2.6	28
59	Ultrafast photodissociation dynamics of diphenylcyclopropenone studied by time-resolved impulsive stimulated Raman spectroscopy. <i>Chemical Physics</i> , 2018, 512, 88-92.	1.9	11
60	Structure at the air/water interface in the presence of phenol: a study using heterodyne-detected vibrational sum frequency generation and molecular dynamics simulation. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 3002-3009.	2.8	34
61	Metal–Metal Bond Formations in [Au(CN) ₂] [−] (i) (i) =) Tj ETQq1 1 0.784314 rjB <i>Chemistry Letters</i> , 2018, 9, 7085-7089.	4.6	16
62	Spectroscopic Study of Proton-Transfer Mechanism of Inward Proton-Pump Rhodopsin, <i>Xenorhodopsin</i> . <i>Journal of Physical Chemistry B</i> , 2018, 122, 6453-6461.	2.6	30
63	Molecular mechanism of charge inversion revealed by polar orientation of interfacial water molecules: A heterodyne-detected vibrational sum frequency generation study. <i>Journal of Chemical Physics</i> , 2018, 149, 024703.	3.0	19
64	The Topmost Water Structure at a Charged Silica/Aqueous Interface Revealed by Heterodyne-Detected Vibrational Sum Frequency Generation Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 4109-4114.	4.6	76
65	Development of an Azoreductase-based Reporter System with Synthetic Fluorogenic Substrates. <i>ACS Chemical Biology</i> , 2017, 12, 558-563.	3.4	33
66	Broadband stimulated Raman spectroscopy in the deep ultraviolet region. <i>Chemical Physics Letters</i> , 2017, 683, 543-546.	2.6	11
67	Probing the early stages of photoreception in photoactive yellow protein with ultrafast time-domain Raman spectroscopy. <i>Nature Chemistry</i> , 2017, 9, 660-666.	13.6	90
68	Demonstration of a Light-Driven SO ₄ ^{2−} Transporter and Its Spectroscopic Characteristics. <i>Journal of the American Chemical Society</i> , 2017, 139, 4376-4389.	13.7	56
69	Highly Heterogeneous Nature of the Native and Unfolded States of the B Domain of Protein A Revealed by Two-Dimensional Fluorescence Lifetime Correlation Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2017, 121, 5463-5473.	2.6	20
70	Ultrafast Dynamics at Water Interfaces Studied by Vibrational Sum Frequency Generation Spectroscopy. <i>Chemical Reviews</i> , 2017, 117, 10665-10693.	47.7	153
71	Change of the isoelectric point of hemoglobin at the air/water interface probed by the orientational flip-flop of water molecules. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 10292-10300.	2.8	30
72	Local environment inside a novel aromatic micelle investigated by steady-state and femtosecond fluorescence spectroscopy of an encapsulated solvatochromic probe. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 757-765.	2.8	8

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73	Cooperative Hydrogen-Bond Dynamics at a Zwitterionic Lipid/Water Interface Revealed by 2D HD-VSFG Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 5160-5165.	4.6	40
74	Development of an Azo-Based Photosensitizer Activated under Mild Hypoxia for Photodynamic Therapy. <i>Journal of the American Chemical Society</i> , 2017, 139, 13713-13719.	13.7	206
75	Vibrational Wavepacket Motion in Ultrafast Cyanine Photoisomerization Revealed by Femtosecond Stimulated Raman Spectroscopy. , 2016, , .		2
76	Femtosecond Ultrafast Water Dynamics at Charged Lipid Interfaces Revealed by 2D Heterodyne-Detected Vibrational Sum Frequency Generation. , 2016, , .		0
77	Femtosecond Hydrogen Bond Dynamics of Bulk-like and Bound Water at Positively and Negatively Charged Lipid Interfaces Revealed by 2D HD-VSFG Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10621-10625.	13.8	70
78	Femtosecond time-resolved impulsive stimulated Raman spectroscopy using sub-7-fs pulses: Apparatus and applications. <i>Review of Scientific Instruments</i> , 2016, 87, 043107.	1.3	66
79	Femtosecond Hydrogen Bond Dynamics of Bulk-like and Bound Water at Positively and Negatively Charged Lipid Interfaces Revealed by 2D HD-VSFG Spectroscopy. <i>Angewandte Chemie</i> , 2016, 128, 10779-10783.	2.0	6
80	Water Structure at the Buried Silica/Aqueous Interface Studied by Heterodyne-Detected Vibrational Sum-Frequency Generation. <i>Journal of Physical Chemistry C</i> , 2016, 120, 9357-9363.	3.1	115
81	Efficient Spectral Diffusion at the Air/Water Interface Revealed by Femtosecond Time-Resolved Heterodyne-Detected Vibrational Sum Frequency Generation Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 1811-1815.	4.6	45
