

Frdric Fages

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.

154
papers

4,690
citations

36
h-index

62
g-index

168
ext. papers

5,013
ext. citations

5.1
avg, IF

5.34
L-index

#	Paper	IF	Citations
154	Spontaneous exciton dissociation enables spin state interconversion in delayed fluorescence organic semiconductors. <i>Nature Communications</i> , 2021 , 12, 6640	17.4	5
153	Effect of the electron donating group on the excited-state electronic nature and epsilon-near-zero properties of curcuminoid-borondifluoride dyes.. <i>RSC Advances</i> , 2021 , 11, 38247-38257	3.7	0
152	Access to Fluorenones Using Benzocyclopentynone Surrogate as Partner for the [2 + 2 + 2] Cycloaddition Reaction. <i>Organic Letters</i> , 2020 , 22, 1894-1898	6.2	6
151	Exciton Interactions, Excimer Formation, and [2+2] Photodimerization in Nonconjugated Curcuminoid-BF Dimers. <i>Chemistry - A European Journal</i> , 2020 , 26, 3818-3828	4.8	0
150	Optical spin-dependent beam separation in cyclic group symmetric metasurface. <i>Nanophotonics</i> , 2020 , 9, 3459-3471	6.3	3
149	Influence of halogen substitution on aggregation-induced near infrared emission of borondifluoride complexes of 2'-hydroxychalcones. <i>Materials Chemistry Frontiers</i> , 2019 , 3, 86-92	7.8	5
148	Intramolecular electron transfer in Cu(II) complexes with aryl-imidazo-1,10-phenanthroline derivatives: experimental and quantum chemical calculation studies. <i>New Journal of Chemistry</i> , 2019 , 43, 2817-2827	3.6	15
147	A solvent-free and vacuum-free melt-processing method to fabricate organic semiconducting layers with large crystal size for organic electronic applications. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 3190-3198	7.1	12
146	Donor-Acceptor Distance-Dependent Charge Transfer Dynamics Controlled by Metamaterial Structures. <i>ACS Photonics</i> , 2019 , 6, 2649-2654	6.3	5
145	Blue-Shifting Intramolecular Charge Transfer Emission by Nonlocal Effect of Hyperbolic Metamaterials. <i>Nano Letters</i> , 2018 , 18, 1476-1482	11.5	21
144	High-efficiency electroluminescence and amplified spontaneous emission from a thermally activated delayed fluorescent near-infrared emitter. <i>Nature Photonics</i> , 2018 , 12, 98-104	33.9	287
143	Searching for new borondifluoride β -diketonate complexes with enhanced absorption/emission properties using ab initio tools. <i>Dyes and Pigments</i> , 2018 , 155, 59-67	4.6	12
142	Optical properties of quadrupolar and bi-quadrupolar dyes: intra and inter chromophoric interactions. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 24623-24632	3.6	10
141	Near-Infrared Electroluminescence and Low Threshold Amplified Spontaneous Emission above 800 nm from a Thermally Activated Delayed Fluorescent Emitter. <i>Chemistry of Materials</i> , 2018 , 30, 6702-6710	9.6	72
140	Noncontact AFM and differential reflectance spectroscopy joint analyses of bis-pyrenyl thin films on bulk insulators: Relationship between structural and optical properties. <i>Physical Review B</i> , 2018 , 97,	3.3	2
139	P-type semiconductor surfactant modified zinc oxide nanorods for hybrid bulk heterojunction solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2017 , 159, 608-616	6.4	15
138	Influence of the electron donor groups on the optical and electrochemical properties of borondifluoride complexes of curcuminoid derivatives: a joint theoretical and experimental study. <i>RSC Advances</i> , 2017 , 7, 10132-10142	3.7	22

