

# Anunay Samanta

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

175  
papers

9,097  
citations

53  
h-index

91  
g-index

188  
ext. papers

10,070  
ext. citations

4.5  
avg, IF

6.87  
L-index

#	Paper	IF	Citations
175	Effect of Lead:Halide Precursor Ratio on the Photoluminescence and Carrier Dynamics of Violet- and Blue-Emitting Lead Halide Perovskite Nanocrystals. <i>Journal of Physical Chemistry C</i> , <b>2021</b> , 125, 23539-23547	3.8	23547
174	Structural Stability and Conformational Dynamics of Cytochrome c in Hydrated Deep Eutectic Solvents. <i>Journal of Physical Chemistry B</i> , <b>2021</b> , 125, 5757-5765	3.4	4
173	State of the Art and Prospects for Halide Perovskite Nanocrystals. <i>ACS Nano</i> , <b>2021</b> , 15, 10775-10981	16.7	222
172	Lack of Environmental Sensitivity of a Naturally Occurring Fluorescent Analog of Cholesterol. <i>Journal of Fluorescence</i> , <b>2021</b> , 31, 1401-1407	2.4	2
171	Comparative photophysical and femtosecond third-order nonlinear optical properties of novel imidazole substituted metal phthalocyanines. <i>Dyes and Pigments</i> , <b>2021</b> , 184, 108791	4.6	16
170	Individual Particle-Level Picture of Charge Carrier Recombination in Bi-Doped CsPbBr <sub>3</sub> Nanocrystals. <i>Journal of Physical Chemistry C</i> , <b>2021</b> , 125, 2156-2162	3.8	2
169	Solute Rotation and Solvation Dynamics in Deep Eutectic Solvents. <i>Chemical Physics Impact</i> , <b>2021</b> , 100043.6	3.6	6
168	Dark Excitons of the Perovskites and Sensitization of Molecular Triplets. <i>ACS Energy Letters</i> , <b>2021</b> , 6, 588-597	20.1	8
167	Hot Hole Transfer Dynamics from CsPbBr <sub>3</sub> Perovskite Nanocrystals. <i>ACS Energy Letters</i> , <b>2020</b> , 5, 2246-2252	20.1	14
166	Complete Solvation Dynamics of Coumarin 153 in Tetraalkylammonium Bromide-Based Deep Eutectic Solvents. <i>Journal of Physical Chemistry B</i> , <b>2020</b> , 124, 2473-2481	3.4	7
165	Ambient Condition Mg Doping Producing Highly Luminescent Green- and Violet-Emitting Perovskite Nanocrystals with Reduced Toxicity and Enhanced Stability. <i>Journal of Physical Chemistry Letters</i> , <b>2020</b> , 11, 1178-1188	6.4	54
164	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> , <b>2020</b> , 124, 763-770	3.4	9
163	N-Bromosuccinimide as Bromide Precursor for Direct Synthesis of Stable and Highly Luminescent Green-Emitting Perovskite Nanocrystals. <i>ACS Energy Letters</i> , <b>2020</b> , 5, 64-69	20.1	36
162	On the Stability and Conformational Dynamics of Cytochrome in Ammonium Ionic Liquids. <i>Journal of Physical Chemistry B</i> , <b>2020</b> , 124, 8132-8140	3.4	7
161	Broadband ultrafast nonlinear optical studies revealing exciting multi-photon absorption coefficients in phase pure zero-dimensional CsPbBr perovskite films. <i>Nanoscale</i> , <b>2019</b> , 11, 945-954	7.7	41
160	Highly Luminescent Violet- and Blue-Emitting Stable Perovskite Nanocrystals <b>2019</b> , 1, 116-122		46
159	Tackling the Defects, Stability, and Photoluminescence of CsPbX <sub>3</sub> Perovskite Nanocrystals. <i>ACS Energy Letters</i> , <b>2019</b> , 4, 1610-1618	20.1	146