82	Water Orientation at Ceramide/Water Interfaces Studied by Heterodyne-Detected Vibrational Sum Frequency Generation Spectroscopy and Molecular Dynamics Simulation. <i>Journal of Physical Chemistry C</i> , 2016, 120, 23692-23697.	3.1	12
83	Ab Initio Molecular Dynamics Study of the Photoreaction of 1,1'-Dimethylstilbene upon $S_{0} \rightarrow S_{1}$ Excitation. <i>Journal of Physical Chemistry A</i> , 2016, 120, 8804-8812.	2.5	27
84	Partially Hydrated Electrons at the Air/Water Interface Observed by UV-Excited Time-Resolved Heterodyne-Detected Vibrational Sum Frequency Generation Spectroscopy. <i>Journal of the American Chemical Society</i> , 2016, 138, 7551-7557.	13.7	48
85	Bend Vibration of Surface Water Investigated by Heterodyne-Detected Sum Frequency Generation and Theoretical Study: Dominant Role of Quadrupole. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 2597-2601.	4.6	53
86	Role of Coherent Low-Frequency Motion in Excited-State Proton Transfer of Green Fluorescent Protein Studied by Time-Resolved Impulsive Stimulated Raman Spectroscopy. <i>Journal of the American Chemical Society</i> , 2016, 138, 3942-3945.	13.7	63
87	Coherent vibration and ultrafast dynamics upon bond formation in excited dimers of an Au(i) complex. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 5103-5107.	2.8	26
88	Accurate determination of complex $\chi^{(2)}$ spectrum of the air/water interface. <i>Journal of Chemical Physics</i> , 2015, 143, 124707.	3.0	149
89	Correction of the afterpulsing effect in fluorescence correlation spectroscopy using time symmetry analysis. <i>Optics Express</i> , 2015, 23, 32387.	3.4	16
90	Ultrafast Excited-State Dynamics of Copper(I) Complexes. <i>Accounts of Chemical Research</i> , 2015, 48, 782-791.	15.6	193

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91	Development of Electronic Sum Frequency Generation Spectroscopies and Their Application to Liquid Interfaces. <i>Journal of Physical Chemistry C</i> , 2015, 119, 14815-14828.	3.1	39
92	Preparation of Highly Fluorescent Host-Guest Complexes with Tunable Color upon Encapsulation. <i>Journal of the American Chemical Society</i> , 2015, 137, 9266-9269.	13.7	183
93	Microsecond protein dynamics observed at the single-molecule level. <i>Nature Communications</i> , 2015, 6, 7685.	12.8	72
94	Solvent dependence of two-photon absorption spectra of the enhanced green fluorescent protein (eGFP) chromophore. <i>Chemical Physics Letters</i> , 2015, 630, 32-36.	2.6	4
95	Ultrafast Photoreaction Dynamics of a Light-Driven Sodium-Ion-Pumping Retinal Protein from <i>Krokinobacter eikastus</i> Revealed by Femtosecond Time-Resolved Absorption Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 4481-4486.	4.6	51
96	Molecular dynamics study of two-dimensional sum frequency generation spectra at vapor/water interface. <i>Journal of Chemical Physics</i> , 2015, 142, 212407.	3.0	19
97	2D heterodyne-detected sum frequency generation study on the ultrafast vibrational dynamics of H ₂ O and HOD water at charged interfaces. <i>Journal of Chemical Physics</i> , 2015, 142, 212431.	3.0	78
98	Anomalous effective polarity of an air/liquid-mixture interface: a heterodyne-detected electronic and vibrational sum frequency generation study. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 23720-23723.	2.8	4
99	The substituent effect on the MLCT excited state dynamics of Cu complexes studied by femtosecond time-resolved absorption and observation of coherent nuclear wavepacket motion. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 2067-2077.	2.8	41
100	Time-Resolved Impulsive Raman Study of Excited State Structures of Green Fluorescent Protein. <i>Springer Proceedings in Physics</i> , 2015, , 539-542.	0.2	2
101	Ultrafast Time-Domain Raman Study to Visualize Large-Amplitude Distortions in Copper Complexes. <i>Springer Proceedings in Physics</i> , 2015, , 495-498.	0.2	0
102	Ultrafast Vibrational Spectroscopy at Liquid Interfaces by Heterodyne-Detected Sum-Frequency Generation. , 2014, , .		0
103	Signaling-State Formation Mechanism of a BLUF Protein PapB from the Purple Bacterium <i>Rhodospseudomonas palustris</i> Studied by Femtosecond Time-Resolved Absorption Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2014, 118, 14761-14773.	2.6	28
