

J Sergio Seixas De Melo

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.

197
papers

5,763
citations

43
h-index

66
g-index

209
ext. papers

6,160
ext. citations

4.1
avg. IF

5.51
L-index

#	Paper	IF	Citations
197	Ring-Fused -Tetraarylchlorins as Auspicious PDT Sensitizers: Synthesis, Structural Characterization, Photophysics, and Biological Evaluation.. <i>Frontiers in Chemistry</i> , 2022 , 10, 873245	5	1
196	Tryptanthrin derivatives as efficient singlet oxygen sensitizers. <i>Photochemical and Photobiological Sciences</i> , 2021 , 1	4.2	
195	Comprehensive Investigation of the Photophysical Properties of Alkynylcoumarin Gold(I) Complexes. <i>Journal of Physical Chemistry B</i> , 2021 , 125, 11751-11760	3.4	1
194	Aggregation-Induced Emission: From Small Molecules to Polymers-Historical Background, Mechanisms and Photophysics. <i>Topics in Current Chemistry</i> , 2021 , 379, 15	7.2	12
193	Phenomenological Understanding of Hematite Photoanode Performance. <i>Journal of Physical Chemistry C</i> , 2021 , 125, 8274-8284	3.8	1
192	Tuning the Behavior of a Hydrotalcite-Supported Sulfonated Bithiophene from Aggregation-Caused Quenching to Efficient Monomer Luminescence. <i>Journal of Physical Chemistry C</i> , 2021 , 125, 8294-8303	3.8	1
191	Red-Purple Photochromic Indigos from Green Chemistry: Mono-BOC or Di-BOC -Substituted Indigos Displaying Excited State Proton Transfer or Photoisomerization. <i>Journal of Physical Chemistry B</i> , 2021 , 125, 4108-4119	3.4	2
190	Tuning J-aggregate Formation and Emission Efficiency in Cationic Diazapentacenium Dyes. <i>Chemistry - A European Journal</i> , 2021 , 27, 7826-7830	4.8	4
189	Sulfonated tryptanthrin anolyte increases performance in pH neutral aqueous redox flow batteries. <i>Communications Chemistry</i> , 2021 , 4,	6.3	2
188	Cationic Diazapentacenium Polymers Made in a Sequence of C?N Cross Coupling Polymerization and Acid-Mediated Postpolymerization Cyclization. <i>Macromolecular Rapid Communications</i> , 2021 , 42, e2100370	4.8	
187	Polymeric near infrared emitters with bay-annulated indigo moieties. <i>Materials Advances</i> , 2021 , 2, 3736-3743	3.5	1
186	On the path to aqueous organic redox flow batteries: Alizarin red S alkaline negolyte. Performance evaluation and photochemical studies. <i>Journal of Molecular Liquids</i> , 2021 , 336, 116364	6	2
185	Fluorescence Studies on a Thermoresponsive PNIPAM-Polyfluorene Graft Copolymer. <i>Macromolecules</i> , 2021 , 54, 7612-7620	5.5	3
184	Transport and photophysical studies on porphyrin-containing sulfonated poly(etheretherketone) composite membranes. <i>Materials Today Communications</i> , 2021 , 29, 102781	2.5	1
183	Pigments from Eustigmatophyceae: an interesting class of microalgae for carotenoid production. <i>Journal of Applied Phycology</i> , 2021 , 33, 371-384	3.2	0
182	Novel fluorinated ring-fused chlorins as promising PDT agents against melanoma and esophagus cancer. <i>RSC Medicinal Chemistry</i> , 2021 , 12, 615-627	3.5	3
181	A novel, non-invasive, multi-purpose and comprehensive method to date inks in real handwritten documents based on the monitoring of the dye ageing processes. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2020 , 207, 104187	3.8	4

