Anunay Samanta

List of Publications by Year
in descending order

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185	11,041	26630	32842
papers	citations	56	100
		h-index	g-index

188	188	188	9244
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Roomâ€Temperature Treatment with Thioacetamide Yielding Blueâ€and Greenâ€Emitting CsPbX₃ Perovskite Nanocrystals with Enhanced Photoluminescence Efficiency and Stability. ChemNanoMat, 2022, 8, .	2.8	7
2	Photoluminescence Blinking Revealing Static and Dynamic Heterogeneity of the Hole Transfer Process in Phenothiazine-Adsorbed FAPbBr₃ Single Nanocrystals. Journal of Physical Chemistry C, 2022, 126, 9109-9116.	3.1	5
3	On direct synthesis of high quality APbX₃ (A = Cs⁺, MA⁺ and) Tj ETQq1 1 0.784314 rgBT /Ove generic approach. Nanoscale, 2022, 14, 9349-9358.	5.6	3
4	Phase-Stable and Highly Luminescent CsPbI₃ Perovskite Nanocrystals with Suppressed Photoluminescence Blinking. Journal of Physical Chemistry Letters, 2022, 13, 5742-5750.	4.6	16
5	(Invited) Charge Carrier Recombination and Extraction Dynamics of the Perovskite Nanocrystals: Ultrafast Pump-Probe and Photoluminescence Blinking Studies. ECS Meeting Abstracts, 2022, MA2022-01, 918-918.	0.0	0
6	Comparative photophysical and femtosecond third-order nonlinear optical properties of novel imidazole substituted metal phthalocyanines. Dyes and Pigments, 2021, 184, 108791.	3.7	31
7	Individual Particle-Level Picture of Charge Carrier Recombination in Bi-Doped CsPbBr₃ Nanocrystals. Journal of Physical Chemistry C, 2021, 125, 2156-2162.	3.1	8
8	Structural Stability and Conformational Dynamics of Cytochrome c in Hydrated Deep Eutectic Solvents. Journal of Physical Chemistry B, 2021, 125, 5757-5765.	2.6	13
9	(Invited) Ultrafast Pump-Probe and Single-Particle Photoluminescence Studies of Charge Carrier Recombination and Extraction Dynamics of the Caesium Lead Halide Perovskite Nanocrystals. ECS Meeting Abstracts, 2021, MA2021-01, 684-684.	0.0	0
10	State of the Art and Prospects for Halide Perovskite Nanocrystals. ACS Nano, 2021, 15, 10775-10981.	14.6	705
11	Lack of Environmental Sensitivity of a Naturally Occurring Fluorescent Analog of Cholesterol. Journal of Fluorescence, 2021, 31, 1401-1407.	2.5	3
12	Solute rotation and solvation dynamics in deep eutectic solvents. Chemical Physics Impact, 2021, 3, 100043.	3.5	5
13	Dark Excitons of the Perovskites and Sensitization of Molecular Triplets. ACS Energy Letters, 2021, 6, 588-597.	17.4	19
14	Highly Luminescent and Phase-Stable Red/NIR-Emitting All-Inorganic and Hybrid Perovskite Nanocrystals. ACS Energy Letters, 2021, 6, 3780-3787.	17.4	19
15	Effect of Lead:Halide Precursor Ratio on the Photoluminescence and Carrier Dynamics of Violet- and Blue-Emitting Lead Halide Perovskite Nanocrystals. Journal of Physical Chemistry C, 2021, 125, 23539-23547.	3.1	11
16	Can Sulfur-Containing Small Systems Enhance the Photoluminescence and Stability of the Blue-, Green- and Yellow-Emitting Perovskite Nanocrystals? A Case Study with Sodium Thiosulfate. Journal of Physical Chemistry C, 2021, 125, 24170-24179.	3.1	9
17	Insights into the Folding Pathway of a c-MYC-Promoter-Based i-Motif DNA in Crowded Environments at the Single-Molecule Level. Journal of Physical Chemistry B, 2020, 124, 763-770.	2.6	17
18	N-Bromosuccinimide as Bromide Precursor for Direct Synthesis of Stable and Highly Luminescent Green-Emitting Perovskite Nanocrystals. ACS Energy Letters, 2020, 5, 64-69.	17.4	73

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19	On the Stability and Conformational Dynamics of Cytochrome c in Ammonium Ionic Liquids. Journal of Physical Chemistry B, 2020, 124, 8132-8140.	2.6	13