137	Ethynylene-analogues of hemicurcuminoids: Synthesis and ground- and excited properties of their boron difluoride complexes. <i>Dyes and Pigments</i> , 2017 , 141, 38-47	4.6	6
136	Synthesis of Bioinspired Curcuminoid Small Molecules for Solution-Processed Organic Solar Cells with High Open-Circuit Voltage. <i>ACS Energy Letters</i> , 2017 , 2, 1303-1307	20.1	25
135	Boron difluoride hemicurcuminoid as an efficient far red to near-infrared emitter: toward OLEDs and laser dyes. <i>Chemical Communications</i> , 2017 , 53, 7003-7006	5.8	62
134	Adsorption and Growth of Bis-pyrene Molecular Layers on Au(111) Studied by STM. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 7214-7220	3.8	5
133	Effect of Methoxy Substitution on Supramolecular Arrangement of Borondifluorides of 2'-Hydroxy Chalcones and their Solid-State NIR Fluorescence. <i>Croatica Chemica Acta</i> , 2017 , 90,	0.8	3
132	Structure-charge transfer property relationship in self-assembled discotic liquid-crystalline donor-acceptor dyad and triad thin films. <i>RSC Advances</i> , 2016 , 6, 57811-57819	3.7	15
131	Optical and morphological properties of thin films of bis-pyrenyl π -conjugated molecules. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 5299-305	3.6	6
130	Synthesis, electrochemical and photophysical studies of the borondifluoride complex of a meta-linked biscurcuminoid. <i>New Journal of Chemistry</i> , 2016 , 40, 1297-1305	3.6	13
129	Borondifluoride complexes of hemicurcuminoids as bio-inspired push-pull dyes for bioimaging. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 1311-24	3.9	36
128	Electronic energy and electron transfer processes in photoexcited donor-acceptor dyad and triad molecular systems based on triphenylene and perylene diimide units. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 7875-87	3.6	29
127	Theoretical and Experimental Study on Boron π -Diketonate Complexes with Intense Two-Photon-Induced Fluorescence in Solution and in the Solid State. <i>ChemPhysChem</i> , 2016 , 17, 2128-36	3.2	14
126	Boron Difluoride Curcuminoid Fluorophores with Enhanced Two-Photon Excited Fluorescence Emission and Versatile Living-Cell Imaging Properties. <i>Chemistry - A European Journal</i> , 2016 , 22, 5219-32	4.8	62
125	Cation-dependent structural diversity of zinc(II), calcium(II) mono- and binuclear complexes of aryl-imidazo-1,10-phenanthroline derivatives. <i>Inorganica Chimica Acta</i> , 2016 , 445, 103-109	2.7	1
124	Laser-induced forward transfer of a bis-pyrene compound for OTFTs. <i>Applied Surface Science</i> , 2015 , 336, 133-137	6.7	1
123	Thermal behaviour and thin film properties of a bis-pyrene compound for organic thin film transistor applications. <i>Synthetic Metals</i> , 2015 , 209, 29-33	3.6	4
122	Tuning the Direction of Intramolecular Charge Transfer and the Nature of the Fluorescent State in a T-Shaped Molecular Dyad. <i>Journal of Physical Chemistry A</i> , 2015 , 119, 6283-95	2.8	26
121	Tuning solid-state emission properties of pyrene-containing chalcone derivatives. <i>Tetrahedron</i> , 2015 , 71, 2255-2259	2.4	19
120	Boron difluoride complexes of 2'-hydroxychalcones and curcuminoids as fluorescent dyes for photonic applications. <i>Advances in Natural Sciences: Nanoscience and Nanotechnology</i> , 2015 , 6, 015009	1.6	6