158	Ultrafast carrier dynamics of metal halide perovskite nanocrystals and perovskite-composites. <i>Nanoscale</i> , <b>2019</b> , 11, 9796-9818	7.7	51
157	Liquid Structure and Dynamics of Tetraalkylammonium Bromide-Based Deep Eutectic Solvents: Effect of Cation Chain Length. <i>Journal of Physical Chemistry B</i> , <b>2019</b> , 123, 6842-6850	3.4	16
156	Mechanistic Investigation of the Defect Activity Contributing to the Photoluminescence Blinking of CsPbBr Perovskite Nanocrystals. <i>ACS Nano</i> , <b>2019</b> , 13, 13537-13544	16.7	25
155	Interactions between a Bioflavonoid and c-MYC Promoter G-Quadruplex DNA: Ensemble and Single-Molecule Investigations. <i>Journal of Physical Chemistry B</i> , <b>2019</b> , 123, 2022-2031	3.4	3
154	Achieving Near-Unity Photoluminescence Efficiency for Blue-Violet-Emitting Perovskite Nanocrystals. <i>ACS Energy Letters</i> , <b>2019</b> , 4, 32-39	20.1	251
153	An Ultrafast Transient Absorption Study of Charge Separation and Recombination Dynamics in CdSe QDs and Methyl Viologen: Dependence on Surface Stoichiometry. <i>ChemistrySelect</i> , <b>2018</b> , 3, 2675-2682	1.8	6
152	Hole Transfer Dynamics from Photoexcited Cesium Lead Halide Perovskite Nanocrystals: 1-Aminopyrene as Hole Acceptor. <i>Journal of Physical Chemistry C</i> , <b>2018</b> , 122, 13617-13623	3.8	23
151	Ground- and Excited-State Interactions of a Psoralen Derivative with Human Telomeric G-Quadruplex DNA. <i>Journal of Physical Chemistry B</i> , <b>2018</b> , 122, 2277-2286	3.4	10
150	Broadband femtosecond nonlinear optical properties of CsPbBr perovskite nanocrystals. <i>Optics Letters</i> , <b>2018</b> , 43, 603-606	3	42
149	Biexciton Generation and Dissociation Dynamics in Formamidinium- and Chloride-Doped Cesium Lead Iodide Perovskite Nanocrystals. <i>Journal of Physical Chemistry Letters</i> , <b>2018</b> , 9, 3673-3679	6.4	25
148	All-inorganic perovskite nanocrystal assisted extraction of hot electrons and biexcitons from photoexcited CdTe quantum dots. <i>Nanoscale</i> , <b>2018</b> , 10, 639-645	7.7	21
147	Photoluminescence of Zero-Dimensional Perovskites and Perovskite-Related Materials. <i>Journal of Physical Chemistry Letters</i> , <b>2018</b> , 9, 176-183	6.4	67
146	Photoluminescence Flickering and Blinking of Single CsPbBr Perovskite Nanocrystals: Revealing Explicit Carrier Recombination Dynamics. <i>Journal of Physical Chemistry Letters</i> , <b>2018</b> , 9, 7007-7014	6.4	37
145	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> , <b>2018</b> , 20, 24613-24622	3.6	26
144	Boosting the Photoluminescence of CsPbX <sub>3</sub> (X = Cl, Br, I) Perovskite Nanocrystals Covering a Wide Wavelength Range by Postsynthetic Treatment with Tetrafluoroborate Salts. <i>Chemistry of Materials</i> , <b>2018</b> , 30, 3633-3637	9.6	175
143	Complete ultrafast charge carrier dynamics in photo-excited all-inorganic perovskite nanocrystals (CsPbX). <i>Nanoscale</i> , <b>2017</b> , 9, 1878-1885	7.7	157
142	Influence of Divalent Counterions on the Dynamics in DNA as Probed by Using a Minor-Groove Binder. <i>ChemPhysChem</i> , <b>2017</b> , 18, 2058-2064	3.2	7
141	Roles of the methyl and methylene groups of mercapto acids in the photoluminescence efficiency and carrier trapping dynamics of CdTe QDs. <i>Physical Chemistry Chemical Physics</i> , <b>2017</b> , 19, 1536-1542	3.6	3