180	Restricted Aggregate Formation on Tetraphenylethene-Substituted Polythiophenes. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 13956-13965	3.8	8
179	Room-Temperature Phosphorescence and Efficient Singlet Oxygen Production by Cyclometalated Pt(II) Complexes with Aromatic Alkynyl Ligands. <i>Inorganic Chemistry</i> , 2020 , 59, 8220-8230	5.1	9
178	Luminescent halogen-substituted 2-(N-arylimino)pyrrolyl boron complexes: the internal heavy-atom effect. <i>Dalton Transactions</i> , 2020 , 49, 10185-10202	4.3	6
177	Photoresponsive N,N'-disubstituted indigo derivatives. <i>Dyes and Pigments</i> , 2020 , 176, 108197	4.6	5
176	Evaluation of the supramolecular interaction of Congo red with cucurbiturils using mass spectrometry and spectroscopic methods. <i>New Journal of Chemistry</i> , 2020 , 44, 2587-2596	3.6	3
175	Designing highly fluorescent, arylated poly(phenylene vinylene)s of intrinsic microporosity. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 2248-2257	7.1	6
174	Tryptanthrin from indigo: Synthesis, excited state deactivation routes and efficient singlet oxygen sensitization. <i>Dyes and Pigments</i> , 2020 , 175, 108125	4.6	3
173	Structure-relation properties of N-substituted phenothiazines in solution and solid state: Photophysical, photostability and aggregation-induced emission studies. <i>Journal of Molecular Liquids</i> , 2020 , 317, 113966	6	5
172	A water-soluble bithiophene with increased photoluminescence efficiency and metal recognition ability. <i>Dalton Transactions</i> , 2020 , 49, 12319-12326	4.3	1
171	I ₂ /NaH/DMF as oxidant trio for the synthesis of tryptanthrin from indigo or isatin. <i>Dyes and Pigments</i> , 2020 , 173, 107935	4.6	7
170	Deep in blue with green chemistry: influence of solvent and chain length on the behaviour of - and '-alkyl indigo derivatives. <i>Chemical Science</i> , 2020 , 12, 303-313	9.4	6
169	A comprehensive spectral, photophysical and electrochemical study of synthetic water-soluble acridones. A new class of pH and polarity sensitive fluorescent probes. <i>Dyes and Pigments</i> , 2019 , 166, 203-210	4.6	12
168	Characterization of 4-methylesculetin and of its mono- and di-methoxylated derivatives in water and organic solvents in its ground, singlet and triplet excited states. <i>Journal of Molecular Liquids</i> , 2019 , 278, 616-626	6	4
167	The molecules of colour and Art. Molecules with history and modern applications. <i>Photochemistry</i> , 2019 , 196-216	1.8	5
166	Comment on An Imperial radiation Experimental and theoretical investigations of the photo-induced luminescence properties of 6,6'-dibromoindigo (Tyrian purple) <i>Dyes and Pigments</i> , 2019 , 162, 704	4.6	
165	A comprehensive photophysical and NMR investigation on the interaction of a 4-methylumbelliferone derivative and cucurbit[7]uril. <i>Journal of Molecular Liquids</i> , 2019 , 277, 1026-1034	6	6
164	Advances on photodynamic therapy of melanoma through novel ring-fused 5,15-diphenylchlorins. <i>European Journal of Medicinal Chemistry</i> , 2018 , 146, 395-408	6.8	14
163	The molecules of color in Portuguese postage stamps (1857-1909). <i>Pure and Applied Chemistry</i> , 2018 , 90, 435-445	2.1	0