104	Lifetime-Weighted FCS and 2D FLCS: Advanced Application of Time-Tagged TCSPC. <i>Springer Series on Fluorescence</i> , 2014, , 111-128.	0.8	2
105	Mosaic of Water Orientation Structures at a Neutral Zwitterionic Lipid/Water Interface Revealed by Molecular Dynamics Simulations. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 4343-4348.	4.6	59
106	Interfacial water in the vicinity of a positively charged interface studied by steady-state and time-resolved heterodyne-detected vibrational sum frequency generation. <i>Journal of Chemical Physics</i> , 2014, 141, 18C527.	3.0	30
107	Evaluation of pH at Charged Lipid/Water Interfaces by Heterodyne-Detected Electronic Sum Frequency Generation. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 762-766.	4.6	52
108	Counterion Effect on Interfacial Water at Charged Interfaces and Its Relevance to the Hofmeister Series. <i>Journal of the American Chemical Society</i> , 2014, 136, 6155-6158.	13.7	159

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109	Substituent effect on the photoinduced structural change of Cu(I) complexes observed by femtosecond emission spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 4143.	2.8	67
110	The Early Steps in the Photocycle of a Photosensor Protein Sensory Rhodopsin I from <i>Salinibacter ruber</i> . <i>Journal of Physical Chemistry B</i> , 2014, 118, 1510-1518.	2.6	20
111	Title is missing!. <i>Electrochemistry</i> , 2014, 82, 766-770.	1.4	0
112	Ultrafast Vibrational Dynamics of Water Interfaces Revealed by Time-Resolved Heterodyne-Detected Vibrational Sum Frequency Generation Spectroscopy. <i>Hyomen Kagaku</i> , 2014, 35, 662-667.	0.0	0
113	Ultrafast Time-Domain Raman Study to Visualize Large-Amplitude Distortions in Copper Complexes. , 2014, , .		0
114	Ultrafast vibrational dynamics of water at a zwitterionic lipid/water interface revealed by two-dimensional heterodyne-detected vibrational sum frequency generation (2D HD-VSFG). , 2014, , .		0
115	Time-Resolved Impulsive Raman Study of Excited State Structures of Green Fluorescent Protein. , 2014, , .		0
116	Agreement between Experimentally and Theoretically Estimated Orientational Distributions of Solutes at the Air/Water Interface. <i>Journal of Physical Chemistry C</i> , 2013, 117, 8887-8891.	3.1	13
117	A fluorescence study on the local environment of hydrogels: Double-network hydrogels having extraordinarily high mechanical strength and its constituent single-network hydrogels. <i>Chemical Physics</i> , 2013, 419, 172-177.	1.9	8
118	Real-Time Observation of Tight Au-Au Bond Formation and Relevant Coherent Motion upon Photoexcitation of [Au(CN) ₂] ⁻ Oligomers. <i>Journal of the American Chemical Society</i> , 2013, 135, 538-541.	13.7	52
119	Primary structural response in tryptophan residues of Anabaena sensory rhodopsin to photochromic reactions of the retinal chromophore. <i>Chemical Physics</i> , 2013, 419, 65-73.	1.9	6
120	Structure and Dynamics of Interfacial Water Studied by Heterodyne-Detected Vibrational Sum-Frequency Generation. <i>Annual Review of Physical Chemistry</i> , 2013, 64, 579-603.	10.8	264
121	Two-Dimensional Fluorescence Lifetime Correlation Spectroscopy. 2. Application. <i>Journal of Physical Chemistry B</i> , 2013, 117, 11423-11432.	2.6	64
122	Two-Dimensional Fluorescence Lifetime Correlation Spectroscopy. 1. Principle. <i>Journal of Physical Chemistry B</i> , 2013, 117, 11414-11422.	2.6	76
123	Vibrational Sum Frequency Generation by the Quadrupolar Mechanism at the Nonpolar Benzene/Air Interface. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 1654-1658.	4.6	47
124	Computational analysis of the quadrupole contribution in the second-harmonic generation spectroscopy for the water/vapor interface. <i>Journal of Chemical Physics</i> , 2013, 138, 064704.	3.0	17
125	Communication: Ultrafast vibrational dynamics of hydrogen bond network terminated at the air/water interface: A two-dimensional heterodyne-detected vibrational sum frequency generation study. <i>Journal of Chemical Physics</i> , 2013, 139, 161101.	3.0	68
126	Note: Simple calibration of the counting-rate dependence of the timing shift of single photon avalanche diodes by photon interval analysis. <i>Review of Scientific Instruments</i> , 2013, 84, 036105.	1.3	10