119	NIR Emission in Borondifluoride Complexes of 2'-Hydroxychalcone Derivatives Containing an Acetonaphthone Ring. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 11906-11918	3.8	22
118	CH ₃ BF ₂ O ₂ Interactions in Crystals: A Case for Boron Hydrogen Bonding?. <i>Crystal Growth and Design</i> , 2014 , 14, 3700-3703	3.5	8
117	Influence of pyrene grafting on PMMA nanosecond laser ablation at 248 nm. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 41-8	9.5	5
116	Two-photon excited fluorescence of BF ₂ complexes of curcumin analogues: toward NIR-to-NIR fluorescent organic nanoparticles. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 5208-5215	7.1	54
115	Solution-processed bulk heterojunction solar cells based on BF(2)-hydroxychalcone complexes. <i>Chemical Communications</i> , 2013 , 49, 3555-7	5.8	23
114	Synthesis and photophysical properties of difluoroboron complexes of curcuminoid derivatives bearing different terminal aromatic units and a meso-aryl ring. <i>Journal of Organic Chemistry</i> , 2013 , 78, 4446-55	4.2	75
113	Boron difluoride complexes of 3-hydroxyflavone derivatives: efficient bioinspired dyes for solution and solid-state emission. <i>Photochemical and Photobiological Sciences</i> , 2013 , 12, 500-10	4.2	20
112	Nanosecond laser-induced periodic surface structuring of cross-linked azo-polymer films. <i>Applied Surface Science</i> , 2013 , 282, 880-886	6.7	7
111	Photoswitching in azobenzene self-assembled monolayers capped on zinc oxide: nanodots vs nanorods. <i>Journal of Colloid and Interface Science</i> , 2012 , 367, 109-14	9.3	7
110	Toward n-channel organic thin film transistors based on a distyryl-bithiophene derivatives. <i>Tetrahedron</i> , 2012 , 68, 4664-4671	2.4	5
109	Laser printing of a semiconducting oligomer as active layer in organic thin film transistors: Impact of a protecting triazene layer. <i>Thin Solid Films</i> , 2012 , 520, 3043-3047	2.2	31
108	Supramolecular control of photochemical and electrochemical properties of two oligothiophene derivatives at the air/water interface. <i>Journal of Physical Chemistry B</i> , 2012 , 116, 1482-90	3.4	16
107	Laser printing of air-stable high performing organic thin film transistors. <i>Organic Electronics</i> , 2012 , 13, 2035-2041	3.5	23
106	Efficient NIR-light emission from solid-state complexes of boron difluoride with 2'-hydroxychalcone derivatives. <i>Chemistry - A European Journal</i> , 2012 , 18, 12764-72	4.8	81
105	Confocal Laser Scanning Microscopy: A Versatile Spectroscopic Tool for the Investigation of Molecular Gels 2012 , 607-627		2
104	Co-grafting of porphyrins and fullerenes on ZnO nanorods: towards supramolecular donor-acceptor assembly. <i>Journal of Colloid and Interface Science</i> , 2012 , 386, 268-76	9.3	15
103	Effect of molecular structure on bias stress effect in organic thin-film transistors. <i>Applied Surface Science</i> , 2011 , 257, 9386-9389	6.7	6
102	Top gate copper phthalocyanine thin film transistors with laser-printed dielectric. <i>Synthetic Metals</i> , 2011 , 161, 888-893	3.6	8

