

Kankan Bhattacharyya

List of Publications by Year in descending order

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217
papers

10,254
citations

31902

53
h-index

45213

90
g-index

222
all docs

222
docs citations

222
times ranked

5303
citing authors

#	ARTICLE	IF	CITATIONS
1	Of Molecules, Time, and Space Resolution: An Autobiography of Kankan Bhattacharyya. <i>Journal of Physical Chemistry B</i> , 2022, 126, 3464-3469.	1.2	1
2	An intrinsically disordered protein in F127 hydrogel: Fluorescence correlation spectroscopy and structural diversity of beta casein. <i>Chemical Physics Letters</i> , 2021, 762, 138105.	1.2	10
3	Deciphering the evolution of supramolecular nanofibers in solution and solid-state: a combined microscopic and spectroscopic approach. <i>Chemical Science</i> , 2021, 12, 5874-5882.	3.7	25
4	Time-dependent enhancement of fluorescence from <i>Rhodobacter capsulatus</i> SB1003 and its critical dependence on concentration temperature and static magnetic field. <i>Journal of Biological Physics</i> , 2020, 46, 151-167.	0.7	1
5	Probing Viscosity of Co ϵ Polymer Hydrogel and HeLa Cell Using Fluorescent Gold Nanoclusters: Fluorescence Correlation Spectroscopy and Anisotropy Decay. <i>ChemPhysChem</i> , 2020, 21, 406-414.	1.0	14
6	The <i>JPC</i> Periodic Table. <i>Journal of Physical Chemistry A</i> , 2019, 123, 5837-5848.	1.1	2
7	The <i>JPC</i> Periodic Table. <i>Journal of Physical Chemistry B</i> , 2019, 123, 5973-5984.	1.2	1
8	The <i>JPC</i> Periodic Table. <i>Journal of Physical Chemistry C</i> , 2019, 123, 17063-17074.	1.5	1
9	The <i>JPC</i> Periodic Table. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 4051-4062.	2.1	2
10	Time Evolution of Local pH Around a Photo ϵ Acid in Water and a Polymer Hydrogel: Time Resolved Fluorescence Spectroscopy of Pyranine. <i>ChemPhysChem</i> , 2019, 20, 3221-3227.	1.0	14
11	Self-Assembly of Antimitotic Peptide at Membranes: Computational and Experimental Investigation. <i>ACS Omega</i> , 2019, 4, 745-754.	1.6	1
12	Specific ion effects on F127 hydrogel: FCS, anisotropy and solvation dynamics. <i>Chemical Physics Letters</i> , 2019, 735, 136754.	1.2	7
13	Probing Deviation of Adhered Membrane Dynamics between Reconstituted Liposome and Cellular System. <i>Chemistry - an Asian Journal</i> , 2019, 14, 4616-4624.	1.7	4
14	Structure, Activity, and Dynamics of Human Serum Albumin in a Crowded Pluronic F127 Hydrogel. <i>Journal of Physical Chemistry B</i> , 2019, 123, 3397-3408.	1.2	39
15	Live Cell Microscopy: A Physical Chemistry Approach. <i>Journal of Physical Chemistry B</i> , 2018, 122, 3023-3036.	1.2	19
16	Fluorescent Metal Nano-Clusters as Next Generation Fluorescent Probes for Cell Imaging and Drug Delivery. <i>Bulletin of the Chemical Society of Japan</i> , 2018, 91, 447-454.	2.0	63
17	Probing the conformational dynamics of photosystem I in unconfined and confined spaces. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 449-455.	1.3	2
18	Interaction of proteins with ionic liquid, alcohol and DMSO and in situ generation of gold nano-clusters in a cell. <i>Biophysical Reviews</i> , 2018, 10, 757-768.	1.5	27