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127	Ultrafast vibrational dynamics of water at a charged interface revealed by two-dimensional heterodyne-detected vibrational sum frequency generation. <i>Journal of Chemical Physics</i> , 2012, 137, 094706.	3.0	110
128	Ultrafast Vibrational Dynamics of a Charged Aqueous Interface by Femtosecond Time-Resolved Heterodyne-Detected Vibrational Sum Frequency Generation. <i>Bulletin of the Chemical Society of Japan</i> , 2012, 85, 758-760.	3.2	54
129	Communication: Quantitative estimate of the water surface pH using heterodyne-detected electronic sum frequency generation. <i>Journal of Chemical Physics</i> , 2012, 137, 151101.	3.0	61
130	Femtosecond fluorescence study of the reaction pathways and nature of the reactive S1 state of cis-stilbene. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 6225.	2.8	31
131	Ultrafast Structural Evolution of Photoactive Yellow Protein Chromophore Revealed by Ultraviolet Resonance Femtosecond Stimulated Raman Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 2025-2029.	4.6	84
132	Three Distinct Water Structures at a Zwitterionic Lipid/Water Interface Revealed by Heterodyne-Detected Vibrational Sum Frequency Generation. <i>Journal of the American Chemical Society</i> , 2012, 134, 7842-7850.	13.7	250
133	Extracting decay curves of the correlated fluorescence photons measured in fluorescence correlation spectroscopy. <i>Chemical Physics Letters</i> , 2012, 519-520, 130-133.	2.6	22
134	Coherent Nuclear Dynamics in Ultrafast Photoinduced Structural Change of Bis(diimine)copper(I) Complex. <i>Journal of the American Chemical Society</i> , 2011, 133, 7728-7736.	13.7	194
135	Exploration of the Correlation between Solvation Dynamics and Internal Dynamics of a Protein. <i>Biochemistry</i> , 2011, 50, 397-408.	2.5	49
136	Molecules at the Air/Water Interface Experience a More Inhomogeneous Solvation Environment than in Bulk Solvents: A Quantitative Band Shape Analysis of Interfacial Electronic Spectra Obtained by HD-ESFG. <i>Journal of Physical Chemistry C</i> , 2011, 115, 3083-3089.	3.1	27
137	Tracking of the Nuclear Wavepacket Motion in Cyanine Photoisomerization by Ultrafast Pump-Dump-Probe Spectroscopy. <i>Journal of the American Chemical Society</i> , 2011, 133, 8205-8210.	13.7	31
138	Acid-Base Equilibrium at an Aqueous Interface: pH Spectrometry by Heterodyne-Detected Electronic Sum Frequency Generation. <i>Journal of Physical Chemistry C</i> , 2011, 115, 4168-4173.	3.1	69
139	Up- versus down-alignment and hydration structures of solutes at the air/water interface revealed by heterodyne-detected electronic sum frequency generation with classical molecular dynamics simulation. <i>Journal of Chemical Physics</i> , 2011, 135, 194705.	3.0	15
140	Unified Molecular View of the Air/Water Interface Based on Experimental and Theoretical IR Spectra of an Isotopically Diluted Water Surface. <i>Journal of the American Chemical Society</i> , 2011, 133, 16875-16880.	13.7	245
141	Electric quadrupole contribution to the nonresonant background of sum frequency generation at air/liquid interfaces. <i>Journal of Chemical Physics</i> , 2011, 134, 184705.	3.0	66
142	Vibrational Spectroscopy Using Short Optical Pulses: Coherence, Transients and Interfaces. , 2010, , .		0
143	Structure and Orientation of Water at Charged Lipid Monolayer/Water Interfaces Probed by Heterodyne-Detected Vibrational Sum Frequency Generation Spectroscopy. <i>Journal of the American Chemical Society</i> , 2010, 132, 10656-10657.	13.7	212
144	Physisorption Gives Narrower Orientational Distribution than Chemisorption on a Glass Surface: A Polarization-Sensitive Linear and Nonlinear Optical Study. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 2662-2665.	4.6	24

#	ARTICLE	IF	CITATIONS
145	Resolving Inhomogeneity Using Lifetime-Weighted Fluorescence Correlation Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2010, 114, 12383-12391.	2.6	30
146	Water Hydrogen Bond Structure near Highly Charged Interfaces Is Not Like Ice. <i>Journal of the American Chemical Society</i> , 2010, 132, 6867-6869.	13.7	152
147	“Half-hydration” at the air/water interface revealed by heterodyne-detected electronic sum frequency generation spectroscopy, polarization second harmonic generation, and molecular dynamics simulation. <i>Journal of Chemical Physics</i> , 2010, 132, 144701.	3.0	23
