

Anunay Samanta

List of Publications by Year in descending order

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185
papers

11,041
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26630

56
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32842

100
g-index

188
all docs

188
docs citations

188
times ranked

9244
citing authors

#	ARTICLE	IF	CITATIONS
1	State of the Art and Prospects for Halide Perovskite Nanocrystals. ACS Nano, 2021, 15, 10775-10981.	14.6	705
2	How polar are room-temperature ionic liquids?. Chemical Communications, 2001, , 413-414.	4.1	353
3	On the Optical Properties of the Imidazolium Ionic Liquids. Journal of Physical Chemistry B, 2005, 109, 9148-9153.	2.6	350
4	Dynamic Stokes Shift and Excitation Wavelength Dependent Fluorescence of Dipolar Molecules in Room Temperature Ionic Liquids. Journal of Physical Chemistry B, 2006, 110, 13704-13716.	2.6	341
5	Achieving Near-Unity Photoluminescence Efficiency for Blue-Violet-Emitting Perovskite Nanocrystals. ACS Energy Letters, 2019, 4, 32-39.	17.4	330
6	Solvation Dynamics of Coumarin-153 in a Room-Temperature Ionic Liquid. Journal of Physical Chemistry A, 2002, 106, 4447-4452.	2.5	265
7	Boosting the Photoluminescence of CsPbX ₃ (X = Cl, Br, I) Perovskite Nanocrystals Covering a Wide Wavelength Range by Postsynthetic Treatment with Tetrafluoroborate Salts. Chemistry of Materials, 2018, 30, 3633-3637.	6.7	239
8	Tackling the Defects, Stability, and Photoluminescence of CsPbX ₃ Perovskite Nanocrystals. ACS Energy Letters, 2019, 4, 1610-1618.	17.4	227
9	Structure of a Self-Assembled Chain of Water Molecules in a Crystal Host. Angewandte Chemie - International Edition, 2003, 42, 1741-1743.	13.8	225
10	How transparent are the imidazolium ionic liquids? A case study with 1-methyl-3-butylimidazolium hexafluorophosphate, [bmim][PF ₆]. Chemical Physics Letters, 2005, 402, 375-379.	2.6	224
11	Complete ultrafast charge carrier dynamics in photo-excited all-inorganic perovskite nanocrystals (CsPbX ₃). Nanoscale, 2017, 9, 1878-1885.	5.6	223
12	Excitation-Wavelength-Dependent Fluorescence Behavior of Some Dipolar Molecules in Room-Temperature Ionic Liquids. Journal of Physical Chemistry A, 2004, 108, 9048-9053.	2.5	220
13	Unusually High Fluorescence Enhancement of Some 1,8-Naphthalimide Derivatives Induced by Transition Metal Salts. Journal of Physical Chemistry B, 2000, 104, 11824-11832.	2.6	210
14	Excited-state dipole moments of some Coumarin dyes from a solvatochromic method using the solvent polarity parameter, E N T. Journal of the Chemical Society, Faraday Transactions, 1995, 91, 2739.	1.7	199
15	Steady-State and Time-Resolved Fluorescence Behavior of C153 and PRODAN in Room-Temperature Ionic Liquids. Journal of Physical Chemistry A, 2002, 106, 6670-6675.	2.5	196
16	Solvation Dynamics in Ionic Liquids: What We Have Learned from the Dynamic Fluorescence Stokes Shift Studies. Journal of Physical Chemistry Letters, 2010, 1, 1557-1562.	4.6	194
17	Luminescence tuning and exciton dynamics of Mn-doped CsPbCl ₃ nanocrystals. Nanoscale, 2017, 9, 16722-16727.	5.6	182
18	Dynamics of Solvation of the Fluorescent State of Some Electron Donor-Acceptor Molecules in Room Temperature Ionic Liquids, [BMIM][(CF ₃ SO ₂) ₂ N] and [EMIM][(CF ₃ SO ₂) ₂ N]. Journal of Physical Chemistry A, 2003, 107, 7340-7346.	2.5	181