162	Interactions and Supramolecular Organization of Sulfonated Indigo and Thioindigo Dyes in Layered Hydroxide Hosts. <i>Langmuir</i> , 2018 , 34, 453-464	4	10
161	Alternating donor-acceptor indigo-cyclopentadithiophene copolymers: competition between excited state conformational relaxation, energy transfer and excited state proton transfer. <i>Materials Chemistry Frontiers</i> , 2018 , 2, 281-290	7.8	5
160	Cyclopentadithiophene derivatives: a step towards an understanding of thiophene copolymer excited state deactivation pathways. <i>Materials Chemistry Frontiers</i> , 2018 , 2, 149-156	7.8	8
159	Deactivation Routes in Gold(I) Polypyridyl Complexes: Internal Conversion Vs Fast Intersystem Crossing. <i>Inorganic Chemistry</i> , 2018 , 57, 13423-13430	5.1	14
158	Aggregation-Induced Emission in Phenothiazine-PE and PAN Polymers. <i>Macromolecules</i> , 2018 , 51, 8501-8512	5.5	28
157	Thioindigo, and sulfonated thioindigo derivatives as solvent polarity dependent fluorescent on-off systems. <i>Dyes and Pigments</i> , 2018 , 158, 259-266	4.6	12
156	Synthesis, structure and physical properties of luminescent Pr(III) β -diketonate complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017 , 172, 25-33	4.4	10
155	Excited-State Proton Transfer in Indigo. <i>Journal of Physical Chemistry B</i> , 2017 , 121, 2308-2318	3.4	44
154	Platinum(II) Ring-Fused Chlorins as Near-Infrared Emitting Oxygen Sensors and Photodynamic Agents. <i>ACS Medicinal Chemistry Letters</i> , 2017 , 8, 310-315	4.3	38
153	Insights into the Photophysics and Supramolecular Organization of Congo Red in Solution and the Solid State. <i>ChemPhysChem</i> , 2017 , 18, 564-575	3.2	15
152	Seeing is believing: A graphical reference framework for multi-criteria evaluation. <i>Evaluation</i> , 2017 , 23, 479-494	2.5	1
151	Reconstructing the historical synthesis of mauveine from Perkin and Caro: procedure and details. <i>Scientific Reports</i> , 2017 , 7, 6806	4.9	10
150	Photochemistry for Cultural Heritage. <i>Lecture Notes in Quantum Chemistry II</i> , 2016 , 499-530	0.6	7
149	Effect of substitution on the ultrafast deactivation of the excited state of benzo[b]thiophene-arylamines. <i>Photochemical and Photobiological Sciences</i> , 2016 , 15, 1029-38	4.2	8
148	Luminescent Properties of [UO ₂ (TFA) ₂ (DMSO) ₃], a Promising Material for Sensing and Monitoring the Uranyl Ion. <i>Materials Research</i> , 2016 , 19, 328-332	1.5	2
147	A novel biopolymeric photoinitiator based on chitosan and thioxanthone derivative: Synthesis, characterization and efficiency in photopolymerization. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016 , 327, 15-20	4.7	12
146	Probing metal cations with two new Schiff base bischromophoric pyrene based chemosensors: Synthesis, photophysics and interactions patterns. <i>Dyes and Pigments</i> , 2016 , 134, 601-612	4.6	4
145	Unusual photophysical properties of conjugated, alternating indigo-fluorene copolymers. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 6373-6382	13	23