- 140 Luminescence tuning and exciton dynamics of Mn-doped CsPbCl nanocrystals. *Nanoscale*, **2017**, 9, 16722-16727, 146
- 139 Fluorescent Phase-Pure Zero-Dimensional Perovskite-Related CsPbBr Microdisks: Synthesis and Single-Particle Imaging Study. *Journal of Physical Chemistry Letters*, **2017**, 8, 4461-4467 6.4 101
- 138 Solute Rotation and Translation Dynamics in an Ionic Deep Eutectic Solvent Based on Choline Chloride. *Journal of Physical Chemistry B*, **2017**, 121, 10556-10565 3.4 37
- 137 A Facile Methodology for Engineering the Morphology of CsPbX Perovskite Nanocrystals under Ambient Condition. *Scientific Reports*, **2016**, 6, 37693 4.9 95
- 136 Photoinduced 2-way electron transfer in composites of metal nanoclusters and semiconductor quantum dots. *Nanoscale*, **2016**, 8, 14250-6 7.7 18
- 135 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 3.8 32
- 134 Fluorescence Blinking and Photoactivation of All-Inorganic Perovskite Nanocrystals CsPbBr<sub>3</sub> and CsPbBr<sub>2</sub>I. *Journal of Physical Chemistry Letters*, **2016**, 7, 266-71 6.4 121
- 133 Spectroscopic and Molecular Docking Study of the Interaction of DNA with a Morpholinium Ionic Liquid. *Journal of Physical Chemistry B*, **2015**, 119, 11099-105 3.4 28
- 132 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 3.8 27
- 131 Ionic liquid-induced all- $\beta$  to  $\alpha$  conformational transition in cytochrome c with improved peroxidase activity in aqueous medium. *Physical Chemistry Chemical Physics*, **2015**, 17, 10189-99 3.6 35
- 130 Temporal behavior of the singlet molecular oxygen emission in imidazolium and morpholinium ionic liquids and its implications. *Journal of Physical Chemistry B*, **2015**, 119, 6696-702 3.4 10
- 129 Fluorescence Studies of the Microenvironments of the Morpholinium Room-Temperature Ionic Liquids **2015**, 151-173
- 128 Contrasting Response of Two Dipolar Fluorescence Probes in a Leucine-Based Organogel and Its Implications. *ChemPhysChem*, **2015**, 16, 2440-6 3.2 6
- 127 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, 3871-6 3.2 4
- 126 Hexaethylsubporphyrins: Alkyl analogues in the subporphyrin family. *Dalton Transactions*, **2015**, 44, 19966-73 4.3 9
- 125 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 3.8 23
- 124 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 3.8 19
- 123 Intramolecular cycloadditions of photogenerated azaxylylenes: an experimental and theoretical study. *Journal of Physical Chemistry A*, **2014**, 118, 10487-96 2.8 19