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19	Influence of the Structure of the Amino Group and Polarity of the Medium on the Photophysical Behavior of 4-Amino-1,8-naphthalimide Derivatives. <i>Journal of Physical Chemistry A</i> , 2002, 106, 4763-4771.	2.5	180
20	A New Strategy for Ratiometric Fluorescence Detection of Transition Metal Ions. <i>Journal of Physical Chemistry B</i> , 2006, 110, 6437-6440.	2.6	148
21	Fluorescence Blinking and Photoactivation of All-Inorganic Perovskite Nanocrystals CsPbBr ₃ and CsPbBr ₂ I. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 266-271.	4.6	136
22	Solute Rotation and Solvation Dynamics in an Alcohol-Functionalized Room Temperature Ionic Liquid. <i>Journal of Physical Chemistry B</i> , 2007, 111, 4724-4731.	2.6	135
23	Evidence of Ground-State Proton-Transfer Reaction of 3-Hydroxyflavone in Neutral Alcoholic Solvents. <i>Journal of Physical Chemistry A</i> , 2003, 107, 6334-6339.	2.5	133
24	Interaction of Bovine Serum Albumin with Dipolar Molecules: Fluorescence and Molecular Docking Studies. <i>Journal of Physical Chemistry B</i> , 2009, 113, 2143-2150.	2.6	130
25	A Facile Methodology for Engineering the Morphology of CsPbX ₃ Perovskite Nanocrystals under Ambient Condition. <i>Scientific Reports</i> , 2016, 6, 37693.	3.3	126
26	Fluorescent Phase-Pure Zero-Dimensional Perovskite-Related Cs ₄ PbBr ₆ Microdisks: Synthesis and Single-Particle Imaging Study. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 4461-4467.	4.6	124
27	Excitation wavelength dependent fluorescence behavior of the room temperature ionic liquids and dissolved dipolar solutes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006, 182, 113-120.	3.9	119
28	Dipole moment change of NBD group upon excitation studied using solvatochromic and quantum chemical approaches: Implications in membrane research. <i>The Journal of Physical Chemistry</i> , 1994, 98, 2809-2812.	2.9	116
29	Transition Metal Ion Induced Fluorescence Enhancement of 4-(N,N-Dimethylethylenediamino)-7-nitrobenz-2-oxa-1,3-diazole. <i>Journal of Physical Chemistry A</i> , 1998, 102, 10579-10587.	2.5	115
30	Fluorescence Studies in a Pyrrolidinium Ionic Liquid: Polarity of the Medium and Solvation Dynamics. <i>Journal of Physical Chemistry B</i> , 2005, 109, 15172-15177.	2.6	114
31	A highly selective α -off-on TM fluorescence chemosensor for Cr(III). <i>Tetrahedron Letters</i> , 2006, 47, 7575-7578.	1.4	112
32	Photoinduced Electron Transfer Reaction in Room Temperature Ionic Liquids: A Combined Laser Flash Photolysis and Fluorescence Study. <i>Journal of Physical Chemistry B</i> , 2007, 111, 1957-1962.	2.6	107
33	Excited-State Proton-Transfer Dynamics of 7-Hydroxyquinoline in Room Temperature Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2008, 112, 10101-10106.	2.6	103
34	Solvation dynamics of Nile Red in a room temperature ionic liquid using streak camera. <i>Physical Chemistry Chemical Physics</i> , 2004, 6, 3106.	2.8	97
35	Ambient Condition Mg ²⁺ Doping Producing Highly Luminescent Green- and Violet-Emitting Perovskite Nanocrystals with Reduced Toxicity and Enhanced Stability. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 1178-1188.	4.6	93
36	Photoluminescence of Zero-Dimensional Perovskites and Perovskite-Related Materials. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 176-183.	4.6	91