20	Hot Hole Transfer Dynamics from CsPbBr₃ Perovskite Nanocrystals. ACS Energy Letters, 2020, 5, 2246-2252.	17.4	39
21	Complete Solvation Dynamics of Coumarin 153 in Tetraalkylammonium Bromide-Based Deep Eutectic Solvents. Journal of Physical Chemistry B, 2020, 124, 2473-2481.	2.6	11
22	Ambient Condition Mg²⁺ Doping Producing Highly Luminescent Green- and Violet-Emitting Perovskite Nanocrystals with Reduced Toxicity and Enhanced Stability. Journal of Physical Chemistry Letters, 2020, 11, 1178-1188.	4.6	93
23	(Invited) Charge Carrier Dynamics and Single-Particle Photoluminescence of the Caesium Lead Halide Perovskite Nanocrystals. ECS Meeting Abstracts, 2020, MA2020-01, 885-885.	0.0	0
24	Liquid Structure and Dynamics of Tetraalkylammonium Bromide-Based Deep Eutectic Solvents: Effect of Cation Chain Length. Journal of Physical Chemistry B, 2019, 123, 6842-6850.	2.6	24
25	Mechanistic Investigation of the Defect Activity Contributing to the Photoluminescence Blinking of CsPbBr₃ Perovskite Nanocrystals. ACS Nano, 2019, 13, 13537-13544.	14.6	47
26	Broadband ultrafast nonlinear optical studies revealing exciting multi-photon absorption coefficients in phase pure zero-dimensional Cs₄PbBr₆ perovskite films. Nanoscale, 2019, 11, 945-954.	5.6	65
27	Highly Luminescent Violet- and Blue-Emitting Stable Perovskite Nanocrystals. , 2019, 1, 116-122.		72
28	Tackling the Defects, Stability, and Photoluminescence of CsPbX₃ Perovskite Nanocrystals. ACS Energy Letters, 2019, 4, 1610-1618.	17.4	227
29	Interactions between a Bioflavonoid and G-Quadruplex DNA at the Ensemble and Single-Molecule Level. Biophysical Journal, 2019, 116, 277a.	0.5	0
30	Ultrafast carrier dynamics of metal halide perovskite nanocrystals and perovskite-composites. Nanoscale, 2019, 11, 9796-9818.	5.6	76
31	Interactions between a Bioflavonoid and c-MYC Promoter G-Quadruplex DNA: Ensemble and Single-Molecule Investigations. Journal of Physical Chemistry B, 2019, 123, 2022-2031.	2.6	10
32	Achieving Near-Unity Photoluminescence Efficiency for Blue-Violet-Emitting Perovskite Nanocrystals. ACS Energy Letters, 2019, 4, 32-39.	17.4	330
33	An Ultrafast Transient Absorption Study of Charge Separation and Recombination Dynamics in CdSe QDs and Methyl Viologen: Dependence on Surface Stoichiometry. ChemistrySelect, 2018, 3, 2675-2682.	1.5	8
34	Hole Transfer Dynamics from Photoexcited Cesium Lead Halide Perovskite Nanocrystals: 1-Aminopyrene as Hole Acceptor. Journal of Physical Chemistry C, 2018, 122, 13617-13623.	3.1	42
35	Ground- and Excited-State Interactions of a Psoralen Derivative with Human Telomeric G-Quadruplex DNA. Journal of Physical Chemistry B, 2018, 122, 2277-2286.	2.6	14
36	All-inorganic perovskite nanocrystal assisted extraction of hot electrons and biexcitons from photoexcited CdTe quantum dots. Nanoscale, 2018, 10, 639-645.	5.6	24

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37	Photoluminescence of Zero-Dimensional Perovskites and Perovskite-Related Materials. Journal of Physical Chemistry Letters, 2018, 9, 176-183.	4.6	91
38	Photoluminescence Flickering and Blinking of Single CsPbBr₃ Perovskite Nanocrystals: Revealing Explicit Carrier Recombination Dynamics. Journal of Physical Chemistry Letters, 2018, 9, 7007-7014.	4.6	59
39	How do the hydrocarbon chain length and hydroxyl group position influence the solute dynamics in alcohol-based deep eutectic solvents?. Physical Chemistry Chemical Physics, 2018, 20, 24613-24622.	2.8	34
40	Boosting the Photoluminescence of CsPbX₃ (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
41	Broadband femtosecond nonlinear optical properties of CsPbBr_3 perovskite nanocrystals. Optics Letters, 2018, 43, 603.	3.3	64