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19	Ahmed Zewail. Resonance, 2018, 23, 633-640.	0.2	0
20	Classics. Resonance, 2018, 23, 713-716.	0.2	0
21	Ionic Liquid: Complexity in Structure and Dynamics, Interaction with Proteins and In Situ Generation of Metal Nano-clusters for Live Cell Imaging. Proceedings of the National Academy of Sciences India Section A - Physical Sciences, 2018, 88, 425-430.	0.8	3
22	Local environment of organic dyes in an ionic liquid-water mixture: FCS and MD simulation. Journal of Chemical Physics, 2018, 149, 054501.	1.2	11
23	Structural Oscillations of Non-muscle Myosin II: Time Resolved Confocal Microscopy. ChemistrySelect, 2017, 2, 953-958.	0.7	1
24	Probing micro-environment of lipid droplets in a live breast cell: MCF7 and MCF10A. Chemical Physics Letters, 2017, 670, 27-31.	1.2	40
25	Enzyme activity of α -chymotrypsin: Deactivation by gold nano-cluster and reactivation by glutathione. Journal of Colloid and Interface Science, 2017, 494, 74-81.	5.0	18
26	Differential role of nonmuscle myosin II isoforms during blebbing of MCF-7 cells. Molecular Biology of the Cell, 2017, 28, 1034-1042.	0.9	7
27	Physical chemistry in a single live cell: confocal microscopy. Physical Chemistry Chemical Physics, 2017, 19, 12620-12627.	1.3	10
28	Preferential targeting of i-motifs and G-quadruplexes by small molecules. Chemical Science, 2017, 8, 7448-7456.	3.7	65
29	Size and Structure of Cytochrome-c bound to Gold nano-clusters: Effect of Ethanol. Journal of Chemical Sciences, 2017, 129, 841-847.	0.7	3
30	"New Physical Chemistry Insight" in Experimental Bio-Physical Chemistry. Journal of Physical Chemistry B, 2017, 121, 6455-6455.	1.2	2
31	Fluorescence Dynamics in the Endoplasmic Reticulum of a Live Cell: Time-Resolved Confocal Microscopy. ChemPhysChem, 2016, 17, 2818-2823.	1.0	24
32	Single-molecule Spectroscopy: Exploring Heterogeneity in Chemical and Biological Systems. Chemical Record, 2016, 16, 601-613.	2.9	8
33	Structural relaxation of acridine orange dimer in bulk water and inside a single live lung cell. Journal of Chemical Physics, 2016, 144, 065101.	1.2	18
34	Effect of alcohol on the structure of cytochrome C: FCS and molecular dynamics simulations. Journal of Chemical Physics, 2016, 145, 235102.	1.2	25
35	Cancer Cell Imaging Using in Situ Generated Gold Nanoclusters. ChemPhysChem, 2016, 17, 61-68.	1.0	39
36	Small molecule regulated dynamic structural changes of human G-quadruplexes. Chemical Science, 2016, 7, 3279-3285.	3.7	41

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37	Fluorescence Probing of Fluctuating Microtubule using a Covalent Fluorescent Probe: Effect of Taxol. <i>ChemistrySelect</i> , 2016, 1, 1841-1847.	0.7	2
38	Split-ubiquitin yeast two-hybrid interaction reveals a novel interaction between a natural resistance associated macrophage protein and a membrane bound thioredoxin in <i>Brassica juncea</i> . <i>Plant Molecular Biology</i> , 2016, 92, 519-537.	2.0	4
39	Spatial inhomogeneity in spectra and exciton dynamics in porphyrin micro-rods and micro-brushes: Confocal microscopy. <i>Journal of Chemical Sciences</i> , 2016, 128, 1717-1724.	0.7	5
40	Biological oscillations: Fluorescence monitoring by confocal microscopy. <i>Chemical Physics Letters</i> , 2016, 660, 1-10.	1.2	8
41	Amyloid beta peptides inside a reconstituted cell-like liposomal system: aggregation, FRET, fluorescence oscillations and solvation dynamics. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 30444-30451.	1.3	15
42	Selective Killing of Breast Cancer Cells by Doxorubicin-Loaded Fluorescent Gold Nanoclusters: Confocal Microscopy and FRET. <i>ChemPhysChem</i> , 2016, 17, 253-259.	1.0	32
43	Spectral mapping of 3D multi-cellular tumor spheroids: time-resolved confocal microscopy. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 18381-18390.	1.3	20
44	Cytochrome <i>c</i> -Capped Fluorescent Gold Nanoclusters: Imaging of Live Cells and Delivery of Cytochrome <i>c</i> . <i>ChemPhysChem</i> , 2016, 17, 2088-2095.	1.0	20
45	Ionic liquid induced dehydration and domain closure in lysozyme: FCS and MD simulation. <i>Journal of Chemical Physics</i> , 2015, 143, 125103.	1.2	38
46	Unfolding and refolding of a protein by cholesterol and cyclodextrin: a single molecule study. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 8017-8027.	1.3	17
47	Direct observation of the growth and shrinkage of microtubules by single molecule Förster resonance energy transfer. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 6687-6690.	1.3	11
48	Role of Red-Ox Cycle in Structural Oscillations and Solvation Dynamics in the Mitochondria of a Live Cell. <i>Journal of Physical Chemistry B</i> , 2015, 119, 8842-8851.	1.2	15
49	Intermittent Fluorescence Oscillations in Lipid Droplets in a Live Normal and Lung Cancer Cell: Time-Resolved Confocal Microscopy. <i>Journal of Physical Chemistry B</i> , 2015, 119, 10868-10875.	1.2	48
50	Single-molecule spectroscopy. <i>Resonance</i> , 2015, 20, 151-164.	0.2	1
51	Fluorescence fluctuation of an antigen-antibody complex: circular dichroism, FCS and smFRET of enhanced GFP and its antibody. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 25250-25259.	1.3	13
52	Excited State Proton Transfer in the Lysosome of Live Lung Cells: Normal and Cancer Cells. <i>Journal of Physical Chemistry B</i> , 2015, 119, 2149-2156.	1.2	44
53	Effect of ethanol-water mixture on the structure and dynamics of lysozyme: A fluorescence correlation spectroscopy study. <i>Journal of Chemical Physics</i> , 2014, 140, 115105.	1.2	34
54	Confocal microscopy of cytoplasmic lipid droplets in a live cancer cell: number, polarity, diffusion and solvation dynamics. <i>MedChemComm</i> , 2014, 5, 536.	3.5	33