144	Multifaceted Regioregular Oligo(thieno[3,4-b]thiophene)s Enabled by Tunable Quinoidization and Reduced Energy Band Gap. <i>Journal of the American Chemical Society</i> , 2015 , 137, 10357-66	16.4	47
143	Controlling the fluorescence behavior of 1-pyrenesulfonate by cointercalation with a surfactant in a layered double hydroxide. <i>Langmuir</i> , 2015 , 31, 4769-78	4	21
142	Polycarbazoles and polytriphenylamines showing aggregation-induced emission (AIE) and intramolecular charge transfer (ICT) behavior for the optical detection of nitroaromatic compounds. <i>Polymer</i> , 2015 , 76, 173-181	3.9	27
141	From molecular modelling to photophysics of neutral oligo- and polyfluorenes incorporated into phospholipid bilayers. <i>Soft Matter</i> , 2015 , 11, 303-17	3.6	6
140	Unsupervised characterization of research institutions with task-force estimation. <i>Journal of Informetrics</i> , 2015 , 9, 59-68	3.1	4
139	An Indigo Carmine-Based Hybrid Nanocomposite with Supramolecular Control of Dye Aggregation and Photobehavior. <i>Chemistry - A European Journal</i> , 2015 , 21, 12069-78	4.8	11
138	Unveiling the Eigen-Weller ion pair from the excited state proton transfer kinetics of 3-chloro-4-methyl-7-hydroxycoumarin. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 2604-10	3.4	10
137	Triplet states on π -conjugated polymers, oligomers and related materials. <i>Photochemistry</i> , 2015 , 83-102	1.8	4
136	From yellow to pink using a fluorimetric and colorimetric pyrene derivative and mercury (II) ions. <i>Dyes and Pigments</i> , 2014 , 110, 152-158	4.6	18
135	Highly ordered luminescent calix[4]azacrown films showing an emission response selective to volatile tetrahydrofuran. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 9012-9020	7.1	13
134	Spectroscopic and photophysical studies of a naphthalene-based emissive probe for metal cations. <i>Inorganic Chemistry Communication</i> , 2014 , 47, 27-32	3.1	4
133	The effect of polyaromatic hydrocarbons on the spectral and photophysical properties of diaryl-pyrrole derivatives: an experimental and theoretical study. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 18319-26	3.6	4
132	Modulating the Self-Assembly of Calix[4]azacrowns to Design Materials with Improved Emission and Stimuli-Responsive Behavior. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 13118-13125	3.8	11
131	Self-assembly of poly{1,4-phenylene-[9,9-bis(4-phenoxy-butylsulfonate)]fluorene-2,7-diyl} with oppositely charged phenylenevinylene oligoelectrolytes. <i>Journal of Physical Chemistry B</i> , 2014 , 118, 613-23	3.4	14
130	Perkin's and Caro's mauveine in Queen Victoria's lilac postage stamps: a chemical analysis. <i>Chemistry - A European Journal</i> , 2014 , 20, 1808-12	4.8	25
129	The first substituted macrocyclic ligand Py2N4S2 containing four naphthylmethylene pendant-armed groups: Synthesis and photophysical properties. <i>Inorganic Chemistry Communication</i> , 2013 , 36, 22-26	3.1	5
128	Maya Blue, an Ancient Guest-Host Pigment: Synthesis and Models. <i>Journal of Chemical Education</i> , 2013 , 90, 1493-1497	2.4	19
127	Triphenylamine-benzimidazole derivatives: synthesis, excited-state characterization, and DFT studies. <i>Journal of Organic Chemistry</i> , 2013 , 78, 11389-95	4.2	42

126	Donor-acceptor-donor thienyl/bithienyl-benzothiadiazole/quinoxaline model oligomers: experimental and theoretical studies. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 15204-13	3.6	48
125	Understanding the interaction between trivalent lanthanide ions and stereoregular polymethacrylates through luminescence, binding isotherms, NMR, and interaction with cetylpyridinium chloride. <i>Langmuir</i> , 2013 , 29, 14429-37	4	12
124	Brazilwood reds: the (photo)chemistry of brazilin and brazilein. <i>Journal of Physical Chemistry A</i> , 2013 , 117, 10650-60	2.8	18
123	Effect of the phospholipid chain length and head group on beta-phase formation of poly(9,9-dioctylfluorene) enclosed in liposomes. <i>Photochemistry and Photobiology</i> , 2013 , 89, 1471-8	3.6	2
122	Thio-Mayan-like Compounds: Excited State Characterization of Indigo Sulfur Derivatives in Solution and Incorporated in Palygorskite and Sepiolite Clays. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 603-614	3.8	19
121	Chain length dependent excited-state decay processes of diluted PF2/6 solutions. <i>Journal of Physical Chemistry B</i> , 2013 , 117, 7370-80	3.4	10
120	Steady-state and time-resolved investigations on pyrene-based chemosensors. <i>Inorganic Chemistry</i> , 2013 , 52, 121-9	5.1	32
119	Excited State Characterization and Energy Transfer in Hyperbranched Polytruxenes and Polytruxene-block-Polythiophene Multiblock Copolymers. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 3718-3728	3.8	8
118	Experimental Techniques for Excited State Characterisation 2013 , 533-585		12
117	Amplified Spontaneous Emission in Pentathienoacene Dioxides by Direct Optical Pump and by Energy Transfer: Correlation with Photophysical Parameters. <i>Advanced Optical Materials</i> , 2013 , 1, 588-599	8.1	9
116	βPhase Formation in Poly(9,9-dioctylfluorene) Promoted by Natural Lecithin Liposomes. <i>Journal of Colloid Science and Biotechnology</i> , 2013 , 2, 243-248		2
115	Excited state characterization of a polymeric indigo. <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 1778-83	3.6	17
114	Excited-state isomerization of leuco indigo. <i>Journal of Physical Chemistry A</i> , 2012 , 116, 2826-32	2.8	23
113	Spectroscopic properties, excitation, and electron transfer in an anionic water-soluble poly(fluorene-alt-phenylene)-perylene diimide copolymer. <i>Journal of Physical Chemistry B</i> , 2012 , 116, 7548-59	3.4	14
112	Excited-state dynamics and self-organization of poly(3-hexylthiophene) (P3HT) in solution and thin films. <i>Journal of Physical Chemistry B</i> , 2012 , 116, 2347-55	3.4	67
111	Energy transfer from fluorene-based conjugated polyelectrolytes to on-chain and self-assembled porphyrin units. <i>Journal of Polymer Science Part A</i> , 2012 , 50, 1408-1417	2.5	26
110	Synthesis of a Photochromic Fused 2H-Chromene Capable of Generating a Single Coloured Species. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 1768-1773	3.2	14
109	Novel emissive podands based on 8-OH-quinoline: Synthesis, fluorescence materials, DFT and complexation studies. <i>Inorganica Chimica Acta</i> , 2012 , 381, 218-228	2.7	11