101	Ambipolar organic field-effect transistors based on CuPc and F16CuPc: Impact of the fine microstructure at organic/organic interface. <i>Synthetic Metals</i> , 2011 , 161, 1915-1920	3.6	21
100	Hybrid Heterojunction Nanorods for Nanoscale Controlled Morphology in Bulk Heterojunction Solar Cells. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 10881-10888	3.8	28
99	Multilayer laser printing for Organic Thin Film Transistors. <i>Applied Surface Science</i> , 2011 , 257, 5152-5155.6.7		16
98	Functionalization of zinc oxide nanorods with diarylethene-based photochromic compounds. <i>Dyes and Pigments</i> , 2011 , 89, 266-270	4.6	9
97	Improvement in semiconductor laser printing using a sacrificial protecting layer for organic thin-film transistors fabrication. <i>Applied Surface Science</i> , 2011 , 257, 5245-5249	6.7	15
96	Acetylenic spacers in phenylene end-substituted oligothiophene core for highly air-stable organic field-effect transistors. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 3845-51	3.6	16
95	Hybrid Bulk Heterojunction Solar Cells Based on P3HT and Porphyrin-Modified ZnO Nanorods. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 11273-11278	3.8	87
94	Metal ion modulated torsion angle in a ditopic oligothiophene ligand: toward supramolecular control of π -conjugation. <i>ChemPhysChem</i> , 2010 , 11, 3152-60	3.2	8
93	Comparison of p-channel transistors based on π -hexyl-distyryl-bithiophene prepared using various film deposition methods. <i>Thin Solid Films</i> , 2010 , 518, 5311-5320	2.2	8
92	Shelf-life time test of p- and n-channel organic thin film transistors using copper phthalocyanines. <i>Thin Solid Films</i> , 2010 , 518, 5593-5598	2.2	25
91	Core-cyanated distyryl-bithiophene: Synthesis and impact on charge transport in field-effect transistors. <i>Thin Solid Films</i> , 2010 , 519, 578-586	2.2	9
90	All solution processed flexible ammonia gas and light sensors based on π -hexyl-distyrylbithiophene films. <i>Sensors and Actuators B: Chemical</i> , 2010 , 151, 77-82	8.5	14
89	Oligothiophene self-assembly on the surface of ZnO nanorods: toward coaxial p-n hybrid heterojunctions. <i>ChemPhysChem</i> , 2009 , 10, 2465-70	3.2	22
88	Novel crown-containing 3-styryl derivatives of oligothiophenes: synthesis, structure, and optical and electrochemical characteristics. <i>Russian Chemical Bulletin</i> , 2009 , 58, 1509-1515	1.7	7
87	Design, synthesis and electrochemical properties of a thiophene derivative functionalized with a siderophore-like chelator. <i>Journal of Electroanalytical Chemistry</i> , 2009 , 626, 42-46	4.1	8
86	p-Type and n-type quaterthiophene based semiconductors for thin film transistors operating in air?. <i>Current Applied Physics</i> , 2009 , 9, 26-33	2.6	12
85	Liquid Crystal π -Hexyl-Distyryl-Bithiophene: Morphology and Charge Transport Properties in Organic Thin Film Transistors. <i>Molecular Crystals and Liquid Crystals</i> , 2009 , 507, 178-187	0.5	4
84	Dye-adsorption-induced gelation of suspensions of spherical and rodlike zinc oxide nanoparticles in organic solvents. <i>Langmuir</i> , 2009 , 25, 8473-9	4	11