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55	Fluorescent Gold Nanocluster Inside a Live Breast Cell: Etching and Higher Uptake in Cancer Cell. <i>Journal of Physical Chemistry C</i> , 2014, 118, 22339-22346.	1.5	56
56	Solvation Dynamics and Intermittent Oscillation of Cell Membrane: Live Chinese Hamster Ovary Cell. <i>Journal of Physical Chemistry B</i> , 2014, 118, 2949-2956.	1.2	22
57	ACS on Campus in India - 2013. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 495-495.	2.1	0
58	Structure and dynamics of lysozyme in DMSO-water binary mixture: fluorescence correlation spectroscopy. <i>RSC Advances</i> , 2014, 4, 14378.	1.7	38
59	Dynamics of Gene Silencing in a Live Cell: Stochastic Resonance. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 1012-1016.	2.1	13
60	FRET between a donor and an acceptor covalently bound to human serum albumin in native and non-native states. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 16286.	1.3	34
61	Heterogeneity in binary mixtures of dimethyl sulfoxide and glycerol: Fluorescence correlation spectroscopy. <i>Journal of Chemical Physics</i> , 2013, 138, 214507.	1.2	28
62	Dynamics in Cytoplasm, Nucleus, and Lipid Droplet of a Live CHO Cell: Time-Resolved Confocal Microscopy. <i>Langmuir</i> , 2013, 29, 7975-7982.	1.6	44
63	Solvation Dynamics of Biological Water in a Single Live Cell under a Confocal Microscope. <i>Langmuir</i> , 2013, 29, 2289-2298.	1.6	49
64	Effect of NaCl on ESPT-Mediated FRET in a CTAC Micelle: A Femtosecond and FCS Study. <i>ChemPhysChem</i> , 2013, 14, 788-796.	1.0	9
65	In what time scale proton transfer takes place in a live CHO cell?. <i>Journal of Chemical Physics</i> , 2013, 138, 215102.	1.2	23
66	Effect of ionic liquid on the native and denatured state of a protein covalently attached to a probe: Solvation dynamics study. <i>Journal of Chemical Physics</i> , 2012, 137, 055104.	1.2	33
67	Diffusion of organic dyes in a niosome immobilized on a glass surface using fluorescence correlation spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 9749.	1.3	19
68	Salt Effect on the Ultrafast Proton Transfer in Niosome. <i>Journal of Physical Chemistry B</i> , 2012, 116, 8105-8112.	1.2	44
69	Solvation Dynamics under a Microscope: Single Giant Lipid Vesicle. <i>Langmuir</i> , 2012, 28, 10230-10237.	1.6	35
70	Role of Ionic Liquid on the Conformational Dynamics in the Native, Molten Globule, and Unfolded States of Cytochrome C: A Fluorescence Correlation Spectroscopy Study. <i>Journal of Physical Chemistry B</i> , 2012, 116, 12189-12198.	1.2	61
71	Effect of an Ionic liquid on the Unfolding of Human Serum Albumin: A Fluorescence Correlation Spectroscopy Study. <i>ChemPhysChem</i> , 2012, 13, 1949-1955.	1.0	23
72	Effect of Ionic Liquid on Diffusion in P123 Gel: Fluorescence Correlation Spectroscopy. <i>ChemPhysChem</i> , 2012, 13, 1942-1948.	1.0	8