42	Biexciton Generation and Dissociation Dynamics in Formamidinium- and Chloride-Doped Cesium Lead Iodide Perovskite Nanocrystals. Journal of Physical Chemistry Letters, 2018, 9, 3673-3679.	4.6	31
43	Complete ultrafast charge carrier dynamics in photo-excited all-inorganic perovskite nanocrystals (CsPbX₃). Nanoscale, 2017, 9, 1878-1885.	5.6	223
44	Influence of Divalent Counterions on the Dynamics in DNA as Probed by Using a Minorâ€Groove Binder. ChemPhysChem, 2017, 18, 2058-2064.	2.1	9
45	Roles of the methyl and methylene groups of mercapto acids in the photoluminescence efficiency and carrier trapping dynamics of CdTe QDs. Physical Chemistry Chemical Physics, 2017, 19, 1536-1542.	2.8	4
46	Luminescence tuning and exciton dynamics of Mn-doped CsPbCl₃ nanocrystals. Nanoscale, 2017, 9, 16722-16727.	5.6	182
47	Fluorescent Phase-Pure Zero-Dimensional Perovskite-Related Cs₄PbBr₆ Microdisks: Synthesis and Single-Particle Imaging Study. Journal of Physical Chemistry Letters, 2017, 8, 4461-4467.	4.6	124
48	Solute Rotation and Translation Dynamics in an Ionic Deep Eutectic Solvent Based on Choline Chloride. Journal of Physical Chemistry B, 2017, 121, 10556-10565.	2.6	47
49	A Facile Methodology for Engineering the Morphology of CsPbX3 Perovskite Nanocrystals under Ambient Condition. Scientific Reports, 2016, 6, 37693.	3.3	126
50	Photoinduced 2-way electron transfer in composites of metal nanoclusters and semiconductor quantum dots. Nanoscale, 2016, 8, 14250-14256.	5.6	22
51	Ultrafast Charge Transfer and Trapping Dynamics in a Colloidal Mixture of Similarly Charged CdTe Quantum Dots and Silver Nanoparticles. Journal of Physical Chemistry C, 2016, 120, 650-658.	3.1	45
52	Fluorescence Blinking and Photoactivation of All-Inorganic Perovskite Nanocrystals CsPbBr₃ and CsPbBr₂I. Journal of Physical Chemistry Letters, 2016, 7, 266-271.	4.6	136
53	Contrasting Response of Two Dipolar Fluorescence Probes in a Leucineâ€Based Organogel and Its Implications. ChemPhysChem, 2015, 16, 2440-2446.	2.1	6
54	Effect of Controlled Deposition of ZnS Shell on the Photostability of CdTe Quantum Dots as Studied by Conventional Fluorescence and FCS Techniques. ChemPhysChem, 2015, 16, 3871-3876.	2.1	5

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55	Hexaethylsubporphyrins: Î²-alkyl analogues in the subporphyrin family. Dalton Transactions, 2015, 44, 19966-19973.	3.3	11
56	Spectroscopic and Molecular Docking Study of the Interaction of DNA with a Morpholinium Ionic Liquid. Journal of Physical Chemistry B, 2015, 119, 11099-11105.	2.6	35
57	Ultrafast Transient Absorption Study of the Nature of Interaction between Oppositely Charged Photoexcited CdTe Quantum Dots and Cresyl Violet. Journal of Physical Chemistry C, 2015, 119, 15661-15668.	3.1	31
58	Ionic liquid-induced all-Î± to Î± + Î² conformational transition in cytochrome c with improved peroxidase activity in aqueous medium. Physical Chemistry Chemical Physics, 2015, 17, 10189-10199.	2.8	43
59	Temporal Behavior of the Singlet Molecular Oxygen Emission in Imidazolium and Morpholinium Ionic Liquids and Its Implications. Journal of Physical Chemistry B, 2015, 119, 6696-6702.	2.6	12
60	CdTe Quantum Dots in Ionic Liquid: Stability and Hole Scavenging in the Presence of a Sulfide Salt. Journal of Physical Chemistry C, 2014, 118, 18481-18487.	3.1	26
61	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. Journal of Physical Chemistry C, 2014, 118, 18187-18196.	3.1	24
62	Intramolecular Cycloadditions of Photogenerated Azaxylylenes: An Experimental and Theoretical Study. Journal of Physical Chemistry A, 2014, 118, 10487-10496.	2.5	25