108	Understanding optoelectronic properties of cyano-terminated oligothiophenes in the context of intramolecular charge transfer. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 10573-85	3.4	20
107	Preventing the formation of the long-lived colored transoid-trans photoisomer in photochromic benzopyrans. <i>Organic Letters</i> , 2011 , 13, 4040-3	6.2	33
106	Characterization of the singlet and triplet excited states of 3-chloro-4-methylumbelliferone. <i>Journal of Physical Chemistry A</i> , 2011 , 115, 8392-8	2.8	12
105	Photochromic and photophysical properties of new benzo- and naphtho[1,3]oxazine switches. <i>Photochemical and Photobiological Sciences</i> , 2011 , 10, 1346-54	4.2	13
104	Phase formation of poly(9,9-dioctylfluorene) induced by liposome phospholipid bilayers. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 5794-800	3.4	17
103	Picosecond dynamics of dimer formation in a pyrene labeled polymer. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 12439-47	3.4	30
102	Synthesis and characterization of the ground and excited states of tripodal-like oligothiophenyl-imidazoles. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 4964-72	3.4	24
101	Do [all]-S,S'-dioxide oligothiophenes show electronic and optical properties of oligoenes and/or of oligothiophenes?. <i>Journal of the American Chemical Society</i> , 2010 , 132, 6231-42	16.4	50
100	Dehydroindigo, the forgotten indigo and its contribution to the color of Maya Blue. <i>Journal of Physical Chemistry A</i> , 2010 , 114, 1699-708	2.8	53
99	The influence of the relative position of the thiophene and pyrrole rings in donor-acceptor thienylpyrrolyl-benzothiazole derivatives. A photophysical and theoretical investigation. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 9719-25	3.6	28
98	Characterization of the excited states of indigo derivatives in their reduced forms. <i>ChemPhysChem</i> , 2010 , 11, 1903-8	3.2	12
97	Cationic fluorene-thiophene diblock copolymers: Aggregation behaviour in methanol/water and its relation to thin film structures. <i>Polymer</i> , 2010 , 51, 1898-1903	3.9	32
96	Fast photochromic sterically hindered benzo[1,3]oxazines. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2010 , 216, 59-65	4.7	10
95	Identification of red colorants in van Gogh paintings and ancient Andean textiles by microspectrofluorimetry. <i>Journal of Cultural Heritage</i> , 2010 , 11, 27-34	2.9	53
94	Singlet Excitation Energy Harvesting and Triplet Emission in the Self-Assembled System Poly(1,4-phenylene-[9,9-bis(4-phenoxy-butylsulfonate)]fluorene-2,7-diyl} copolymer/tris(bipyridyl)ruthenium(II) in Aqueous Solution. <i>Advanced Materials</i> , 2009 , 21, 1155-1159	2.4	21
93	Synthesis, spectroscopy, nonlinear optics, and theoretical investigations of thienylethynyl octopoles with a tunable core. <i>Chemistry - A European Journal</i> , 2009 , 15, 8223-34	4.8	13
92	A resonance Rayleigh scattering study of unlabeled and pyrene-labeled poly(acrylic acid) polymers. <i>Journal of Molecular Structure</i> , 2009 , 920, 142-148	3.4	3
91	Complex formation between a fluorescently-labeled polyelectrolyte and a triblock copolymer. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 6205-14	3.4	15