148	Infrared-induced coherent vibration of a hydrogen-bonded system: Effects of mechanical and electrical anharmonic couplings. <i>Journal of Chemical Physics</i> , 2009, 131, 044512.	3.0	19
149	Different Molecules Experience Different Polarities at the Air/Water Interface. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 6439-6442.	13.8	33
150	Picosecond time-resolved fluorescence study of poly vinyl methyl ether aqueous solution. <i>Chemical Physics Letters</i> , 2009, 468, 171-175.	2.6	5
151	Energy Transfer in a Mechanically Trapped Exciplex. <i>Journal of the American Chemical Society</i> , 2009, 131, 9478-9479.	13.7	60
152	Properties of the Anion-Binding Site of <i>pharaonis</i> Halorhodopsin Studied by Ultrafast Pump-Probe Spectroscopy and Low-Temperature FTIR Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2009, 113, 8429-8434.	2.6	6
153	ON/OFF Red Emission from Azaporphine in a Coordination Cage in Water. <i>Journal of the American Chemical Society</i> , 2009, 131, 12526-12527.	13.7	94
154	Direct observation of time-dependent photoluminescence spectral shift in CdS nanoparticles synthesized in polymer solutions. <i>Journal of Chemical Physics</i> , 2009, 130, 034902.	3.0	7
155	Novel Interface-Selective Even-Order Nonlinear Spectroscopy. <i>Review of Polarography</i> , 2009, 55, 83-96.	0.1	1
156	Direct evidence for orientational flip-flop of water molecules at charged interfaces: A heterodyne-detected vibrational sum frequency generation study. <i>Journal of Chemical Physics</i> , 2009, 130, 204704.	3.0	432
157	Excited-State Nuclear Wavepacket Motion of an Ultrafast Inorganic Molecular Switch. <i>Springer Series in Chemical Physics</i> , 2009, , 382-384.	0.2	3
158	Real-Time Monitoring of Structural Evolution in Cis-Stilbene Photoisomerization Time-Domain Raman Spectroscopy. <i>Springer Series in Chemical Physics</i> , 2009, , 307-309.	0.2	1
159	Mid-IR-Induced Nuclear Wavepacket Motion of a Hydrogen Bonding System: Effects of Mechanical and Electrical Anharmonic Couplings. <i>Springer Series in Chemical Physics</i> , 2009, , 487-489.	0.2	0
160	New Interface-Selective Electronic Spectroscopy and Its Extension to Femtosecond Time-Resolved Measurements. , 2009, , .		0
161	Coherent acoustic phonons in a thin gold film probed by femtosecond surface plasmon resonance. <i>Journal of Raman Spectroscopy</i> , 2008, 39, 1703-1706.	2.5	12
162	Revised steady-state fluorescence spectrum and nature of the reactive S1 state of cis-stilbene in solution. <i>Chemical Physics Letters</i> , 2008, 465, 212-215.	2.6	18

#	ARTICLE	IF	CITATIONS
163	Ultrafast Pump-Probe Study of the Primary Photoreaction Process in <i>pharaonis</i> Halorhodopsin: Halide Ion Dependence and Isomerization Dynamics. <i>Journal of Physical Chemistry B</i> , 2008, 112, 12795-12800.	2.6	41
164	Pronounced Non-Condon Effect as the Origin of the Quantum Beat Observed in the Time-Resolved Absorption Signal from Excited-State <i>cis</i> -Stilbene. <i>Journal of Physical Chemistry A</i> , 2008, 112, 2219-2227.	2.5	37
165	New Insight into the Surface Denaturation of Proteins: Electronic Sum Frequency Generation Study of Cytochrome c at Water Interfaces. <i>Journal of Physical Chemistry B</i> , 2008, 112, 13473-13475.	2.6	28
166	Hidden Electronic Excited State of Enhanced Green Fluorescent Protein. <i>Journal of Physical Chemistry B</i> , 2008, 112, 2761-2763.	2.6	47
167	Spectroscopic Tracking of Structural Evolution in Ultrafast Stilbene Photoisomerization. <i>Science</i> , 2008, 322, 1073-1077.	12.6	206
168	Femtosecond time-resolved electronic sum-frequency generation spectroscopy: A new method to investigate ultrafast dynamics at liquid interfaces. <i>Journal of Chemical Physics</i> , 2008, 128, 114715.	3.0	47
169	Heterodyne-detected electronic sum frequency generation: \uparrow - versus \downarrow -alignment of interfacial molecules. <i>Journal of Chemical Physics</i> , 2008, 129, 101102.	3.0	167
170	In-cell Viscosity Measurement Using a Fluorescence Up-conversion Microscope. <i>Chemistry Letters</i> , 2008, 37, 1240-1241.	1.3	8
171	Solvation Structure of Polyacrylamide Fine Particle Surfaces Studied by Picosecond Time-resolved Fluorescence Spectroscopy. <i>Chemistry Letters</i> , 2008, 37, 980-981.	1.3	2
172	The answer to concerted versus step-wise controversy for the double proton transfer mechanism of 7-azaindole dimer in solution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 5285-5290.	7.1	141