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73	Diffusion of Organic Dyes in Ionic Liquid and Giant Micron Sized Ionic Liquid Mixed Micelle: Fluorescence Correlation Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2011, 115, 7781-7787.	1.2	78
74	An FCS Study of Unfolding and Refolding of CPM-Labeled Human Serum Albumin: Role of Ionic Liquid. <i>Journal of Physical Chemistry B</i> , 2011, 115, 13075-13083.	1.2	74
75	Marcus-like Inversion in Electron Transfer in Neat Ionic Liquid and Ionic Liquid-Mixed Micelles. <i>Journal of Physical Chemistry B</i> , 2011, 115, 4680-4688.	1.2	28
76	Ultrafast Singlet-Singlet Energy Transfer between an Acceptor Electrostatically Attached to the Walls of an Organic Capsule and the Enclosed Donor. <i>Journal of Physical Chemistry C</i> , 2011, 115, 9593-9600.	1.5	33
77	Study of β -Cyclodextrin Host-Guest Complex and Nanotube Aggregate by Fluorescence Correlation Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2011, 115, 10456-10461.	1.2	31
78	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.	1.5	69
79	Probing Deuterium Isotope Effect on Structure and Solvation Dynamics of Human Serum Albumin. <i>ChemPhysChem</i> , 2011, 12, 814-822.	1.0	11
80	Diffusion of Organic Dyes in Immobilized and Free Catanionic Vesicles. <i>Journal of Physical Chemistry B</i> , 2010, 114, 15506-15511.	1.2	46
81	Ultrafast and ultraslow proton transfer of pyranine in an ionic liquid microemulsion. <i>Journal of Chemical Physics</i> , 2010, 132, 194505.	1.2	43
82	Excited State Proton Transfer in Ionic Liquid Mixed Micelles. <i>Journal of Physical Chemistry B</i> , 2010, 114, 13136-13142.	1.2	40
83	Room-Temperature Ionic Liquid: A Nanostructured Liquid for High-Vacuum and High-Energy Applications. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 3254-3255.	2.1	19
84	Deuterium Isotope Effect on Femtosecond Solvation Dynamics in an Ionic Liquid Microemulsion: An Excitation Wavelength Dependence Study. <i>Journal of Physical Chemistry B</i> , 2010, 114, 4565-4571.	1.2	30
85	A Fluorescence Correlation Spectroscopy Study of the Diffusion of an Organic Dye in the Gel Phase and Fluid Phase of a Single Lipid Vesicle. <i>Journal of Physical Chemistry B</i> , 2010, 114, 5736-5741.	1.2	38
86	Ultrafast FRET in Ionic Liquid-P123 Mixed Micelles: Region and Counterion Dependence. <i>Journal of Physical Chemistry B</i> , 2010, 114, 13159-13166.	1.2	35
87	Deuterium isotope effect on femtosecond solvation dynamics in methyl β -cyclodextrins. <i>Journal of Chemical Physics</i> , 2009, 131, 044509.	1.2	14
88	Jiggling of Coherent Excitons along a Polymer Chain. <i>ChemPhysChem</i> , 2009, 10, 1981-1982.	1.0	0
89	Study of Diffusion of Organic Dyes in a Triblock Copolymer Micelle and Gel by Fluorescence Correlation Spectroscopy. <i>Chemistry - an Asian Journal</i> , 2009, 4, 948-954.	1.7	53
90	Femtosecond Solvation Dynamics in a Micron-Sized Aggregate of an Ionic Liquid and P123 Triblock Copolymer. <i>Journal of Physical Chemistry B</i> , 2009, 113, 959-965.	1.2	34