63	Does Excitedâ€State Protonâ€Transfer Reaction Contribute to the Emission Behaviour of 4â€Aminophthalimide in Aqueous Media?. ChemPhysChem, 2014, 15, 1793-1798.	2.1	14
64	Effect of the Alkyl Chain Length on the Rotational Dynamics of Nonpolar and Dipolar Solutes in a Series of N-Alkyl-N-Methylmorpholinium Ionic Liquids. Journal of Physical Chemistry B, 2013, 117, 5156-5164.	2.6	71
65	Structural Transformation of Bovine Serum Albumin Induced by Dimethyl Sulfoxide and Probed by Fluorescence Correlation Spectroscopy and Additional Methods. ChemPhysChem, 2013, 14, 2441-2449.	2.1	59
66	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. Journal of Physical Chemistry C, 2013, 117, 23313-23321.	3.1	22
67	FCS Study of the Structural Stability of Lysozyme in the Presence of Morpholinium Salts. Journal of Physical Chemistry B, 2013, 117, 16587-16593.	2.6	25
68	Comment on â€œAn Interesting Case Where Water Behaves as a Unique Solvent. 4-Aminophthalimide Emission Profile to Monitor Aqueous Environmentâ€. Journal of Physical Chemistry B, 2013, 117, 5387-5388.	2.6	4
69	A fluorescence study of the soluteâ€“solvent interactions of aminochalcones in a room-temperature ionic liquid. Pure and Applied Chemistry, 2013, 85, 1451-1463.	1.9	1
70	Diffusion of organic dyes in bovine serum albumin solution studied by fluorescence correlation spectroscopy. RSC Advances, 2012, 2, 6079.	3.6	27
71	Reply to â€œComment on â€˜Dual Fluorescence of Ellipticine: Excited State Proton Transfer from Solvent versus Solvent Mediated Intramolecular Proton Transferâ€™â€. Journal of Physical Chemistry A, 2012, 116, 901-901.	2.5	0
72	Fluorescence, Phosphorescence, and Delayed Fluorescence of Benzil in Imidazolium Ionic Liquids. Australian Journal of Chemistry, 2012, 65, 1291.	0.9	2

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73	Microheterogeneity of Some Imidazolium Ionic Liquids As Revealed by Fluorescence Correlation Spectroscopy and Lifetime Studies. Journal of Physical Chemistry B, 2012, 116, 12275-12283.	2.6	90
74	Fluorescence Response of Coumarin-153 in N-Alkyl-N-methylmorpholinium Ionic Liquids: Are These Media More Structured than the Imidazolium Ionic Liquids?. Journal of Physical Chemistry B, 2012, 116, 13430-13438.	2.6	66
75	Exploring the CdTe Quantum Dots in Ionic Liquids by Employing a Luminescent Hybrid of the Two. Journal of Physical Chemistry C, 2012, 116, 20643-20650.	3.1	10
76	Differential Effect of Cholesterol and Its Biosynthetic Precursors on Membrane Dipole Potential. Biophysical Journal, 2012, 102, 1561-1569.	0.5	77
77	What Determines the Rate of Excitedâ€State Intramolecular Electronâ€Transfer Reaction of 4â€(N,Nâ€²â€dimethylamino)benzonitrile in Room Temperature Ionic Liquids? A Study in [bmim][PF₆]. ChemPhysChem, 2012, 13, 1956-1961.	2.1	11
78	Dual Fluorescence of Ellipticine: Excited State Proton Transfer from Solvent versus Solvent Mediated Intramolecular Proton Transfer. Journal of Physical Chemistry A, 2011, 115, 9217-9225.	2.5	31
79	Folding and Unfolding Movements in a [2]Pseudorotaxane. Journal of Organic Chemistry, 2011, 76, 138-144.	3.2	39
80	Synthesis, structure and luminescence behaviour of a mononuclear cadmium(II) dicyanamide and a coordination polymer of mercury(II) dicyanamide containing 2,2â€²-dipyridylamine (dpaH) as end-capping ligand/anion of dpaH as binucleating bridge. Variance in coordination numbers, nuclearities and architectures with metal ion templates. Inorganica Chimica Acta, 2011, 367, 199-206.	2.4	8
81	Laser flash photolysis study on 9-phenylxanthenium tetrafluoroborate: Identification of new features due to the triplet state. Journal of Chemical Sciences, 2011, 123, 15-20.	1.5	0
