

Mark Van der Auweraer

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.

187
papers

7,041
citations

49
h-index

75
g-index

191
ext. papers

7,464
ext. citations

5.9
avg, IF

5.29
L-index

#	Paper	IF	Citations
187	"Concentration-in-Control" self-assembly concept at the liquid-solid interface challenged. <i>Chemical Science</i> , 2021 , 12, 13167-13176	9.4	3
186	Synthesis and Spectroscopic Properties of 1,2,3-Triazole BOPAHY Dyes and Their Water-Soluble Triazolium Salts. <i>Journal of Organic Chemistry</i> , 2021 , 86, 13774-13782	4.2	3
185	Iodide mediated reductive decomposition of diazonium salts: towards mild and efficient covalent functionalization of surface-supported graphene. <i>Nanoscale</i> , 2020 , 12, 11916-11926	7.7	11
184	New metal-free route towards imidazole substituted uridine. <i>European Journal of Organic Chemistry</i> , 2020 , 2020, 4022	3.2	3
183	Electroluminescent Guest@MOF Nanoparticles for Thin Film Optoelectronics and Solid-State Lighting. <i>Advanced Optical Materials</i> , 2020 , 8, 2000670	8.1	14
182	The role of water and influence of hydrogen bonding on the self-assembly aggregation induced emission of an anthracene-guanidine-derivative. <i>Chemical Communications</i> , 2020 , 56, 4102-4105	5.8	6
181	Anatomy of On-Surface Synthesized Boroxine Two-Dimensional Polymers. <i>ACS Nano</i> , 2020 , 14, 2354-2366	6.7	9
180	Development and characterization of BODIPY-derived tracers for fluorescent labeling of the endoplasmic reticulum. <i>Dyes and Pigments</i> , 2020 , 176, 108200	4.6	1
179	Electroluminescent Nanoparticles: Electroluminescent Guest@MOF Nanoparticles for Thin Film Optoelectronics and Solid-State Lighting (Advanced Optical Materials 16/2020). <i>Advanced Optical Materials</i> , 2020 , 8, 2070066	8.1	
178	Bay-Substituted Thiazol[5]helicenes: Synthesis and Implications on Structural and Spectroscopic Properties. <i>Journal of Organic Chemistry</i> , 2019 , 84, 13528-13539	4.2	2
177	Bipolar luminescent azaindole derivative exhibiting aggregation-induced emission for non-doped organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 1222-1227	7.1	5
176	Silver Zeolite Composite-Based LEDs: Origin of Electroluminescence and Charge Transport. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 12179-12183	9.5	10
175	Structural and Photophysical Characterization of Ag Clusters in LTA Zeolites. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 10630-10638	3.8	14
174	Luminescent silver-lithium-zeolite phosphors for near-ultraviolet LED applications. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 14366-14374	7.1	6
173	Photoacoustic temperature imaging based on multi-wavelength excitation. <i>Photoacoustics</i> , 2019 , 13, 33-45	9	9
172	5,10-Dihydrobenzo[a]indolo[2,3- c]carbazoles as Novel OLED Emitters. <i>Journal of Physical Chemistry B</i> , 2019 , 123, 1400-1411	3.4	9
171	New OLEDs Based on Zirconium Metal-Organic Framework. <i>Advanced Optical Materials</i> , 2018 , 6, 1701066	8.1	32