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37	Microheterogeneity of Some Imidazolium Ionic Liquids As Revealed by Fluorescence Correlation Spectroscopy and Lifetime Studies. <i>Journal of Physical Chemistry B</i> , 2012, 116, 12275-12283.	2.6	90
38	The Fluorescence Response of a Structurally Modified 4-Aminophthalimide Derivative Covalently Attached to a Fatty Acid in Homogeneous and Micellar Environments. <i>Journal of Physical Chemistry B</i> , 1999, 103, 2906-2911.	2.6	87
39	Tuning the Size and Optical Properties in Molecular Nano/Microcrystals: Manifestation of Hierarchical Interactions. <i>Small</i> , 2006, 2, 650-659.	10.0	82
40	Excited State Dipole Moment of PRODAN as Determined from Transient Dielectric Loss Measurements. <i>Journal of Physical Chemistry A</i> , 2000, 104, 8972-8975.	2.5	79
41	4-Aminophthalimide Derivatives as Environment-Sensitive Probes. <i>Journal of Fluorescence</i> , 1998, 8, 405-410.	2.5	77
42	Differential Effect of Cholesterol and Its Biosynthetic Precursors on Membrane Dipole Potential. <i>Biophysical Journal</i> , 2012, 102, 1561-1569.	0.5	77
43	Ultrafast carrier dynamics of metal halide perovskite nanocrystals and perovskite-composites. <i>Nanoscale</i> , 2019, 11, 9796-9818.	5.6	76
44	Polarity of the micelle-water interface as seen by 4-aminophthalimide, a solvent sensitive fluorescence probe. <i>Chemical Physics Letters</i> , 1995, 246, 506-512.	2.6	73
45	<i>N</i> -Bromosuccinimide as Bromide Precursor for Direct Synthesis of Stable and Highly Luminescent Green-Emitting Perovskite Nanocrystals. <i>ACS Energy Letters</i> , 2020, 5, 64-69.	17.4	73
46	Free Volume Dependence of the Internal Rotation of a Molecular Rotor Probe in Room Temperature Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2008, 112, 16626-16632.	2.6	72
47	Highly Luminescent Violet- and Blue-Emitting Stable Perovskite Nanocrystals. , 2019, 1, 116-122.		72
48	Fluorescence Signalling of Transition Metal Ions by Multi-Component Systems Comprising 4-Chloro-1,8-naphthalimide as Fluorophore. <i>Tetrahedron</i> , 2000, 56, 7041-7044.	1.9	71
49	Effect of the Alkyl Chain Length on the Rotational Dynamics of Nonpolar and Dipolar Solutes in a Series of <i>N</i> -Alkyl- <i>N</i> -Methylmorpholinium Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2013, 117, 5156-5164.	2.6	71
50	Fluorescence Response of Coumarin-153 in <i>N</i> -Alkyl- <i>N</i> -methylmorpholinium Ionic Liquids: Are These Media More Structured than the Imidazolium Ionic Liquids?. <i>Journal of Physical Chemistry B</i> , 2012, 116, 13430-13438.	2.6	66
51	Excited-State Dipole Moment of 7-Aminocoumarins as Determined from Time-Resolved Microwave Dielectric Absorption Measurements. <i>Journal of Physical Chemistry A</i> , 2000, 104, 8577-8582.	2.5	65
52	Broadband ultrafast nonlinear optical studies revealing exciting multi-photon absorption coefficients in phase pure zero-dimensional Cs ₄ PbBr ₆ perovskite films. <i>Nanoscale</i> , 2019, 11, 945-954.	5.6	65
53	Broadband femtosecond nonlinear optical properties of CsPbBr ₃ perovskite nanocrystals. <i>Optics Letters</i> , 2018, 43, 603.	3.3	64
54	Effect of Nonpolar Solvents on the Solute Rotation and Solvation Dynamics in an Imidazolium Ionic Liquid. <i>Journal of Physical Chemistry B</i> , 2008, 112, 947-953.	2.6	61