82	Fluorescence Quenching of CdS Quantum Dots by 4â€Azetidinylâ€7â€Nitrobenzâ€2â€Oxaâ€1,3â€Diazole: A Mechanistic Study. ChemPhysChem, 2011, 12, 2735-2741.	2.1	32
83	Fluorescence Probing of the Physicochemical Characteristics of the Room Temperature Ionic Liquids. Springer Series on Fluorescence, 2011, , 65-89.	0.8	5
84	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
85	Modulation of the Excited State Intramolecular Electron Transfer Reaction and Dual Fluorescence of Crystal Violet Lactone in Room Temperature Ionic Liquids. Journal of Physical Chemistry B, 2010, 114, 9195-9200.	2.6	50
86	Fluorescence Response of 4-(N,Nâ€²-Dimethylamino)benzonitrile in Room Temperature Ionic Liquids: Observation of Photobleaching under Mild Excitation Condition and Multiphoton Confocal Microscopic Study of the Fluorescence Recovery Dynamics. Journal of Physical Chemistry B, 2010, 114, 1967-1974.	2.6	47
87	Spectroscopic and Theoretical Investigations on Effective and Selective Interaction of Fullerenes C₆₀ and C₇₀ with a Derivatized Znâ^'phthalocyanine: Stabilization of Charge-Recombined State by Side-On Approach of C₇₀. Journal of Physical Chemistry A, 2010, 114, 5544-5550.	2.5	34
88	Rotational dynamics of positively and negatively charged solutes in ionic liquid and viscous molecular solvent studied by time-resolved fluorescence anisotropy measurements. Physical Chemistry Chemical Physics, 2010, 12, 7671.	2.8	53
89	Excited state dynamics of 9,9â€²-bianthryl in room temperature ionic liquids as revealed by picosecond time-resolved fluorescence study. Journal of Chemical Sciences, 2009, 121, 309-315.	1.5	18
90	Solvation dynamics of a surfactant probe in mesostructured silica-surfactant nanocomposites. Chemical Physics Letters, 2009, 469, 71-75.	2.6	4

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91	Probing the Aggregated State of 4-(9-Anthryl)-N,N-dimethylaniline by UVâ^Vis Absorption and Fluorescence Spectroscopy, Microscopy, and Crystallography. Journal of Physical Chemistry B, 2009, 113, 15189-15195.	2.6	11
92	Interaction of Bovine Serum Albumin with Dipolar Molecules: Fluorescence and Molecular Docking Studies. Journal of Physical Chemistry B, 2009, 113, 2143-2150.	2.6	130
93	Mechanism of interaction of a flavone derivative with halides: Basis set dependence of the theoretical results. Computational and Theoretical Chemistry, 2008, 863, 111-116.	1.5	2
94	Free Volume Dependence of the Internal Rotation of a Molecular Rotor Probe in Room Temperature Ionic Liquids. Journal of Physical Chemistry B, 2008, 112, 16626-16632.	2.6	72
95	Excited-State Proton-Transfer Dynamics of 7-Hydroxyquinoline in Room Temperature Ionic Liquids. Journal of Physical Chemistry B, 2008, 112, 10101-10106.	2.6	103
96	Effect of Nonpolar Solvents on the Solute Rotation and Solvation Dynamics in an Imidazolium Ionic Liquid. Journal of Physical Chemistry B, 2008, 112, 947-953.	2.6	61
97	Polarity Dependence of the Radiative and Nonradiative Rates of Flavone Derivatives Comprising Structurally Similar Amino Moieties:â€‰ Change in the Nature of the Emitting State. Journal of Physical Chemistry A, 2008, 112, 3302-3310.	2.5	5
98	Photoinduced Electron Transfer Reaction in Room Temperature Ionic Liquids:Â A Combined Laser Flash Photolysis and Fluorescence Study. Journal of Physical Chemistry B, 2007, 111, 1957-1962.	2.6	107
99	Solute Rotation and Solvation Dynamics in an Alcohol-Functionalized Room Temperature Ionic Liquidâ€. Journal of Physical Chemistry B, 2007, 111, 4724-4731.	2.6	135
100	Photophysical and Density Functional Studies of the Interaction of a Flavone Derivative with the Halides. Journal of Physical Chemistry B, 2007, 111, 7027-7033.	2.6	25