122	Does excited-state proton-transfer reaction contribute to the emission behaviour of 4-aminophthalimide in aqueous media?. <i>ChemPhysChem</i> , <b>2014</b> , 15, 1793-8	3.2	8
121	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. <i>Journal of Physical Chemistry B</i> , <b>2013</b> , 117, 5156-64	3.4	67
120	Structural transformation of bovine serum albumin induced by dimethyl sulfoxide and probed by fluorescence correlation spectroscopy and additional methods. <i>ChemPhysChem</i> , <b>2013</b> , 14, 2441-9	3.2	44
119	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> , <b>2013</b> , 117, 23313-23321	3.8	18
118	FCS study of the structural stability of lysozyme in the presence of morpholinium salts. <i>Journal of Physical Chemistry B</i> , <b>2013</b> , 117, 16587-93	3.4	21
117	Comment on "An interesting case where water behaves as a unique solvent. 4-Aminophthalimide emission profile to monitor aqueous environment". <i>Journal of Physical Chemistry B</i> , <b>2013</b> , 117, 5387-8	3.4	3
116	A fluorescence study of the solute-solvent interactions of aminochalcones in a room-temperature ionic liquid. <i>Pure and Applied Chemistry</i> , <b>2013</b> , 85, 1451-1463	2.1	1
115	Reply to Comment on Dual Fluorescence of Ellipticine: Excited State Proton Transfer from Solvent versus Solvent Mediated Intramolecular Proton Transfer. <i>Journal of Physical Chemistry A</i> , <b>2012</b> , 116, 901-901	2.8	
114	Fluorescence, Phosphorescence, and Delayed Fluorescence of Benzil in Imidazolium Ionic Liquids. <i>Australian Journal of Chemistry</i> , <b>2012</b> , 65, 1291	1.2	2
113	Microheterogeneity of some imidazolium ionic liquids as revealed by fluorescence correlation spectroscopy and lifetime studies. <i>Journal of Physical Chemistry B</i> , <b>2012</b> , 116, 12275-83	3.4	81
112	Fluorescence response of coumarin-153 in N-alkyl-N-methylmorpholinium ionic liquids: are these media more structured than the imidazolium ionic liquids?. <i>Journal of Physical Chemistry B</i> , <b>2012</b> , 116, 13430-8	3.4	64
111	Exploring the CdTe Quantum Dots in Ionic Liquids by Employing a Luminescent Hybrid of the Two. <i>Journal of Physical Chemistry C</i> , <b>2012</b> , 116, 20643-20650	3.8	10
110	Differential effect of cholesterol and its biosynthetic precursors on membrane dipole potential. <i>Biophysical Journal</i> , <b>2012</b> , 102, 1561-9	2.9	62
109	What determines the rate of excited-state intramolecular electron-transfer reaction of 4-(N,N'-dimethylamino)benzonitrile in room temperature ionic liquids? A study in [bmim][PF <sub>6</sub> ]. <i>ChemPhysChem</i> , <b>2012</b> , 13, 1956-61	3.2	11
108	Diffusion of organic dyes in bovine serum albumin solution studied by fluorescence correlation spectroscopy. <i>RSC Advances</i> , <b>2012</b> , 2, 6079	3.7	23
107	Synthesis, structure and luminescence behaviour of a mononuclear cadmium(II) dicyanamide and a coordination polymer of mercury(II) dicyanamide containing 2,2'-dipyridylamine (dpaH) as end-capping ligand/anion of dpaH as binucleating bridge. Variance in coordination numbers, nuclearities and architectures with metal ion templates. <i>Inorganica Chimica Acta</i> , <b>2011</b> , 367, 199-206	2.7	8
106	Laser flash photolysis study on 9-phenylxanthenium tetrafluoroborate: Identification of new features due to the triplet state. <i>Journal of Chemical Sciences</i> , <b>2011</b> , 123, 15-20	1.8	
105	Fluorescence quenching of CdS quantum dots by 4-azetidiny-7-nitrobenz-2-oxa-1,3-diazole: a mechanistic study. <i>ChemPhysChem</i> , <b>2011</b> , 12, 2735-41	3.2	28

104	Dual fluorescence of ellipticine: excited state proton transfer from solvent versus solvent mediated intramolecular proton transfer. <i>Journal of Physical Chemistry A</i> , <b>2011</b> , 115, 9217-25	2.8	28
103	Folding and unfolding movements in a [2]pseudorotaxane. <i>Journal of Organic Chemistry</i> , <b>2011</b> , 76, 138-44.2		39
102	Fluorescence Probing of the Physicochemical Characteristics of the Room Temperature Ionic Liquids. <i>Springer Series on Fluorescence</i> , <b>2011</b> , 65-89	0.5	3
101	Solvation Dynamics in Ionic Liquids: What We Have Learned from the Dynamic Fluorescence Stokes Shift Studies. <i>Journal of Physical Chemistry Letters</i> , <b>2010</b> , 1, 1557-1562	6.4	180
100	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> , <b>2010</b> , 114, 9195-200	3.4	45
99	Fluorescence response of 4-(N,N'-dimethylamino)benzonitrile 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> , <b>2010</b> , 114, 1867-71	3.4	42
98	Spectroscopic and theoretical investigations on effective and selective interaction of fullerenes C60 and C70 with a derivatized Zn-phthalocyanine: stabilization of charge-recombined state by side-on approach of C70. <i>Journal of Physical Chemistry A</i> , <b>2010</b> , 114, 5544-50	2.8	34
97	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> , <b>2010</b> , 12, 7671-7	3.6	52
96	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> , <b>2009</b> , 121, 309-315	1.8	15
95	Solvation dynamics of a surfactant probe in mesostructured silica-surfactant nanocomposites. <i>Chemical Physics Letters</i> , <b>2009</b> , 469, 71-75	2.5	4
94	Probing the aggregated state of 4-(9-anthryl)-N,N-dimethylaniline by UV-vis absorption and fluorescence spectroscopy, microscopy, and crystallography. <i>Journal of Physical Chemistry B</i> , <b>2009</b> , 113, 15189-95	3.4	8
93	Interaction of bovine serum albumin with dipolar molecules: fluorescence and molecular docking studies. <i>Journal of Physical Chemistry B</i> , <b>2009</b> , 113, 2143-50	3.4	119
92	Free volume dependence of the internal rotation of a molecular rotor probe in room temperature ionic liquids. <i>Journal of Physical Chemistry B</i> , <b>2008</b> , 112, 16626-32	3.4	67
91	Excited-state proton-transfer dynamics of 7-hydroxyquinoline in room temperature ionic liquids. <i>Journal of Physical Chemistry B</i> , <b>2008</b> , 112, 10101-6	3.4	99
90	Effect of nonpolar solvents on the solute rotation and solvation dynamics in an imidazolium ionic liquid. <i>Journal of Physical Chemistry B</i> , <b>2008</b> , 112, 947-53	3.4	57
89	Polarity dependence of the radiative and nonradiative rates of flavone derivatives comprising structurally similar amino moieties: change in the nature of the emitting state. <i>Journal of Physical Chemistry A</i> , <b>2008</b> , 112, 3302-10	2.8	5
88	Mechanism of interaction of a flavone derivative with halides: Basis set dependence of the theoretical results. <i>Computational and Theoretical Chemistry</i> , <b>2008</b> , 863, 111-116		2
87	Charge-transfer-induced twisting of the nitro group. <i>Journal of Physical Chemistry A</i> , <b>2007</b> , 111, 6122-6	2.8	22