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55	A two-dimensional chromogenic sensor as well as fluorescence inverter: selective detection of copper(ii) in aqueous medium. <i>New Journal of Chemistry</i> , 2005, 29, 1007.	2.8	60
56	Photophysical and Dynamic NMR Studies on 4-Amino-7-nitrobenz-2-oxa-1, 3-diazole Derivatives: Elucidation of the Nonradiative Deactivation Pathway. <i>Journal of Physical Chemistry A</i> , 1998, 102, 7903-7912.	2.5	59
57	A colorimetric chemosensor for both fluoride and transition metal ions based on dipyrrolyl derivative. <i>Dalton Transactions</i> , 2006, , 795.	3.3	59
58	Structural Transformation of Bovine Serum Albumin Induced by Dimethyl Sulfoxide and Probed by Fluorescence Correlation Spectroscopy and Additional Methods. <i>ChemPhysChem</i> , 2013, 14, 2441-2449.	2.1	59
59	Photoluminescence Flickering and Blinking of Single CsPbBr ₃ Perovskite Nanocrystals: Revealing Explicit Carrier Recombination Dynamics. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 7007-7014.	4.6	59
60	Photophysical and Transition-Metal Ion Signaling Behavior of a Three-Component System Comprising a Cryptand Moiety as the Receptor. <i>Journal of Physical Chemistry B</i> , 2002, 106, 5572-5577.	2.6	56
61	Intramolecular excimer formation kinetics in room temperature ionic liquids. <i>Chemical Physics Letters</i> , 2003, 376, 638-645.	2.6	56
62	Optical absorption and fluorescence studies on imidazolium ionic liquids comprising thebis(trifluoromethanesulphonyl)imide anion. <i>Journal of Chemical Sciences</i> , 2006, 118, 335-340.	1.5	56
63	Rotational dynamics of positively and negatively charged solutes in ionic liquid and viscous molecular solvent studied by time-resolved fluorescence anisotropy measurements. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 7671.	2.8	53
64	Modulation of the Excited State Intramolecular Electron Transfer Reaction and Dual Fluorescence of Crystal Violet Lactone in Room Temperature Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2010, 114, 9195-9200.	2.6	50
65	An investigation of the triplet state properties of 1,8-naphthalimide: a laser flash photolysis study. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1996, 101, 29-32.	3.9	47
66	Fluorescence Response of 4-(<i>N,N</i> -Dimethylamino)benzotrile in Room Temperature Ionic Liquids: Observation of Photobleaching under Mild Excitation Condition and Multiphoton Confocal Microscopic Study of the Fluorescence Recovery Dynamics. <i>Journal of Physical Chemistry B</i> , 2010, 114, 1967-1974.	2.6	47
67	Solute Rotation and Translation Dynamics in an Ionic Deep Eutectic Solvent Based on Choline Chloride. <i>Journal of Physical Chemistry B</i> , 2017, 121, 10556-10565.	2.6	47
68	Mechanistic Investigation of the Defect Activity Contributing to the Photoluminescence Blinking of CsPbBr ₃ Perovskite Nanocrystals. <i>ACS Nano</i> , 2019, 13, 13537-13544.	14.6	47
69	Ultrafast Charge Transfer and Trapping Dynamics in a Colloidal Mixture of Similarly Charged CdTe Quantum Dots and Silver Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2016, 120, 650-658.	3.1	45
70	Ionic liquid-induced all- \hat{I}_\pm to $\hat{I}_\pm + \hat{I}_2$ conformational transition in cytochrome c with improved peroxidase activity in aqueous medium. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 10189-10199.	2.8	43
71	Hole Transfer Dynamics from Photoexcited Cesium Lead Halide Perovskite Nanocrystals: 1-Aminopyrene as Hole Acceptor. <i>Journal of Physical Chemistry C</i> , 2018, 122, 13617-13623.	3.1	42
72	Effect of \hat{I}_2 -cyclodextrin on intramolecular charge-transfer emission of 4-aminophthalimide. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1992, 66, 185-192.	3.9	40