170	Shaping the Optical Properties of Silver Clusters Inside Zeolite A via Guest-Host-Guest Interactions. <i>Journal of Physical Chemistry Letters</i> , 2018 , 9, 5344-5350	6.4	16
169	Promising Molecules for Optoelectronic Applications: Synthesis of 5,10-Dihydrobenzo[a]indolo[2,3-c]carbazoles by Scholl Reaction of 1,2-Bis(indol-2-yl)benzenes. <i>European Journal of Organic Chemistry</i> , 2018 , 2018, 4683-4688	3.2	7
168	Perovskite-Based Devices: Photophysical Pathways in Highly Sensitive Cs ₂ AgBiBr ₆ Double-Perovskite Single-Crystal X-Ray Detectors (Adv. Mater. 46/2018). <i>Advanced Materials</i> , 2018 , 30, 1870353	24	5
167	Photophysical Pathways in Highly Sensitive Cs AgBiBr Double-Perovskite Single-Crystal X-Ray Detectors. <i>Advanced Materials</i> , 2018 , 30, e1804450	24	117
166	Impact of the Keto-Enol Tautomeric Equilibrium on the BODIPY Chromophore. <i>Journal of Physical Chemistry A</i> , 2018 , 122, 5955-5961	2.8	7
165	Facile Morphology-Controlled Synthesis of Organolead Iodide Perovskite Nanocrystals Using Binary Capping Agents. <i>ChemNanoMat</i> , 2017 , 3, 223-227	3.5	15
164	Acid-Sensitive BODIPY Dyes: Synthesis through Pd-Catalyzed Direct C(sp ³)-H Arylation and Photophysics. <i>Chemistry - A European Journal</i> , 2017 , 23, 4687-4699	4.8	20
163	Silver Zeolite Composites-Based LEDs: A Novel Solid-State Lighting Approach. <i>Advanced Functional Materials</i> , 2017 , 27, 1606411	15.6	21
162	Simple Donor-Acceptor Luminogen Based on an Azaindole Derivative as Solid-State Emitter for Organic Light-Emitting Devices. <i>ACS Energy Letters</i> , 2017 , 2, 2653-2658	20.1	6
161	Tuning of PCDTBT:PC71BM blend nanoparticles for eco-friendly processing of polymer solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2017 , 159, 179-188	6.4	30
160	Self-Assembling Azaindole Organogel for Organic Light-Emitting Devices (OLEDs). <i>Advanced Functional Materials</i> , 2017 , 27, 1702176	15.6	12
159	Effect of the substitution position (2, 3 or 8) on the spectroscopic and photophysical properties of BODIPY dyes with a phenyl, styryl or phenylethynyl group. <i>RSC Advances</i> , 2016 , 6, 102899-102913	3.7	18
158	A ratiometric, fluorescent BODIPY-based probe for transition and heavy metal ions. <i>RSC Advances</i> , 2016 , 6, 7806-7816	3.7	37
157	Synthesis, Ensemble, and Single Molecule Characterization of a Diphenyl-Acetylene Linked Terrylenediimide Dimer. <i>Journal of Physical Chemistry B</i> , 2016 , 120, 2333-42	3.4	2
156	Field-Controlled Charge Separation in a Conductive Matrix at the Single-Molecule Level: Toward Controlling Single-Molecule Fluorescence Intermittency. <i>ACS Omega</i> , 2016 , 1, 1383-1392	3.9	4
155	Oxygen-Induced Degradation in C60-Based Organic Solar Cells: Relation Between Film Properties and Device Performance. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 9798-805	9.5	12
154	On the stability of surface-confined nanoporous molecular networks. <i>Journal of Chemical Physics</i> , 2015 , 142, 101932	3.9	6
153	Charge transport and recombination in P3HT:PbS solar cells. <i>Journal of Applied Physics</i> , 2015 , 117, 095503	3.5	16