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91	Ultrafast FRET in a Room Temperature Ionic Liquid Microemulsion: A Femtosecond Excitation Wavelength Dependence Study. <i>Journal of Physical Chemistry A</i> , 2009, 113, 3737-3743.	1.1	60
92	Ultrafast fluorescence resonance energy transfer in a bile salt aggregate: Excitation wavelength dependence. <i>Journal of Chemical Sciences</i> , 2008, 120, 15-23.	0.7	13
93	A Femtosecond Study of Solvation Dynamics and Anisotropy Decay in a Catanionic Vesicle: Excitation Wavelength Dependence. <i>ChemPhysChem</i> , 2008, 9, 2848-2855.	1.0	10
94	Nature of biological water: a femtosecond study. <i>Chemical Communications</i> , 2008, , 2848.	2.2	194
95	A Femtosecond Study of Excitation Wavelength Dependence of a Triblock Copolymer Surfactant Supramolecular Assembly: (PEO) ₂₀ (PPO) ₇₀ (PEO) ₂₀ and CTAC. <i>Journal of Physical Chemistry B</i> , 2008, 112, 5020-5026.	1.2	30
96	Solvation Dynamics in Ionic Liquid Swollen P123 Triblock Copolymer Micelle: A Femtosecond Excitation Wavelength Dependence Study. <i>Journal of Physical Chemistry B</i> , 2008, 112, 6350-6357.	1.2	42
97	Femtosecond Solvation Dynamics in Different Regions of a Bile Salt Aggregate: Excitation Wavelength Dependence. <i>Journal of Physical Chemistry B</i> , 2008, 112, 3575-3580.	1.2	20
98	Ultrafast photoinduced electron transfer in the micelle and the gel phase of a PEO-PPO-PEO triblock copolymer. <i>Journal of Chemical Physics</i> , 2008, 128, 164505.	1.2	21
99	Ultrafast photoinduced electron transfer from dimethylaniline to coumarin dyes in sodium dodecyl sulfate and triton X-100 micelles. <i>Journal of Chemical Physics</i> , 2007, 126, 204708.	1.2	41
100	Excitation Wavelength Dependence of Solvation Dynamics in a Gel. (PEO) ₂₀ (PPO) ₇₀ (PEO) ₂₀ Triblock Copolymer. <i>Journal of Physical Chemistry C</i> , 2007, 111, 8775-8780.	1.5	35
101	Ultrafast Dynamics in Biological Systems and in Nano-Confined Environments. <i>Bulletin of the Chemical Society of Japan</i> , 2007, 80, 1033-1043.	2.0	33
102	Excitation Wavelength Dependence of Solvation Dynamics in a Supramolecular Assembly: PEO-PPO-PEO Triblock Copolymer and SDS. <i>Journal of Physical Chemistry B</i> , 2007, 111, 5896-5902.	1.2	43
103	Ultrafast Fluorescence Resonance Energy Transfer in the Micelle and the Gel Phase of a PEO-PPO-PEO Triblock Copolymer: Excitation Wavelength Dependence. <i>Journal of Physical Chemistry B</i> , 2007, 111, 7085-7091.	1.2	45
104	Femtosecond Solvation Dynamics in a Neat Ionic Liquid and Ionic Liquid Microemulsion: Excitation Wavelength Dependence. <i>Journal of Physical Chemistry B</i> , 2007, 111, 12809-12816.	1.2	147
105	Study of organized and biological systems using an ultrafast laser. <i>International Reviews in Physical Chemistry</i> , 2007, 26, 421-448.	0.9	23
106	Ultrafast Proton Transfer of Pyranine in a Supramolecular Assembly: PEO-PPO-PEO Triblock Copolymer and CTAC. <i>Journal of Physical Chemistry B</i> , 2007, 111, 13504-13510.	1.2	28
107	Excited-state proton transfer from pyranine to acetate in methanol. <i>Journal of Chemical Sciences</i> , 2007, 119, 71-76.	0.7	21
108	On the origin of the anomalous ultraslow solvation dynamics in heterogeneous environments. <i>Journal of Chemical Sciences</i> , 2007, 119, 113-121.	0.7	11