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73	AM1 study of the twisted intramolecular charge transfer phenomenon in p-(N,N-dimethylamino)benzotrile. <i>Chemical Physics Letters</i> , 1995, 236, 503-509.	2.6	40
74	How important is the quenching influence of the transition metal ions in the design of fluorescent PET sensors?. <i>Chemical Physics Letters</i> , 1998, 290, 9-16.	2.6	39
75	Multiple Logical Access with a Single Fluorophore-Spacer-Receptor System: Realization of Inhibit (INH) Logic Function. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 4967-4970.	2.4	39
76	Folding and Unfolding Movements in a [2]Pseudorotaxane. <i>Journal of Organic Chemistry</i> , 2011, 76, 138-144.	3.2	39
77	Hot Hole Transfer Dynamics from CsPbBr ₃ Perovskite Nanocrystals. <i>ACS Energy Letters</i> , 2020, 5, 2246-2252.	17.4	39
78	Excited-state proton transfer kinetics of carbazole. <i>Chemical Physics Letters</i> , 1985, 121, 507-512.	2.6	36
79	Steady state and time-resolved studies on the redox behaviour of 1,8-naphthalimide in the excited state. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1994, 84, 19-26.	3.9	35
80	Spectroscopic and Molecular Docking Study of the Interaction of DNA with a Morpholinium Ionic Liquid. <i>Journal of Physical Chemistry B</i> , 2015, 119, 11099-11105.	2.6	35
81	Calix[4]azacrown and 4-aminophthalimide-appended calix[4]azacrown: synthesis, structure, complexation and fluorescence signaling behaviour. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 1428.	2.8	34
82	Spectroscopic and Theoretical Investigations on Effective and Selective Interaction of Fullerenes C ₆₀ and C ₇₀ with a Derivatized Zn ^{II} phthalocyanine: Stabilization of Charge-Recombined State by Side-On Approach of C ₇₀ . <i>Journal of Physical Chemistry A</i> , 2010, 114, 5544-5550.	2.5	34
83	How do the hydrocarbon chain length and hydroxyl group position influence the solute dynamics in alcohol-based deep eutectic solvents?. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 24613-24622.	2.8	34
84	Fluorescence signaling of transition metal ions: a new approach. <i>New Journal of Chemistry</i> , 2002, 26, 1529-1531.	2.8	33
85	Fluorescence Quenching of CdS Quantum Dots by 4-Azetidinyl-7-Nitrobenzo[1,3-d]Diazole: A Mechanistic Study. <i>ChemPhysChem</i> , 2011, 12, 2735-2741.	2.1	32
86	Dual Fluorescence of Ellipticine: Excited State Proton Transfer from Solvent versus Solvent Mediated Intramolecular Proton Transfer. <i>Journal of Physical Chemistry A</i> , 2011, 115, 9217-9225.	2.5	31
87	Ultrafast Transient Absorption Study of the Nature of Interaction between Oppositely Charged Photoexcited CdTe Quantum Dots and Cresyl Violet. <i>Journal of Physical Chemistry C</i> , 2015, 119, 15661-15668.	3.1	31
88	Biexciton Generation and Dissociation Dynamics in Formamidinium- and Chloride-Doped Cesium Lead Iodide Perovskite Nanocrystals. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 3673-3679.	4.6	31
89	Comparative photophysical and femtosecond third-order nonlinear optical properties of novel imidazole substituted metal phthalocyanines. <i>Dyes and Pigments</i> , 2021, 184, 108791.	3.7	31
90	Charge Resonance Character in the Charge Transfer State of Bianthryls: Effect of Symmetry Breaking on Time-Resolved Near-IR Absorption Spectra. <i>Journal of Physical Chemistry A</i> , 2006, 110, 4291-4295.	2.5	29