173	The Hollow on the Excited-State Potential for Photo-induced Jahn-Teller Distortion of Copper Complexes Revealed by Ultrafast Spectroscopy. , 2007, , .		0
174	New Nonlinear Electronic and Vibrational Spectroscopy to Study Liquid Interfaces. , 2007, , .		0
175	New Interface-Selective Even-Order Nonlinear Spectroscopy. , 2007, , .		0
176	Excited-State Structure and Dynamics of 1,3,5-Tris(phenylethynyl)benzene as Studied by Raman and Time-Resolved Fluorescence Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2007, 111, 2907-2912.	2.5	2
177	Femtosecond/Picosecond Time-Resolved Fluorescence Study of Hydrophilic Polymer Fine Particles. <i>Journal of Physical Chemistry B</i> , 2007, 111, 2759-2764.	2.6	8
178	Real-Time Observation of the Photoinduced Structural Change of Bis(2,9-dimethyl-1,10-phenanthroline)copper(I) by Femtosecond Fluorescence Spectroscopy: A Realistic Potential Curve of the Jahn-Teller Distortion. <i>Journal of the American Chemical Society</i> , 2007, 129, 5248-5256.	13.7	234
179	$\langle i \rangle^{\dagger} \langle i \rangle^{\langle 4 \rangle}$ Raman Spectroscopy for Buried Water Interfaces. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 7609-7612.	13.8	23
180	Observation of Raman-Induced Nuclear Wavepacket Motion in S ₁ <i>cis</i> -Stilbene: Adiabatic Change of a Potential Curvature and Anharmonicity of Multidimensional Potential. <i>Springer Series in Chemical Physics</i> , 2007, , 234-236.	0.2	0

#	ARTICLE	IF	CITATIONS
181	Observation of Nuclear Wavepacket Motion of Reacting Excited States in Solution. Journal of the Chinese Chemical Society, 2006, 53, 181-189.	1.4	10
182	Concatenation of Cyan and Yellow Fluorescent Proteins for Efficient Resonance Energy Transfer. Biochemistry, 2006, 45, 6267-6271.	2.5	55
183	Formation and Dissociation of Rhodamine 800 Dimers in Water: A Steady-State and Ultrafast Spectroscopic Study. Journal of Physical Chemistry A, 2006, 110, 2601-2606.	2.5	31
184	Competition between Energy and Proton Transfer in Ultrafast Excited-State Dynamics of an Oligomeric Fluorescent Protein Red Kaede. Journal of Physical Chemistry B, 2006, 110, 22853-22860.	2.6	38
185	A 35-fs time-resolved absorption study of all-trans retinal in a nonpolar solvent: Ultrafast photophysics revisited. Chemical Physics Letters, 2006, 418, 307-310.	2.6	9
186	Determining electronic spectra at interfaces by electronic sum frequency generation: One- and two-photon double resonant oxazine 750 at the air/water interface. Journal of Chemical Physics, 2006, 125, 194711.	3.0	35
187	Multiplex Electronic Sum Frequency Generation Spectroscopy of Dye Molecules at the Air/Water Interface. , 2006, , 245-248.		0
188	Coherent Nuclear Motion in Ultrafast Reactions in Solution. , 2006, , .		0
189	Host to Guest Energy Transfer in a Self-assembled Supramolecular Nanocage Observed by Picosecond Fluorescence Quenching. Chemistry Letters, 2005, 34, 618-619.	1.3	9
190	Temporal fluorescence rejection in Raman spectroscopy using femtosecond up-conversion with single- and multi-channel detection. Journal of Molecular Structure, 2005, 735-736, 189-195.	3.6	4
191	Interface-Specific $\ddagger(4)$ Coherent Raman Spectroscopy in the Frequency Domain. Journal of Physical Chemistry B, 2005, 109, 24211-24214.	2.6	33
192	Relaxation Dynamics of the Hydrated Electron: A Femtosecond Time-Resolved Resonance Raman and Luminescence Study. Journal of Physical Chemistry A, 2005, 109, 5257-5265.	2.5	24
193	Coherent Nuclear Wavepacket Motions in Ultrafast Excited-State Intramolecular Proton Transfer: A Sub-30-fs Resolved Pump-Probe Absorption Spectroscopy of 10-Hydroxybenzo[h]quinoline in Solution. Journal of Physical Chemistry A, 2005, 109, 10199-10207.	2.5	151
194	Femtosecond Fluorescence Dynamics Imaging Using a Fluorescence Up-Conversion Microscope. Journal of Physical Chemistry B, 2005, 109, 15327-15331.	2.6	28
195	Picosecond time-resolved imaging by non-scanning fluorescence Kerr gate microscope. Applied Physics Letters, 2005, 87, 131105.	3.3	19
196	Coherent Nuclear Motion in Reacting Molecules: Ultrafast Pump-Probe Spectroscopy of Proton Transfer in Solution. Springer Series in Chemical Physics, 2005, , 488-490.	0.2	0
197	Femtosecond dynamics of the solvated electron in water studied by time-resolved Raman spectroscopy. , 2004, , 225-228.		1