90	Fluorescence behavior of a pyrene-end-capped poly(ethylene oxide) in organic solvents and in dioxane-water mixtures. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 618-26	3.4	25
89	Photophysical and spectroscopic investigations on (oligo)thiophene-arylene step-ladder copolymers. The interplay of conformational relaxation and on-chain energy transfer. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 15928-36	3.4	16
88	Association of a hydrophobically modified polyelectrolyte and a block copolymer followed by fluorescence techniques. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 6194-204	3.4	11
87	Alternating Binaphthylthiophene Copolymers: Synthesis, Spectroscopy, and Photophysics and Their Relevance to the Question of Energy Migration versus Conformational Relaxation. <i>Macromolecules</i> , 2009 , 42, 1710-1719	5.5	81
86	A comprehensive investigation of the electronic spectral and photophysical properties of conjugated naphthalene-thiophene oligomers. <i>Physical Chemistry Chemical Physics</i> , 2009 , 11, 8706-13	3.6	27
85	Synthesis, spectroscopy, photophysics and thermal behaviour of stilbene-based triarylamine with dehydroabiatic acid methyl ester moieties. <i>New Journal of Chemistry</i> , 2009 , 33, 877	3.6	9
84	Optical Properties of [all]-S,S-Dioxide Oligothiophenes. <i>Portugaliae Electrochimica Acta</i> , 2009 , 27, 533-537	3.4	2
83	Preparation and photophysical characterisation of ZnAl layered double hydroxides intercalated by anionic pyrene derivatives. <i>Journal of Materials Chemistry</i> , 2008 , 18, 894		65
82	Luminescence from cerium(III) acetate complexes in aqueous solution: considerations on the nature of carboxylate binding to trivalent lanthanides. <i>New Journal of Chemistry</i> , 2008 , 32, 1531	3.6	29
81	A photochemical study on the blue dye indigo: from solution to ancient Andean textiles. <i>Photochemical and Photobiological Sciences</i> , 2008 , 7, 1353-9	4.2	55
80	The use of microspectrofluorimetry for the characterization of lake pigments. <i>Talanta</i> , 2008 , 74, 922-9	6.2	81
79	Excited state properties of oligophenyl and oligothiophenyl swivel cruciforms. <i>Journal of Physical Chemistry B</i> , 2008 , 112, 1104-11	3.4	14
78	A spectroscopic study of the interaction of the fluorescent beta-carboline-3-carboxylic acid N-methylamide with DNA constituents: nucleobases, nucleosides and nucleotides. <i>Journal of Fluorescence</i> , 2008 , 18, 961-72	2.4	8
77	The effect of Cyclodextrin addition in the self-assembly behavior of pyrene labeled poly(acrylic acid) with different chain sizes. <i>Journal of Polymer Science Part A</i> , 2008 , 46, 1402-1415	2.5	11
76	Thiophenephenylene/naphthalene-based step-ladder copolymers. <i>Journal of Polymer Science Part A</i> , 2008 , 46, 7342-7353	2.5	10
75	A study in mauve: unveiling Perkin's dye in historic samples. <i>Chemistry - A European Journal</i> , 2008 , 14, 8507-13	4.8	69
74	Picosecond structural relaxation of abietic acid based amine end capped para-phenylenevinylene trimers in solution. <i>ChemPhysChem</i> , 2008 , 9, 2214-20	3.2	16
73	A comprehensive study of the spectral and photophysical properties of arylthiophenes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2008 , 194, 67-75	4.7	10