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91	Picosecond time-resolved absorption and emission studies of the singlet excited states of acenaphthylene. <i>The Journal of Physical Chemistry</i> , 1990, 94, 7106-7110.	2.9	28
92	Quenching of fullerene triplets by stable nitroxide radicals. <i>Chemical Physics Letters</i> , 1992, 199, 635-639.	2.6	28
93	In Situ Reduction of Copper(II) Forming an Unusually Air Stable Linear Complex of Copper(I) with a Fluorescent Tag. <i>Inorganic Chemistry</i> , 2004, 43, 6890-6892.	4.0	27
94	Diffusion of organic dyes in bovine serum albumin solution studied by fluorescence correlation spectroscopy. <i>RSC Advances</i> , 2012, 2, 6079.	3.6	27
95	CdTe Quantum Dots in Ionic Liquid: Stability and Hole Scavenging in the Presence of a Sulfide Salt. <i>Journal of Physical Chemistry C</i> , 2014, 118, 18481-18487.	3.1	26
96	Photophysical study of two carbostyryl dyes: investigation of the possible role of a rotary decay mechanism. <i>Chemical Physics Letters</i> , 1996, 249, 392-398.	2.6	25
97	Photophysical and Density Functional Studies of the Interaction of a Flavone Derivative with the Halides. <i>Journal of Physical Chemistry B</i> , 2007, 111, 7027-7033.	2.6	25
98	FCS Study of the Structural Stability of Lysozyme in the Presence of Morpholinium Salts. <i>Journal of Physical Chemistry B</i> , 2013, 117, 16587-16593.	2.6	25
99	Intramolecular Cycloadditions of Photogenerated Azaxylylenes: An Experimental and Theoretical Study. <i>Journal of Physical Chemistry A</i> , 2014, 118, 10487-10496.	2.5	25
100	Charge-Transfer-Induced Twisting of the Nitro Group. <i>Journal of Physical Chemistry A</i> , 2007, 111, 6122-6126.	2.5	24
101	Effect of Capping Agent and Medium on Light-Induced Variation of the Luminescence Properties of CdTe Quantum Dots: A Study Based on Fluorescence Correlation Spectroscopy, Steady State and Time-Resolved Fluorescence Techniques. <i>Journal of Physical Chemistry C</i> , 2014, 118, 18187-18196.	3.1	24
102	All-inorganic perovskite nanocrystal assisted extraction of hot electrons and biexcitons from photoexcited CdTe quantum dots. <i>Nanoscale</i> , 2018, 10, 639-645.	5.6	24
103	Liquid Structure and Dynamics of Tetraalkylammonium Bromide-Based Deep Eutectic Solvents: Effect of Cation Chain Length. <i>Journal of Physical Chemistry B</i> , 2019, 123, 6842-6850.	2.6	24
104	Photophysical studies on a fluorescence probe labelled fatty acid: chain folding in a micellar environment. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1996, 92, 2697.	1.7	23
105	Phase-Transfer Catalyst-Induced Changes in the Absorption and Fluorescence Behavior of Some Electron Donor-Acceptor Molecules. <i>Journal of the American Chemical Society</i> , 2001, 123, 3809-3817.	13.7	23
106	Fluorescence studies in environmentally benign solvents: solvation dynamics of Coumarin 102 in [BMIM][BF ₄]. <i>Research on Chemical Intermediates</i> , 2005, 31, 575-583.	2.7	23
107	Mixed-ligand complexes of ruthenium(II) containing new photoactive or electroactive ligands: synthesis, spectral characterization and DNA interactions. <i>Journal of Biological Inorganic Chemistry</i> , 2005, 10, 496-508.	2.6	23
108	pH-Regulated Ca^{2+} -fluorescence signalling of d-block metal ions in aqueous media and realization of molecular IMP logic function. <i>New Journal of Chemistry</i> , 2006, 30, 1557-1560.	2.8	23