86	Laser flash photolysis study of the aminophthalimide derivatives: Elucidation of the nonradiative deactivation route. <i>Chemical Physics Letters</i> , <b>2007</b> , 442, 316-321	2.5	11
85	Ratiometric fluorescence signalling of fluoride ions by an amidophthalimide derivative. <i>Journal of Chemical Sciences</i> , <b>2007</b> , 119, 91-97	1.8	14
84	Molecule matters <b>2007</b> , 12, 79-85		3
83	Photoinduced electron transfer reaction in room temperature ionic liquids: a combined laser flash photolysis and fluorescence study. <i>Journal of Physical Chemistry B</i> , <b>2007</b> , 111, 1957-62	3.4	105
82	Solute rotation and solvation dynamics in an alcohol-functionalized room temperature ionic liquid. <i>Journal of Physical Chemistry B</i> , <b>2007</b> , 111, 4724-31	3.4	132
81	Photophysical and density functional studies of the interaction of a flavone derivative with the halides. <i>Journal of Physical Chemistry B</i> , <b>2007</b> , 111, 7027-33	3.4	19
80	Optical absorption and fluorescence studies on imidazolium ionic liquids comprising the bis(trifluoromethanesulphonyl)imide anion. <i>Journal of Chemical Sciences</i> , <b>2006</b> , 118, 335-340	1.8	50
79	pH-Regulated Off-On Fluorescence signalling of d-block metal ions in aqueous media and realization of molecular IMP logic function. <i>New Journal of Chemistry</i> , <b>2006</b> , 30, 1557-1560	3.6	19
78	Long and Short Brick Network Architecture: Role of Water Molecules Acting as Three-Connecting Spacers. <i>Crystal Growth and Design</i> , <b>2006</b> , 6, 360-362	3.5	6
77	Charge resonance character in the charge transfer state of bianthrils: effect of symmetry breaking on time-resolved near-IR absorption spectra. <i>Journal of Physical Chemistry A</i> , <b>2006</b> , 110, 4291-5	2.8	25
76	A new strategy for ratiometric fluorescence detection of transition metal ions. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 6437-40	3.4	132
75	Dynamic Stokes shift and excitation wavelength dependent fluorescence of dipolar molecules in room temperature ionic liquids. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 13704-16	3.4	326
74	A colorimetric chemosensor for both fluoride and transition metal ions based on dipyrrolyl derivative. <i>Dalton Transactions</i> , <b>2006</b> , 795-801	4.3	54
73	Room Temperature Ionic Liquids as Media for Photophysical Studies. <i>Journal of the Chinese Chemical Society</i> , <b>2006</b> , 53, 247-252	1.5	8
72	Tuning the size and optical properties in molecular nano/microcrystals: manifestation of hierarchical interactions. <i>Small</i> , <b>2006</b> , 2, 650-9	11	72
71	Synthesis and structure of unusually stable linear copper(I) complexes with blue fluorescence. <i>Polyhedron</i> , <b>2006</b> , 25, 2269-2276	2.7	11
70	Excitation wavelength dependent fluorescence behavior of the room temperature ionic liquids and dissolved dipolar solutes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2006</b> , 182, 113-120	4.7	109
69	A highly selective Off-On fluorescence chemosensor for Cr(III). <i>Tetrahedron Letters</i> , <b>2006</b> , 47, 7575-7578	2	106