72	Flavylium chromophores as species markers for dragon's blood resins from <i>Dracaena</i> and <i>Daemonorops</i> trees. <i>Journal of Chromatography A</i> , 2008 , 1209, 153-61	4.5	40
71	Synthesis, Structural and Photophysical Evaluations of Urea Based Fluorescent PET Sensors for Anions. <i>Supramolecular Chemistry</i> , 2008 , 20, 407-418	1.8	32
70	Dynamics of short as compared with long poly(acrylic acid) chains hydrophobically modified with pyrene, as followed by fluorescence techniques. <i>Physical Chemistry Chemical Physics</i> , 2007 , 9, 1370-85	3.6	44
69	Interplay of electrostatic and hydrophobic effects with binding of cationic gemini surfactants and a conjugated polyanion: experimental and molecular modeling studies. <i>Journal of Physical Chemistry B</i> , 2007 , 111, 4401-10	3.4	65
68	Spectral and Photophysical Studies of Poly[2,6-(1,5-dioctyl-naphthalene)]thiophenes. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 7185-7191	3.8	11
67	Identification of 7,4'-dihydroxy-5-methoxyflavylium in "Dragon's blood": to be or not to be an anthocyanin. <i>Chemistry - A European Journal</i> , 2007 , 13, 1417-22	4.8	42
66	The triplet state of indigo. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 2094-6	16.4	40
65	Conformational relaxation of p-phenylenevinylene trimers in solution studied by picosecond time-resolved fluorescence. <i>ChemPhysChem</i> , 2007 , 8, 2657-64	3.2	60
64	Synthesis and photophysical properties of dansyl-based polyamine ligands and their Zn(II) complexes. <i>Inorganica Chimica Acta</i> , 2007 , 360, 1200-1208	2.7	31
63	Fluorescence studies on the interaction between pyrene-labelled poly(acrylic acid) and cyclodextrins. <i>Polymer International</i> , 2007 , 56, 882-899	3.3	9
62	Effects of the interaction between beta-carboline-3-carboxylic acid N-methylamide and polynucleotides on singlet oxygen quantum yield and DNA oxidative damage. <i>Photochemistry and Photobiology</i> , 2007 , 83, 1455-64	3.6	15
61	Spectral and photophysical characterization of donor-pi-acceptor arylthienyl- and bithienyl-benzothiazole derivatives in solution and solid state. <i>Journal of Physical Chemistry A</i> , 2007 , 111, 8574-8	2.8	32
60	Revisiting Perkin's dye(s): the spectroscopy and photophysics of two new mauveine compounds (B2 and C). <i>Chemical Communications</i> , 2007 , 2624-6	5.8	37
59	Electron transfer in supercritical carbon dioxide: ultraexothermic charge recombination at the end of the "inverted region". <i>Chemistry - A European Journal</i> , 2006 , 12, 5014-23	4.8	19
58	Spectral and photophysical studies of substituted indigo derivatives in their keto forms. <i>ChemPhysChem</i> , 2006 , 7, 2303-11	3.2	62
57	Temperature dependence of ultra-exothermic charge recombinations. <i>ChemPhysChem</i> , 2006 , 7, 2533-9	3.2	13
56	Spectral and photophysical studies on cruciform oligothiophenes in solution and the solid state. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 15100-6	3.4	37
55	Triplet-state and singlet oxygen formation in fluorene-based alternating copolymers. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 8278-83	3.4	43

54	Photophysical studies of alpha,omega-dicyano-oligothiophenes NC(C ₄ H ₂ S) _n CN (n = 1-6). <i>Journal of Physical Chemistry B</i> , 2006 , 110, 6499-505	3.4	42
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