198	Femtosecond absorption study of photodissociation of diphenylcyclopropenone in solution: Reaction dynamics and coherent nuclear motion. Journal of Chemical Physics, 2004, 120, 4768-4776.	3.0	53

#	ARTICLE	IF	CITATIONS
199	Observation of an optically forbidden state of C60 by nondegenerate two-photon absorption spectroscopy. <i>Chemical Physics Letters</i> , 2004, 390, 136-139.	2.6	8
200	A 40-fs time-resolved absorption study on cis-stilbene in solution: observation of wavepacket motion on the reactive excited state. <i>Chemical Physics Letters</i> , 2004, 398, 400-406.	2.6	61
201	Time-Resolved Impulsive Stimulated Raman Studies of 1,1'-Binaphthyl in the Excited State: Low-Frequency Vibrations and Conformational Relaxation. <i>Journal of Physical Chemistry A</i> , 2004, 108, 5938-5943.	2.5	30
202	Excited-State Dynamics in the Green Fluorescent Protein Chromophore. <i>Journal of Physical Chemistry B</i> , 2004, 108, 1102-1108.	2.6	169
203	Precise Electronic $\ddot{\nu}(2)$ Spectra of Molecules Adsorbed at an Interface Measured by Multiplex Sum Frequency Generation. <i>Journal of Physical Chemistry B</i> , 2004, 108, 19079-19082.	2.6	63
204	Time-resolved wavelength two-dimensional femtosecond fluorescence imaging. <i>Optics Letters</i> , 2004, 29, 313.	3.3	6
205	ULTRAFAST PHOTOCHEMICAL DYNAMICS IN SOLUTION STUDIED BY FEMTOSECOND TIME-RESOLVED FLUORESCENCE SPECTROSCOPY: INVOLVEMENT OF HIGHLY EXCITED STATES. <i>Advances in Multi-photon Processes and Spectroscopy</i> , 2004, , 1-71.	0.6	4
206	Coherent nuclear motion of reacting excited-state molecules in solution observed by ultrafast two color pump-probe spectroscopy. , 2004, , 295-298.		2
207	Femtosecond fluorescence up-conversion microscopy: a new method to study ultrafast dynamics in microstructures. , 2004, , 537-540.		0
208	Two-photon absorption spectrum of all-trans retinal. <i>Chemical Physics Letters</i> , 2003, 376, 237-243.	2.6	35
209	Picosecond Time-Resolved Resonance Raman Study of the Solvated Electron in Water. <i>Journal of Physical Chemistry A</i> , 2003, 107, 2411-2421.	2.5	31
210	Femtosecond Fluorescence Up-Conversion Microscopy: Exciton Dynamics in β -Perylene Microcrystal. <i>Journal of Physical Chemistry B</i> , 2003, 107, 5120-5122.	2.6	27
211	Time-Resolved Impulsive Stimulated Raman Scattering from Excited-State Polyatomic Molecules in Solution. <i>Journal of Physical Chemistry A</i> , 2003, 107, 494-500.	2.5	79
212	Femtosecond/Picosecond Time-Resolved Spectroscopy of trans-Azobenzene: Isomerization Mechanism Following S ₂ (I^{c}) \rightarrow S ₀ Photoexcitation. <i>Bulletin of the Chemical Society of Japan</i> , 2002, 75, 1031-1040.	3.2	89
213	Observation of Resonance Hyper-Raman Scattering of all-trans-Retinal. <i>Journal of Physical Chemistry A</i> , 2002, 106, 3599-3604.	2.5	33
214	Ultrafast fluorescence of the chromophore of the green fluorescent protein in alcohol solutions. <i>Chemical Physics Letters</i> , 2002, 358, 495-501.	2.6	56
215	Femtosecond study of solvation dynamics of DCM in micelles. <i>Chemical Physics Letters</i> , 2002, 359, 77-82.	2.6	59
216	Femtosecond Time-Resolved Fluorescence Study of Photoisomerization of trans-Azobenzene. <i>Journal of Physical Chemistry A</i> , 2001, 105, 8123-8129.	2.5	272

#	ARTICLE	IF	CITATIONS
217	Novel Resonance Raman Enhancement of Local Structure around Solvated Electrons in Water. <i>Journal of Physical Chemistry A</i> , 2001, 105, 8823-8826.	2.5	40
218	Excitation-wavelength dependence of the femtosecond fluorescence dynamics of 7-azaindole dimer: further evidence for the concerted double proton transfer in solution. <i>Chemical Physics Letters</i> , 2001, 347, 108-114.	2.6	85
219	Photochemical bimolecular reaction between biphenyl and carbon tetrachloride: observed ultrafast kinetics and diffusion-controlled reaction model. <i>Chemical Physics Letters</i> , 2001, 347, 331-336.	2.6	9
220	Ultrafast excited-state proton transfer dynamics of 1,8-dihydroxyanthraquinone (chrysazin) studied by femtosecond time-resolved fluorescence spectroscopy. <i>Chemical Physics Letters</i> , 2000, 330, 83-90.	2.6	57
221	Vibrational coherence of S1trans-stilbene in solution observed by 40-fs-resolved absorption spectroscopy: comparison of the low-frequency vibration appearing in the frequency-domain and time-domain spectroscopies. <i>Chemical Physics Letters</i> , 2000, 326, 430-438.	2.6	57