101	Charge-Transfer-Induced Twisting of the Nitro Group. Journal of Physical Chemistry A, 2007, 111, 6122-6126.	2.5	24
102	Laser flash photolysis study of the aminophthalimide derivatives: Elucidation of the nonradiative deactivation route. Chemical Physics Letters, 2007, 442, 316-321.	2.6	11
103	Ratiometric fluorescence signalling of fluoride ions by an amidophthalimide derivative. Journal of Chemical Sciences, 2007, 119, 91-97.	1.5	14
104	Molecule matters. Resonance, 2007, 12, 79-85.	0.3	3
105	pH-Regulated â€œOffâ€“Onâ€•fluorescence signalling of d-block metal ions in aqueous media and realization of molecular IMP logic function. New Journal of Chemistry, 2006, 30, 1557-1560.	2.8	23
106	Long and Short Brick Network Architecture:â€‰ Role of Water Molecules Acting as Three-Connecting Spacers. Crystal Growth and Design, 2006, 6, 360-362.	3.0	8
107	Charge Resonance Character in the Charge Transfer State of Bianthryls:Â Effect of Symmetry Breaking on Time-Resolved Near-IR Absorption Spectra. Journal of Physical Chemistry A, 2006, 110, 4291-4295.	2.5	29
108	A New Strategy for Ratiometric Fluorescence Detection of Transition Metal Ions. Journal of Physical Chemistry B, 2006, 110, 6437-6440.	2.6	148

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109	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
110	A colorimetric chemosensor for both fluoride and transition metal ions based on dipyrrolyl derivative. Dalton Transactions, 2006, , 795.	3.3	59
111	Room Temperature Ionic Liquids as Media for Photophysical Studies. Journal of the Chinese Chemical Society, 2006, 53, 247-252.	1.4	8
112	Tuning the Size and Optical Properties in Molecular Nano/Microcrystals: Manifestation of Hierarchical Interactions. Small, 2006, 2, 650-659.	10.0	82
113	Synthesis and structure of unusually stable linear copper(I) complexes with blue fluorescence. Polyhedron, 2006, 25, 2269-2276.	2.2	12
114	Excitation wavelength dependent fluorescence behavior of the room temperature ionic liquids and dissolved dipolar solutes. Journal of Photochemistry and Photobiology A: Chemistry, 2006, 182, 113-120.	3.9	119
115	A highly selective â€˜offâ€“onâ€™ fluorescence chemosensor for Cr(III). Tetrahedron Letters, 2006, 47, 7575-7578.	1.4	112
116	Optical absorption and fluorescence studies on imidazolium ionic liquids comprising thebis(trifluoromethanesulphonyl)imide anion. Journal of Chemical Sciences, 2006, 118, 335-340.	1.5	56
117	Structure-Property Relationship of Aminonitrofluorenes Synthesized by Copper-Mediated Ullmann-Type C-N Bond Formation. Synthesis, 2006, 2006, 3425-3430.	2.3	1
118	Influence of Structure on the Unusual Spectral Behavior of 4-Dialkylamino-1,8-naphthalimide. Chemistry Letters, 2005, 34, 722-723.	1.3	17
119	How transparent are the imidazolium ionic liquids? A case study with 1-methyl-3-butylimidazolium hexafluorophosphate, [bmim][PF6]. Chemical Physics Letters, 2005, 402, 375-379.	2.6	224
120	Photophysical and transition metal ion signaling properties of some 4-amino-1,8-naphthalimide derivatives. Research on Chemical Intermediates, 2005, 31, 25-38.	2.7	14
121	Fluorescence studies in environmentally benign solvents: solvation dynamics of Coumarin 102 in [BMIM][BF4]. Research on Chemical Intermediates, 2005, 31, 575-583.	2.7	23
122	On the Optical Properties of the Imidazolium Ionic Liquids. Journal of Physical Chemistry B, 2005, 109, 9148-9153.	2.6	350
123	Multiple Logical Access with a Single Fluorophore-Spacer-Receptor System: Realization of Inhibit (INH) Logic Function. European Journal of Organic Chemistry, 2005, 2005, 4967-4970.	2.4	39