83	Influence of Phenyl Perfluorination on Charge Transport Properties of Distyryl-Oligothiophenes in Organic Field-Effect Transistors. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 1567-1574	3.8	22
82	Pulsed-laser printing of organic thin-film transistors. <i>Applied Physics Letters</i> , 2009 , 95, 1711-109	3.4	81
81	Inkjet printing of new photosensitive sensors based on organic thin films 2008 ,		1
80	Internally referenced analysis of charge-transfer reactions in a new ferrocenyl bithiophenic conducting polymer through cyclic voltammetry. <i>Chemical Communications</i> , 2008 , 6606-8	5.8	24
79	Solution Growth and Structures of Semiconducting Distyryl-Oligothiophene. <i>Molecular Crystals and Liquid Crystals</i> , 2008 , 491, 264-269	0.5	4
78	Comparative time resolved shadowgraphic imaging studies of nanosecond and picosecond laser transfer of organic materials 2008 ,		2
77	Minireview: From molecular nanowires to molecular nanocables: Synthetic strategies and conducting properties. <i>Comptes Rendus Chimie</i> , 2008 , 11, 1241-1253	2.7	23
76	Synthesis of electrochemical probes for nucleic acid detection. <i>Sensors and Actuators B: Chemical</i> , 2008 , 132, 439-442	8.5	10
75	Effect of end-substitutions of distyryl-oligothiophenes by hexyl chains on environmental stability in organic thin film transistors. <i>Organic Electronics</i> , 2008 , 9, 591-601	3.5	20
74	Synthesis and zinc(II) complexation modulated fluorescence emission properties of two pyrene-oligo(phenylene vinylene)-2,2'-bipyridine conjugated molecular rods. <i>New Journal of Chemistry</i> , 2007 , 31, 1013-1021	3.6	18
73	Thin-film structure of semiconducting end-capped oligothiophenes. <i>Journal of Physics: Conference Series</i> , 2007 , 83, 012026	0.3	1
72	Characterization of in-plane structures of vapor deposited thin-films of distyryl-oligothiophenes by grazing incidence x-ray diffractometry. <i>Crystal Research and Technology</i> , 2007 , 42, 1228-1231	1.3	3
71	Benzyl and tert-butyl carbamate derivatives of 1,β-amino acids as simple yet efficient gelators. <i>Tetrahedron</i> , 2007 , 63, 7482-7488	2.4	11
70	Synthesis, structures, and optical and electrochemical characteristics of novel crown-containing polythiophene systems. <i>Russian Chemical Bulletin</i> , 2007 , 56, 967-974	1.7	3
69	Charge transfer effects in organic field-effect transistors containing a donor/acceptor heterojunction. <i>Synthetic Metals</i> , 2007 , 157, 551-557	3.6	25
68	Investigation of crown-containing styrylthiophene derivatives which are optically and electrochemically sensitive to the presence of metal cations. <i>Synthetic Metals</i> , 2007 , 157, 885-893	3.6	10
67	Metal coordination to assist molecular gelation. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 1680-2	16.4	257
66	Durch Metallkoordination zu molekularen Gelen!. <i>Angewandte Chemie</i> , 2006 , 118, 1710-1712	3.6	53

65	Epitaxial Relationships of Vapor Deposited Thin Films of Octithiophene on KBr (001). <i>Molecular Crystals and Liquid Crystals</i> , 2006 , 445, 35/[325]-41/[331]	0.5	
64	Synthesis and thin film electronic properties of two pyrene-substituted oligothiophene derivatives. <i>Journal of Materials Chemistry</i> , 2006 , 16, 2380		42
63	Design and synthesis of bismacrocylic hexaazatriphenylene derivatives. <i>Organic Letters</i> , 2006 , 8, 1311-46.2		21
62	Water-compatible electrogenerated poly(thiophenes) derived from linked EDOT-based bithiophenic precursors. <i>Electrochemistry Communications</i> , 2006 , 8, 533-538	5.1	10
61	Environmentally stable organic thin-films transistors: Terminal styryl vs central divinyl benzene building blocks for p-type oligothiophene semiconductors. <i>Organic Electronics</i> , 2006 , 7, 465-473	3.5	36
60	Design, synthesis and redox properties of two ferrocene-containing iron chelators. <i>Tetrahedron Letters</i> , 2006 , 47, 3371-3374	2	10
59	Electron Conducting and Magneto-Sensitive Gels 2006 , 793-815		2
58	Systematic design of amide- and urea-type gelators with tailored properties. <i>Topics in Current Chemistry</i> , 2005 , 256, 77-131		119
57	Cholesterol-based gelators. <i>Topics in Current Chemistry</i> , 2005 , 256, 39-76		137
56	Alpha,omega-distyryl oligothiophenes: high mobility semiconductors for environmentally stable organic thin film transistors. <i>Journal of the American Chemical Society</i> , 2005 , 127, 16346-7	16.4	119
55	Synthesis, electrochemical and photochromic behaviour of a series of (1,4-dithiafulven-6-yl)substituted 3H-naphtho[2,1-b]pyran derivatives. <i>Tetrahedron</i> , 2005 , 61, 423-428	2.4	16
54	Synthesis and Photophysical Properties of a Highly Fluorescent Ditopic Ligand Based on 1,6-Bis(ethynyl)pyrene as Central Aromatic Core. <i>European Journal of Organic Chemistry</i> , 2005 , 2005, 2684-2688	3.2	39
53	Highly Efficient Hybrid Solar Cells Based on an Octithiophene/CuAs Heterojunction. <i>Advanced Functional Materials</i> , 2005 , 15, 810-817	15.6	25
52	Polypyridine ligands with extended E-conjugation: highly tunable fluorophores. <i>Comptes Rendus Chimie</i> , 2005 , 8, 1204-1212	2.7	14
51	Characterization of PEDOT film functionalized with a series of automated synthesis ferrocenyl-containing oligonucleotides. <i>Tetrahedron</i> , 2005 , 61, 3947-3952	2.4	18
50	Metal-Containing Molecular Gels 2004 , 1-7		
49	Polymer interconnections for 3D-chip stacking technology: directional volume patterning of flexible substrates with conducting polymer wires. <i>Journal of Micromechanics and Microengineering</i> , 2004 , 14, 1618-1624	2	4
48	Gel-Layer-Assisted Directional Electropolymerization: A Versatile Method for High-Resolution Volume and Surface Patterning of Flexible Substrates with Conjugated Polymers. <i>Advanced Materials</i> , 2004 , 16, 1709-1712	24	5