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109	Femtosecond Study of Partially Folded States of Cytochrome C by Solvation Dynamics. Journal of Physical Chemistry B, 2006, 110, 1056-1062.	1.2	42
110	Temperature dependence of solvation dynamics and anisotropy decay in a protein: ANS in bovine serum albumin. Journal of Chemical Physics, 2006, 124, 124909.	1.2	69
111	A femtosecond study of excitation wavelength dependence of solvation dynamics in a PEO-PPO-PEO triblock copolymer micelle. Journal of Chemical Physics, 2006, 124, 204905.	1.2	76
112	Solvation Dynamics of a Protein in the Pre Molten Globule State. Journal of Physical Chemistry B, 2006, 110, 21210-21215.	1.2	31
113	Ultrafast Electron Transfer in a Nanocavity. Dimethylaniline to Coumarin Dyes in Hydroxypropyl β -Cyclodextrin. Journal of Physical Chemistry A, 2006, 110, 13139-13144.	1.1	46
114	Excited-State Proton Transfer from Pyranine to Acetate in β -Cyclodextrin and Hydroxypropyl β -Cyclodextrin. Journal of Physical Chemistry A, 2006, 110, 13646-13652.	1.1	50
115	Study of partially folded states of cytochrome C by solvation dynamics. Journal of Molecular Liquids, 2006, 124, 128-135.	2.3	3
116	Ultrafast fluorescence resonance energy transfer in a reverse micelle: Excitation wavelength dependence. Journal of Chemical Physics, 2006, 125, 224710.	1.2	43
117	Solvation Dynamics in Biological Systems and Organized Assemblies. Journal of the Chinese Chemical Society, 2006, 53, 169-180.	0.8	5
118	Slow solvation dynamics of 4-AP and DCM in binary mixtures. Journal of Photochemistry and Photobiology A: Chemistry, 2005, 172, 180-184.	2.0	11
119	Hydration dynamics of 4-aminophthalimide in a substituted β -cyclodextrin nanocavity. Journal of Photochemistry and Photobiology A: Chemistry, 2005, 173, 334-339.	2.0	20
120	Study of protein-surfactant interaction using excited state proton transfer. Chemical Physics Letters, 2005, 404, 341-345.	1.2	59
121	Excitation wavelength dependence of solvation dynamics of coumarin 480 in a lipid vesicle. Chemical Physics Letters, 2005, 411, 339-344.	1.2	43
122	Excited state proton transfer of pyranine in a β -cyclodextrin cavity. Chemical Physics Letters, 2005, 412, 228-234.	1.2	103
123	Study of interaction of a cationic protein with a cationic surfactant using solvation dynamics. Chemical Physics Letters, 2005, 413, 484-489.	1.2	15
124	Solvation dynamics in a worm-like CTAB micelle. Research on Chemical Intermediates, 2005, 31, 135-144.	1.3	5
125	Slow Solvation Dynamics at the Active Site of an Enzyme: Implications for Catalysis. Biochemistry, 2005, 44, 8940-8947.	1.2	75
126	Solvation Dynamics of DCM in a DPPC Vesicle Entrapped in a Sodium Silicate Derived Sol-Gel Matrix. Journal of Physical Chemistry B, 2005, 109, 3319-3323.	1.2	22