124	Mixed-ligand complexes of ruthenium(II) containing new photoactive or electroactive ligands: synthesis, spectral characterization and DNA interactions. Journal of Biological Inorganic Chemistry, 2005, 10, 496-508.	2.6	23
125	Fluorescence response of mono- and tetraazacrown derivatives of 4-aminophthalimide with and without some transition and post transition metal ions. Journal of Materials Chemistry, 2005, 15, 2854.	6.7	5
126	Calix[4]azacrown and 4-aminophthalimide-appended calix[4]azacrown: synthesis, structure, complexation and fluorescence signaling behaviour. Organic and Biomolecular Chemistry, 2005, 3, 1428.	2.8	34

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127	Fluorescence Studies in a Pyrrolidinium Ionic Liquid:Â Polarity of the Medium and Solvation Dynamics. Journal of Physical Chemistry B, 2005, 109, 15172-15177.	2.6	114
128	A two-dimensional chromogenic sensor as well as fluorescence inverter: selective detection of copper(ii) in aqueous medium. New Journal of Chemistry, 2005, 29, 1007.	2.8	60
129	N-(4-Amino-2-methylphenyl)-4-chlorophthalimide. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o740-o741.	0.2	0
130	In Situ Reduction of Copper(II) Forming an Unusually Air Stable Linear Complex of Copper(I) with a Fluorescent Tag. Inorganic Chemistry, 2004, 43, 6890-6892.	4.0	27
131	Solvation dynamics of Nile Red in a room temperature ionic liquid using streak camera. Physical Chemistry Chemical Physics, 2004, 6, 3106.	2.8	97
132	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
133	10,10â€²-Dibromo-9,9â€²-bianthryl. Acta Crystallographica Section E: Structure Reports Online, 2003, 59, o1764-o1765.	0.2	14
134	Structure of a Self-Assembled Chain of Water Molecules in a Crystal Host. Angewandte Chemie - International Edition, 2003, 42, 1741-1743.	13.8	225
135	Intramolecular excimer formation kinetics in room temperature ionic liquids. Chemical Physics Letters, 2003, 376, 638-645.	2.6	56
136	Evidence of Ground-State Proton-Transfer Reaction of 3-Hydroxyflavone in Neutral Alcoholic Solvents. Journal of Physical Chemistry A, 2003, 107, 6334-6339.	2.5	133
137	Dynamics of Solvation of the Fluorescent State of Some Electron Donorâ^'Acceptor Molecules in Room Temperature Ionic Liquids, [BMIM][(CF3SO2)2N] and [EMIM][(CF3SO2)2N]. Journal of Physical Chemistry A, 2003, 107, 7340-7346.	2.5	181
138	Excited State Structure ofN-(4-cyanophenyl)carbazole by Time-Resolved Infrared Absorption Spectroscopy. Chemistry Letters, 2002, 31, 340-341.	1.3	2
139	Influence of the Structure of the Amino Group and Polarity of the Medium on the Photophysical Behavior of 4-Amino-1,8-naphthalimide Derivatives. Journal of Physical Chemistry A, 2002, 106, 4763-4771.	2.5	180
140	Redox switchable NIR dye derived from rutheniumâ€“dioxoleneâ€“porphyrin systems. Chemical Communications, 2002, , 2648-2649.	4.1	14
141	Solvation Dynamics of Coumarin-153 in a Room-Temperature Ionic Liquid. Journal of Physical Chemistry A, 2002, 106, 4447-4452.	2.5	265
142	Photophysical and Transition-Metal Ion Signaling Behavior of a Three-Component System Comprising a Cryptand Moiety as the Receptor. Journal of Physical Chemistry B, 2002, 106, 5572-5577.	2.6	56
143	Fluorescence signaling of transition metal ions: a new approach. New Journal of Chemistry, 2002, 26, 1529-1531.	2.8	33
144	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

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145	Interaction between a pyridyl and a naphthyl/pyrenyl moiety in covalently linked systems. Chemical Physics Letters, 2002, 351, 61-70.	2.6	12
146	How polar are room-temperature ionic liquids?. Chemical Communications, 2001, , 413-414.	4.1	353
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