47	Chiral Gelators Constructed from 11-Aminoundecanoic (AUDA), Lauric and Amino Acid Units. Synthesis, Gelling Properties and Preferred Gelation of Racemates vs. the Pure Enantiomers. <i>European Journal of Organic Chemistry</i> , 2004 , 2004, 4048-4059	3.2	54
46	Tunable fluorescence emission in pyrene-(2,2'-bipyridine) dyads containing phenylene-ethynylene bridges. <i>Photochemical and Photobiological Sciences</i> , 2004 , 3, 949-59	4.2	21
45	11-Aminoundecanoic acid: a versatile unit for the generation of low molecular weight gelators for water and organic solvents. <i>Chemical Communications</i> , 2004 , 190-1	5.8	43
44	Thixotropic organogels based on a simple N-hydroxyalkyl amide: rheological and aging properties. <i>Langmuir</i> , 2004 , 20, 3032-41	4	109
43	Structural Aspects of the Gelation Process Observed with Low Molecular Mass Organogelators. <i>Langmuir</i> , 2003 , 19, 2013-2020	4	93
42	Extending Excited-state Lifetimes by Interchromophoric Triplet-state Equilibration in a Pyrene-Ru(II)diimine Dyad System. <i>Supramolecular Chemistry</i> , 2003 , 15, 627-637	1.8	20
41	Salts of 4-Substituted Dipicolinic Acid Derivatives as Very Low Molecular Mass Gelators of Aqueous DMSO. <i>European Journal of Organic Chemistry</i> , 2002 , 2002, 2891-2893	3.2	6
40	A fluoropolymer containing organogelator: gelation of perfluorotriethylamine and isopropanol. <i>Tetrahedron</i> , 2002 , 58, 4049-4052	2.4	26
39	Photophysics of Re(I) and Ru(II) diimine complexes covalently linked to pyrene: contributions from intra-ligand charge transfer states. <i>Inorganic Chemistry</i> , 2002 , 41, 359-66	5.1	89
38	Multiaddressable Self-Assembling Organogelators Based on 2H-Chromene and N-Acyl-1,6-Amino Acid Units. <i>Langmuir</i> , 2002 , 18, 7096-7101	4	133
37	Flow-Induced Alignment of Fiberlike Supramolecular Self-Assemblies during Organogel Formation with Various Low Molecular Mass Organogelator/Solvent Systems. <i>Langmuir</i> , 2002 , 18, 7151-7153	4	47
36	Photoactive pyrene-containing receptors for transition-metal ions. <i>Pure and Applied Chemistry</i> , 2001 , 73, 411-414	2.1	10
35	Zinc(II)-operated intramolecular charge transfer fluorescence emission in pyrene-2,2'-bipyridine conjugated molecular rods. <i>Tetrahedron Letters</i> , 2001 , 42, 1665-1667	2	45
34	Rationales Design von niedermolekularen Organogelatoren: auf dem Weg zu einer Bibliothek von funktionellen N-Acyl-1,6-Aminosäure-Derivaten. <i>Angewandte Chemie</i> , 2001 , 113, 3266-3267	3.6	14
33	Rational Design of Low Molecular Mass Organogelators: Toward a Library of Functional N-Acyl-1,6-Amino Acid Derivatives. <i>Angewandte Chemie - International Edition</i> , 2001 , 40, 3164-3166	16.4	74
32	Intramolecular electronic energy transfer in a pyrene-labeled ruthenium(II)-trisbipyridine hemicage complex. <i>Inorganic Chemistry</i> , 2001 , 40, 6061-3	5.1	26
31	Ion-induced luminescence control in pyrene-tethered bipyridine ligand systems. <i>International Journal of Photoenergy</i> , 2001 , 3, 49-53	2.1	1
30	Tunable Photophysical Properties of Two 2,2'-Bipyridine-Substituted Pyrene Derivatives. <i>Journal of Physical Chemistry A</i> , 2000 , 104, 9408-9414	2.8	29