222	Picosecond Time-Resolved Resonance Raman Study of the Photoisomerization of Retinal. <i>Journal of Physical Chemistry B</i> , 2000, 104, 9288-9300.	2.6	20
223	Picosecond Time-Resolved Raman Study of trans-Azobenzene. <i>Journal of Physical Chemistry A</i> , 2000, 104, 4203-4210.	2.5	200
224	Femtosecond Material Response Probed by Phase-Stabilized Optical Heterodyne Detected Impulsive Stimulated Raman Scattering. <i>Laser Chemistry</i> , 1999, 19, 149-152.	0.5	0
225	Ultrafast decay dynamics of photoexcited Cu(II)(TMpy-P4) in water solvent. <i>Chemical Physics Letters</i> , 1999, 309, 369-376.	2.6	17
226	Vibronic Relaxation of Polyatomic Molecule in Nonpolar Solvent: Femtosecond Anisotropy/Intensity Measurements of the S1Fluorescence of Tetracene. <i>Journal of Physical Chemistry A</i> , 1999, 103, 4808-4814.	2.5	52
227	Femtosecond Ultraviolet-Visible Fluorescence Study of the Excited-State Proton-Transfer Reaction of 7-Azaindole Dimer. <i>Journal of Physical Chemistry A</i> , 1998, 102, 7740-7753.	2.5	186
228	Ultrafast Fluorescence Study on the Excited Singlet-State Dynamics of all-trans-Retinal. <i>Journal of Physical Chemistry A</i> , 1997, 101, 3052-3060.	2.5	72
229	Phase-stabilized optical heterodyne detection of impulsive stimulated Raman scattering. <i>Chemical Physics Letters</i> , 1997, 264, 636-642.	2.6	66
230	Observation of dimer excited-state dynamics in the double proton transfer reaction of 7-azaindole by femtosecond fluorescence up-conversion. <i>Chemical Physics Letters</i> , 1997, 277, 340-346.	2.6	84
231	Investigation of Single-Vibronic-Level Fluorescence Lifetimes of Jet-Cooled S1trans-Stilbene above the Isomerization Barrier. <i>Bulletin of the Chemical Society of Japan</i> , 1996, 69, 925-931.	3.2	4
232	Picosecond time-resolved fluorescence study of all-trans retinal. The existence of two fluorescent singlet excited states. <i>Chemical Physics Letters</i> , 1995, 234, 275-280.	2.6	31
233	Picosecond time-resolved multiplex coherent anti-Stokes Raman scattering spectroscopy by using a streak camera: Isomerization dynamics of all-trans and 9-cis retinal in the lowest excited triplet state. <i>Journal of Chemical Physics</i> , 1994, 100, 786-796.	3.0	40
234	Construction of a time-frequency two-dimensional multiplex coherent anti-Stokes Raman scattering spectrometer having 15 ps time resolution. <i>Review of Scientific Instruments</i> , 1994, 65, 3332-3338.	1.3	13

#	ARTICLE	IF	CITATIONS
235	Transient Raman spectra and structure of the π -twisted π -excited singlet state of tetraphenylethylene. Chemical Physics Letters, 1994, 217, 369-374.	2.6	25
236	Competitive electron capture in mixed clusters, X (HCN) _m (X=C ₂ H ₅ OH, CO ₂ , O ₂ , and SF ₆). Chemical Physics Letters, 1994, 218, 1-6.	2.6	3
237	Dissociation dynamics of Ar+n (n=3-16) in collision with He and Ne. Journal of Chemical Physics, 1994, 101, 6625-6631.	3.0	21
238	Picosecond Raman Spectroscopy Using a Streak Camera. Applied Spectroscopy, 1993, 47, 391-398.	2.2	61
239	Transient Raman studies on the structure of the chloranil-alkylbenzene triplet charge-transfer complexes. The Journal of Physical Chemistry, 1992, 96, 8252-8259.	2.9	27
240	Transient Resonance Raman Spectra of Michler's Ketone in the Lowest Excited Triplet State.. Chemistry Letters, 1992, , 17-20.	1.3	6
241	Transient resonance Raman study on the lowest excited triplet states of 4-phenylbenzophenone and its related compounds. The Journal of Physical Chemistry, 1990, 94, 170-178.	2.9	37
242	UV-excited transient raman spectra and the co stretching frequencies of the lowest excited triplet state of benzophenone. Chemical Physics Letters, 1988, 152, 135-139.	2.6	27
243	Suppression of Luminescence Background in Raman Spectra by Pulsed Laser Excitation. Chemistry Letters, 1987, 16, 1219-1220.	1.3	2
244	Transient resonance Raman spectra of benzophenone and its four isotopic analogues in the lowest excited triplet state. The Journal of Physical Chemistry, 1987, 91, 5875-5880.	2.9	57
245	Ultrafast dynamics of malachite green at the air/water interface studied by femtosecond time-resolved electronic sum frequency generation (TR-ESFG): an indicator for local viscosity. Faraday Discussions, 0, 145, 411-428.	3.2	40
246	A Unified View on Varied Ultrafast Dynamics of the Primary Process in Microbial Rhodopsins. Angewandte Chemie, 0, , .	2.0	1