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127	Temperature Dependence of Anisotropy Decay and Solvation Dynamics of Coumarin 153 in β -Cyclodextrin Aggregates. <i>Journal of Physical Chemistry A</i> , 2005, 109, 7359-7364.	1.1	63
128	Fluorescence Anisotropy Decay and Solvation Dynamics in a Nanocavity: Coumarin 153 in Methyl β -Cyclodextrins. <i>Journal of Physical Chemistry A</i> , 2005, 109, 9716-9722.	1.1	89
129	Ultrafast chemistry in complex and confined systems. <i>Journal of Chemical Sciences</i> , 2004, 116, 5-16.	0.7	12
130	Solvation dynamics of 4-aminophthalimide in dioxane-water mixture. <i>Chemical Physics Letters</i> , 2004, 384, 128-133.	1.2	76
131	Temperature dependence of solvation dynamics in a micelle. 4-Aminophthalimide in Triton X-100. <i>Chemical Physics Letters</i> , 2004, 385, 357-361.	1.2	49
132	Hydration dynamics of a protein in the presence of urea and sodium dodecyl sulfate. <i>Chemical Physics Letters</i> , 2004, 395, 58-63.	1.2	13
133	Excited state proton transfer from pyranine to acetate in a CTAB micelle. <i>Chemical Physics Letters</i> , 2004, 399, 147-151.	1.2	70
134	Solvation Dynamics in Dimyristoyl-Phosphatidylcholine Entrapped Inside a Sol-Gel Matrix. <i>Journal of Physical Chemistry B</i> , 2004, 108, 2309-2312.	1.2	18
135	Study of Solvation Dynamics in an Ormosil-CTAB in a Sol-Gel Matrix. <i>Journal of Physical Chemistry B</i> , 2004, 108, 11971-11975.	1.2	14
136	Solvation Dynamics of DCM in a Polypeptide-Surfactant Aggregate: Gelatin-Sodium Dodecyl Sulfate. <i>Langmuir</i> , 2004, 20, 653-657.	1.6	19
137	Excitation Wavelength Dependence of Solvation Dynamics in a Water Pool of a Reversed Micelle. <i>Chemistry Letters</i> , 2004, 33, 1090-1091.	0.7	40
138	Solvation dynamics in a protein-surfactant aggregate. TNS in HSA-SDS. <i>Chemical Physics Letters</i> , 2003, 379, 471-478.	1.2	20
139	Solvation dynamics in DMPC vesicle in the presence of a protein. <i>Chemical Physics Letters</i> , 2003, 382, 426-433.	1.2	31
140	Solvation dynamics in a protein-surfactant complex. <i>Chemical Physics Letters</i> , 2003, 377, 229-235.	1.2	46
141	Solvation Dynamics in the Molten Globule State of a Protein. <i>Journal of Physical Chemistry B</i> , 2003, 107, 14563-14568.	1.2	45
142	Solvation Dynamics in the Water Pool of an Aerosol-OT Microemulsion. Effect of Sodium Salicylate and Sodium Cholate. <i>Journal of Physical Chemistry B</i> , 2003, 107, 10815-10822.	1.2	56
143	Solvation Dynamics and Proton Transfer in Supramolecular Assemblies. <i>Accounts of Chemical Research</i> , 2003, 36, 95-101.	7.6	446
144	Solvation dynamics of 4-aminophthalimide in a polymer (PVP)-surfactant (SDS) aggregate. <i>Physical Chemistry Chemical Physics</i> , 2003, 5, 4875-4879.	1.3	10

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145	Solvation Dynamics of a Probe Covalently Bound to a Protein and in an AOT Microemulsion: 4-(N-Bromoacetyl-amino)-Phthalimide. <i>Journal of Physical Chemistry B</i> , 2002, 106, 10741-10747.	1.2	63
146	Excited State Proton Transfer of 1-Naphthol in a Hydroxypropylcellulose/Sodium Dodecyl Sulfate System. <i>Langmuir</i> , 2002, 18, 7867-7871.	1.6	25
147	Solvation Dynamics in the Water Pool of Aerosol Sodium Dioctylsulfosuccinate Microemulsion: Effect of Polymer. <i>Journal of Physical Chemistry A</i> , 2002, 106, 6017-6023.	1.1	34
148	Solvation Dynamics in Bile Salt Aggregates. <i>Journal of Physical Chemistry B</i> , 2002, 106, 7745-7750.	1.2	49
149	Solvation Dynamics in Aqueous Polymer Solution and in Polymer-Surfactant Aggregate. <i>Journal of Physical Chemistry B</i> , 2002, 106, 3763-3769.	1.2	76
150	Isomerization and fluorescence depolarization of merocyanine 540 in polyacrylic acid. Effect of pH. <i>Journal of Chemical Sciences</i> , 2002, 114, 501-511.	0.7	2
151	Photoisomerization of merocyanine 540 in polymer-surfactant aggregate. <i>Journal of Chemical Sciences</i> , 2002, 114, 83-91.	0.7	2
152	Solvation dynamics of TNS in polymer (PEG)-surfactant (SDS) aggregate. <i>Chemical Physics Letters</i> , 2002, 359, 15-21.	1.2	24
153	Femtosecond study of solvation dynamics of DCM in micelles. <i>Chemical Physics Letters</i> , 2002, 359, 77-82.	1.2	59
154	Solvation dynamics in a microemulsion in near-critical propane. <i>Chemical Physics Letters</i> , 2002, 361, 136-142.	1.2	22
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