29	Remarkably simple small organogelators: di-n-alkoxy-benzene derivatives. <i>Tetrahedron Letters</i> , 1999 , 40, 9021-9024	2	27
28	Zinc(II)-driven Fluorescence Quenching of a Pyrene-labelled Bis-2,2'-bipyridine Ligand. <i>Journal of Chemical Research Synopses</i> , 1999 , 134-135		16
27	Synthesis and Solution Structure Analysis of a Bispyrenyl Bishydroxamate Calix[4]arene-Based Receptor, a Fluorescent Chemosensor for Cu ²⁺ and Ni ²⁺ Metal Ions. <i>Journal of Organic Chemistry</i> , 1999 , 64, 7034-7039	4.2	86
26	The use of a monoorganotin derivative of pyrene in the palladium(0)-catalyzed synthesis of a new metal-cation complexing molecule displaying excited state charge transfer properties. <i>Tetrahedron Letters</i> , 1998 , 39, 1179-1182	2	26
25	Metal-Induced Self-Assembly of a Pyrene-Tethered Hydroxamate Ligand for the Generation of Multichromophoric Supramolecular Systems. The Pyrene Excimer as Switch for Iron(III)-Driven Intramolecular Fluorescence Quenching. <i>Journal of the American Chemical Society</i> , 1998 , 120, 7511-7519	16.4	133
24	A trisbipyridine tripodal ligand as toluene gelator. Phasetransition-triggered binding of iron(ii). <i>Chemical Communications</i> , 1997 , 327-328	5.8	48
23	Sensitized luminescence emission of the europium(III) ion bound to a pyrene-containing triacid ligand. <i>Tetrahedron Letters</i> , 1997 , 38, 1381-1384	2	21
22	Fluorescent, Siderophore-Based Hydroxamate Chelators for the Detection of Transition-Metal Ions 1997 , 221-240		2
21	Fluorescent, Siderophore-Based Chelators. Design and Synthesis of a Trispyrenyl Trishydroxamate Ligand, an Intramolecular Excimer-Forming Sensing Molecule Which Responds to Iron(III) and Gallium(III) Metal Cations. <i>Journal of Organic Chemistry</i> , 1996 , 61, 3956-3961	4.2	52
20	Molecular, Crystal Structure and Fluorescence Emission Properties of Diprotonated 7,10,19,22-Tetraoxa-4,13-diaza[16.84,13](9,10)anthracenophane (A33.2H ⁺). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1996 , 52, 113-116		
19	Synthesis, metal binding, and fluorescence studies of a pyrene-tethered hydroxamic acid ligand. <i>Tetrahedron Letters</i> , 1995 , 36, 1451-1454	2	31
18	Models for the Pigment Organization in the Chlorosomes of Photosynthetic Bacteria: Diastereoselective Control of in-Vitro Bacteriochlorophyll <i>cs</i> Aggregation. [Erratum to document cited in CA122:76986]. <i>The Journal of Physical Chemistry</i> , 1995 , 99, 16194-16194		2
17	The Water Inclusion Complex of a Fluorescent Diprotonated Anthracenocryptand. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1995 , 51, 1218-1221		
16	Two 9,10-anthracenocryptand silver(I) nitrate complexes. Fluorescence modulated by Ag ⁺ as a function of the geometry of the complex. <i>Acta Crystallographica Section B: Structural Science</i> , 1995 , 51, 293-300		10
15	Equilibrium studies of selenite and selenate ions with the receptor complex formed by Cu ²⁺ and 1,4,7,13,16,19-hexaaza-10,22-dioxacyclotetracosane (OBISDIEN). <i>Inorganica Chimica Acta</i> , 1995 , 236, 189-196	2.7	4
14	Synthesis, Structural, Spectroscopic, and Alkali-Metal Cations Complexation Studies of a Bis-Anthracenediyl Macrotricyclic Ditopic Receptor. <i>Journal of Organic Chemistry</i> , 1994 , 59, 5264-5271	4.2	33
13	Linear molecular recognition: spectroscopic, photophysical, and complexation studies on .alpha.,.omega.-alkanediyl diammonium ions binding to a bisanthracenyl macrotricyclic receptor. <i>Journal of the American Chemical Society</i> , 1993 , 115, 3658-3664	16.4	53
12	Tunable Fluorescence of Some Macrocylic Anthracenophanes. <i>ACS Symposium Series</i> , 1993 , 59-73	0.4	4