68	Fluorescence response of mono- and tetraazacrown derivatives of 4-aminophthalimide with and without some transition and post transition metal ions. <i>Journal of Materials Chemistry</i> , <b>2005</b> , 15, 2854		4
67	Calix[4]azacrown and 4-aminophthalimide-appended calix[4]azacrown: synthesis, structure, complexation and fluorescence signaling behaviour. <i>Organic and Biomolecular Chemistry</i> , <b>2005</b> , 3, 1428-34 <sup>9</sup>		33
66	Fluorescence studies in a pyrrolidinium ionic liquid: polarity of the medium and solvation dynamics. <i>Journal of Physical Chemistry B</i> , <b>2005</b> , 109, 15172-7	3.4	109
65	A two-dimensional chromogenic sensor as well as fluorescence inverter: selective detection of copper(II) in aqueous medium. <i>New Journal of Chemistry</i> , <b>2005</b> , 29, 1007	3.6	57
64	Influence of Structure on the Unusual Spectral Behavior of 4-Dialkylamino-1,8-naphthalimide. <i>Chemistry Letters</i> , <b>2005</b> , 34, 722-723	1.7	15
63	How transparent are the imidazolium ionic liquids? A case study with 1-methyl-3-butylimidazolium hexafluorophosphate, [bmim][PF <sub>6</sub> ]. <i>Chemical Physics Letters</i> , <b>2005</b> , 402, 375-379	2.5	208
62	Photophysical and transition metal ion signaling properties of some 4-amino-1,8-naphthalimide derivatives. <i>Research on Chemical Intermediates</i> , <b>2005</b> , 31, 25-38	2.8	12
61	Fluorescence studies in environmentally benign solvents: solvation dynamics of Coumarin 102 in [BMIM][BF <sub>4</sub> ]. <i>Research on Chemical Intermediates</i> , <b>2005</b> , 31, 575-583	2.8	21
60	On the optical properties of the imidazolium ionic liquids. <i>Journal of Physical Chemistry B</i> , <b>2005</b> , 109, 9148-53	3.4	318
59	Multiple Logical Access with a Single FluorophoreSpacerReceptor System: Realization of Inhibit (INH) Logic Function. <i>European Journal of Organic Chemistry</i> , <b>2005</b> , 2005, 4967-4970	3.2	35
58	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> , <b>2005</b> , 10, 496-508	3.7	22
57	In situ reduction of copper(II) forming an unusually air stable linear complex of copper(I) with a fluorescent tag. <i>Inorganic Chemistry</i> , <b>2004</b> , 43, 6890-2	5.1	26
56	Solvation dynamics of Nile Red in a room temperature ionic liquid using streak camera. <i>Physical Chemistry Chemical Physics</i> , <b>2004</b> , 6, 3106	3.6	94
55	Excitation-Wavelength-Dependent Fluorescence Behavior of Some Dipolar Molecules in Room-Temperature Ionic Liquids. <i>Journal of Physical Chemistry A</i> , <b>2004</b> , 108, 9048-9053	2.8	209
54	10,10'-Dibromo-9,9'-bianthryl. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2003</b> , 59, o1764-o1765 <sup>3</sup>		
53	Structure of a self-assembled chain of water molecules in a crystal host. <i>Angewandte Chemie - International Edition</i> , <b>2003</b> , 42, 1741-3	16.4	216
52	Intramolecular excimer formation kinetics in room temperature ionic liquids. <i>Chemical Physics Letters</i> , <b>2003</b> , 376, 638-645	2.5	50
51	Evidence of Ground-State Proton-Transfer Reaction of 3-Hydroxyflavone in Neutral Alcoholic Solvents. <i>Journal of Physical Chemistry A</i> , <b>2003</b> , 107, 6334-6339	2.8	125