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109	Sensitized and heavy atom induced production of acenaphthylene triplet: a laser flash photolysis study. <i>The Journal of Physical Chemistry</i> , 1989, 93, 5823-5827.	2.9	22
110	Photochemical E(trans) \leftrightarrow Z(cis) Isomerization in Substituted 1-Naphthylacrylates. <i>Journal of Organic Chemistry</i> , 2001, 66, 681-688.	3.2	22
111	A Fluorescence Correlation Spectroscopy, Steady-State, and Time-Resolved Fluorescence Study of the Modulation of Photophysical Properties of Mercaptopropionic Acid Capped CdTe Quantum Dots upon Exposure to Light. <i>Journal of Physical Chemistry C</i> , 2013, 117, 23313-23321.	3.1	22
112	Photoinduced 2-way electron transfer in composites of metal nanoclusters and semiconductor quantum dots. <i>Nanoscale</i> , 2016, 8, 14250-14256.	5.6	22
113	Dark Excitons of the Perovskites and Sensitization of Molecular Triplets. <i>ACS Energy Letters</i> , 2021, 6, 588-597.	17.4	19
114	Highly Luminescent and Phase-Stable Red/NIR-Emitting All-Inorganic and Hybrid Perovskite Nanocrystals. <i>ACS Energy Letters</i> , 2021, 6, 3780-3787.	17.4	19
115	Excited state dynamics of 9,9'-bianthryl in room temperature ionic liquids as revealed by picosecond time-resolved fluorescence study. <i>Journal of Chemical Sciences</i> , 2009, 121, 309-315.	1.5	18
116	Excited state deprotonation reactions of aromatic amines: a diffusion-controlled process. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1989, 48, 61-68.	3.9	17
117	Influence of Structure on the Unusual Spectral Behavior of 4-Dialkylamino-1,8-naphthalimide. <i>Chemistry Letters</i> , 2005, 34, 722-723.	1.3	17
118	Insights into the Folding Pathway of a c-MYC-Promoter-Based i-Motif DNA in Crowded Environments at the Single-Molecule Level. <i>Journal of Physical Chemistry B</i> , 2020, 124, 763-770.	2.6	17
119	First Simultaneous Estimates of the Water Pool Core Size and the Interfacial Thickness of a Cationic Water-in-Oil Microemulsion by Combined Use of Chemical Trapping and Time-Resolved Fluorescence Quenching. <i>Langmuir</i> , 1999, 15, 4765-4772.	3.5	16
120	Phase-Stable and Highly Luminescent CsPbI ₃ Perovskite Nanocrystals with Suppressed Photoluminescence Blinking. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 5742-5750.	4.6	16
121	Electron acceptor behavior of 9-phenylxanthenium carbocation singlet. <i>Chemical Physics Letters</i> , 1990, 167, 165-169.	2.6	15
122	Direct evidence for intersystem crossing involving higher excited states of acenaphthylene. <i>Journal of the American Chemical Society</i> , 1991, 113, 7427-7429.	13.7	15
123	Redox switchable NIR dye derived from ruthenium dioxolene porphyrin systems. <i>Chemical Communications</i> , 2002, , 2648-2649.	4.1	14
124	10,10'-Dibromo-9,9'-bianthryl. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2003, 59, o1764-o1765.	0.2	14
125	Photophysical and transition metal ion signaling properties of some 4-amino-1,8-naphthalimide derivatives. <i>Research on Chemical Intermediates</i> , 2005, 31, 25-38.	2.7	14
126	Ratiometric fluorescence signalling of fluoride ions by an amidophthalimide derivative. <i>Journal of Chemical Sciences</i> , 2007, 119, 91-97.	1.5	14

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127	Does Excited-State Proton-Transfer Reaction Contribute to the Emission Behaviour of 4-Aminophthalimide in Aqueous Media?. <i>ChemPhysChem</i> , 2014, 15, 1793-1798.	2.1	14
128	Ground- and Excited-State Interactions of a Psoralen Derivative with Human Telomeric G-Quadruplex DNA. <i>Journal of Physical Chemistry B</i> , 2018, 122, 2277-2286.	2.6	14
129	Nature of the Fluorescent State of N ⁺ -Arylcarbazole Derivatives as Derived from Directly Measured Values of the Excited State Dipole Moment. <i>Journal of Physical Chemistry A</i> , 2001, 105, 5438-5441.	2.5	13
130	On the Stability and Conformational Dynamics of Cytochrome <i>c</i> in Ammonium Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2020, 124, 8132-8140.	2.6	13
131	Structural Stability and Conformational Dynamics of Cytochrome <i>c</i> in Hydrated Deep Eutectic Solvents. <i>Journal of Physical Chemistry B</i> , 2021, 125, 5757-5765.	2.6	13
132	Interaction of two .pi.-electron systems: spectroscopy of 9,10-dihydroanthracene. <i>The Journal of Physical Chemistry</i> , 1987, 91, 4671-4675.	2.9	12
133	Interaction between a pyridyl and a naphthyl/pyrenyl moiety in covalently linked systems. <i>Chemical Physics Letters</i> , 2002, 351, 61-70.	2.6	12
134	Synthesis and structure of unusually stable linear copper(I) complexes with blue fluorescence. <i>Polyhedron</i> , 2006, 25, 2269-2276.	2.2	12
135	Temporal Behavior of the Singlet Molecular Oxygen Emission in Imidazolium and Morpholinium Ionic Liquids and Its Implications. <i>Journal of Physical Chemistry B</i> , 2015, 119, 6696-6702.	2.6	12
136	Laser flash photolysis study of the aminophthalimide derivatives: Elucidation of the nonradiative deactivation route. <i>Chemical Physics Letters</i> , 2007, 442, 316-321.	2.6	11
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