11	Tunable photoresponsive supramolecular systems. <i>Pure and Applied Chemistry</i> , 1992 , 64, 1231-1238	2.1	57
10	PHOTOSTATIONARY FLUORESCENCE EMISSION AND TIME RESOLVED SPECTROSCOPY OF SYMMETRICALLY DISUBSTITUTED ANTHRACENES ON THE meso AND SIDE RINGS: THE UNUSUAL BEHAVIOR OF THE 1,4 DERIVATIVE*. <i>Photochemistry and Photobiology</i> , 1992 , 55, 349-358	3.6	30
9	A novel small molecular luminescent gelling agent for alcohols. <i>Journal of the Chemical Society Chemical Communications</i> , 1991 , 416-418		145
8	Characterization of light-harvesting pigments of <i>Chloroflexus aurantiacus</i> . Two new chlorophylls: oleyl (octadec-9-enyl) and cetyl (hexadecanyl) bacteriochlorophyllides-c. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1990 , 2791		58
7	Synthesis and fluorescence emission properties of a bis-anthracenyl macrotricyclic ditopic receptor. Crystal structure of its dinuclear rubidium cryptate. <i>Journal of the Chemical Society Chemical Communications</i> , 1990 , 655		34
6	Anthraceno-cryptands: a new class of cation-complexing macrobicyclic fluorophores. <i>Journal of the American Chemical Society</i> , 1989 , 111, 8672-8680	16.4	111
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4	The first intermolecular 9,10- π ,4 π photodimerization of the anthracene ring. <i>Journal of the Chemical Society Chemical Communications</i> , 1988 , 1413-1415		16
3	Solid State Interactions in Anthraceno-Cryptands and Crown-Ethers: X-Ray Structure Analysis and Fluorescence Emission of the Free Ligands and two of their Complexes. <i>Molecular Crystals and Liquid Crystals</i> , 1988 , 156, 383-392	0.5	5
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