50	Dynamics of Solvation of the Fluorescent State of Some Electron Donor-Acceptor Molecules in Room Temperature Ionic Liquids, [BMIM][(CF <sub>3</sub> SO <sub>2</sub> ) <sub>2</sub> N] and [EMIM][(CF <sub>3</sub> SO <sub>2</sub> ) <sub>2</sub> N]. <i>Journal of Physical Chemistry A</i> , <b>2003</b> , 107, 7340-7346	2.8	174
49	Interaction between a pyridyl and a naphthyl/pyrenyl moiety in covalently linked systems. <i>Chemical Physics Letters</i> , <b>2002</b> , 351, 61-70	2.5	12
48	Excited State Structure of N-(4-cyanophenyl)carbazole by Time-Resolved Infrared Absorption Spectroscopy. <i>Chemistry Letters</i> , <b>2002</b> , 31, 340-341	1.7	2
47	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> , <b>2002</b> , 106, 4763-4774	2.8	160
46	Redox switchable NIR dye derived from ruthenium-dioxolene-porphyrin systems. <i>Chemical Communications</i> , <b>2002</b> , 2648-9	5.8	13
45	Solvation Dynamics of Coumarin-153 in a Room-Temperature Ionic Liquid. <i>Journal of Physical Chemistry A</i> , <b>2002</b> , 106, 4447-4452	2.8	253
44	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> , <b>2002</b> , 106, 5572-5577	3.4	55
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42	Steady-State and Time-Resolved Fluorescence Behavior of C153 and PRODAN in Room-Temperature Ionic Liquids. <i>Journal of Physical Chemistry A</i> , <b>2002</b> , 106, 6670-6675	2.8	187
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40	Nature of the Fluorescent State of N-arylcabazole Derivatives as Derived from Directly Measured Values of the Excited State Dipole Moment. <i>Journal of Physical Chemistry A</i> , <b>2001</b> , 105, 5438-5441	2.8	11
39	Photochemical E (trans)→Z (cis) isomerization in substituted 1-naphthylacrylates. <i>Journal of Organic Chemistry</i> , <b>2001</b> , 66, 681-8	4.2	21
38	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> , <b>2001</b> , 123, 3809-17	16.4	21
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36	Excited State Dipole Moment of PRODAN as Determined from Transient Dielectric Loss Measurements. <i>Journal of Physical Chemistry A</i> , <b>2000</b> , 104, 8972-8975	2.8	74
35	Excited-State Dipole Moment of 7-Aminocoumarins as Determined from Time-Resolved Microwave Dielectric Absorption Measurements. <i>Journal of Physical Chemistry A</i> , <b>2000</b> , 104, 8577-8582	2.8	60
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31	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> , <b>1999</b> , 103, 2906-2911	3.4	85
30	How important is the quenching influence of the transition metal ions in the design of fluorescent PET sensors?. <i>Chemical Physics Letters</i> , <b>1998</b> , 290, 9-16	2.5	38
29	4-Aminophthalimide Derivatives as Environment-Sensitive Probes. <i>Journal of Fluorescence</i> , <b>1998</b> , 8, 405-410	4.10	70
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19	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> , <b>1994</b> , 84, 19-26	4.7	32
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16	Quenching of fullerene triplets by stable nitroxide radicals. <i>Chemical Physics Letters</i> , <b>1992</b> , 199, 635-639	2.5	24
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7	Interaction of two $\pi$ -electron systems: spectroscopy of 9,10-dihydroanthracene. <i>The Journal of Physical Chemistry</i> , <b>1987</b> , 91, 4671-4675		10
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4	Excited-state proton transfer kinetics of carbazole. <i>Chemical Physics Letters</i> , <b>1985</b> , 121, 507-512	2.5	34
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2	Highly Luminescent and Phase-Stable Red/NIR-Emitting All-Inorganic and Hybrid Perovskite Nanocrystals. <i>ACS Energy Letters</i> , 3780-3787	20.1	6
1	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. <i>Journal of Physical Chemistry C</i> ,	3.8	2