152	Unusual spectroscopic and photophysical properties of meso-tert-butylBODIPY in comparison to related alkylated BODIPY dyes. <i>RSC Advances</i> , 2015 , 5, 89375-89388	3.7	41
151	Photoinduced Charge Transfer in Hybrid Systems of CuInS ₂ Nanocrystals and Conductive Polymer. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 22669-22680	3.8	8
150	Mechanism Behind the Apparent Large Stokes Shift in LSSmOrange Investigated by Time-Resolved Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 14880-91	3.4	8
149	Solvatochromism of BODIPY-Schiff dye. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 2576-84	3.4	32
148	Wideband fluorescence-based thermometry by neural network recognition: Photothermal application with 10 ns time resolution. <i>Journal of Applied Physics</i> , 2015 , 118, 184906	2.5	16
147	Charge separation dynamics at bulk heterojunctions between poly(3-hexylthiophene) and PbS quantum dots. <i>Journal of Applied Physics</i> , 2015 , 118, 055502	2.5	11
146	Investigation of the Q _x -Q _y Equilibrium in a Metal-Free Phthalocyanine. <i>ChemPhysChem</i> , 2015 , 16, 3992-6.2		5
145	Thermally activated LTA(Li)Ag zeolites with water-responsive photoluminescence properties. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 11857-11867	7.1	51
144	Improved Spectral Coverage and Fluorescence Quenching in Donor-acceptor Systems Involving Indolo[3-2-b]carbazole and Boron-dipyrromethene or Diketopyrrolopyrrole. <i>Photochemistry and Photobiology</i> , 2015 , 91, 637-53	3.6	17
143	Enhancement of the photovoltaic performance in P3HT: PbS hybrid solar cells using small size PbS quantum dots. <i>Journal of Applied Physics</i> , 2014 , 116, 094305	2.5	26
142	Delayed electron-hole pair recombination in iron(III)-oxo metal-organic frameworks. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 5044-7	3.6	41
141	Identifiability of models for time-resolved fluorescence with underlying distributions of rate constants. <i>Photochemical and Photobiological Sciences</i> , 2014 , 13, 422-30	4.2	8
140	Triplet harvesting in poly(9-vinylcarbazole) and poly(9-(2,3-epoxypropyl)carbazole) doped with CdSe/ZnS quantum dots encapsulated with 16-(N-carbazolyl) hexadecanoic acid ligands. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2014 , 52, 539-551	2.6	2
139	One-Pot Synthesis and Characterization of All-Conjugated Poly(3-alkylthiophene)-block-poly(dialkylthieno[3,4-b]pyrazine). <i>Macromolecules</i> , 2014 , 47, 6671-6678	5.5	23
138	8-HaloBODIPYs and their 8-(C, N, O, S) substituted analogues: solvent dependent UV-vis spectroscopy, variable temperature NMR, crystal structure determination, and quantum chemical calculations. <i>Journal of Physical Chemistry A</i> , 2014 , 118, 1576-94	2.8	57
137	Fluorescence spectra shape based dynamic thermometry. <i>Applied Physics Letters</i> , 2014 , 104, 031902	3.4	17
136	Tip-induced chemical manipulation of metal porphyrins at a liquid/solid interface. <i>Journal of the American Chemical Society</i> , 2014 , 136, 17418-21	16.4	31
135	Photophysical investigation of cyano-substituted terrylenediimide derivatives. <i>Journal of Physical Chemistry B</i> , 2014 , 118, 14662-74	3.4	7

134	Diazadithia[7]helicenes: Synthetic Exploration, Solid-State Structure, and Properties. <i>Chemistry - A European Journal</i> , 2013 , 19, 12077-85	4.8	19
133	Study of hole mobility in poly(N-vinylcarbazole) films doped with CdSe/ZnS quantum dots encapsulated by 11-(N-carbazolyl) undecanoic acid (C11). <i>Journal of Applied Physics</i> , 2013 , 114, 173704	2.5	5
132	Ligand exchange leads to efficient triplet energy transfer to CdSe/ZnS Q-dots in a poly(N-vinylcarbazole) matrix nanocomposite. <i>Journal of Applied Physics</i> , 2013 , 113, 083507	2.5	14
131	Excited state dynamics of photoswitchable fluorescent protein Padron. <i>Journal of Physical Chemistry B</i> , 2013 , 117, 16422-7	3.4	13
130	Temperature-induced structural phase transitions in a two-dimensional self-assembled network. <i>Journal of the American Chemical Society</i> , 2013 , 135, 12068-75	16.4	158
129	Revealing the excited-state dynamics of the fluorescent protein Dendra2. <i>Journal of Physical Chemistry B</i> , 2013 , 117, 2300-13	3.4	18
128	Near-Field Interactions between Metal Nanoparticle Surface Plasmons and Molecular Excitons in Thin-Films. Part II: Emission. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 24215-24223	3.8	9
127	Ligand exchange and photoluminescence quenching in organic-inorganic blends poly(3-hexylthiophene) P3HT:PbS 2012 ,		3
126	Vicarious nucleophilic substitution of hydrogen of BODIPY and its extension to direct ethenylation. <i>Organic Letters</i> , 2011 , 13, 1470-3	6.2	76
125	The Origin of Heterogeneity of Polymer Dynamics near the Glass Temperature As Probed by Defocused Imaging. <i>Macromolecules</i> , 2011 , 44, 9703-9709	5.5	51
124	1,7-Disubstituted boron dipyrromethene (BODIPY) dyes: synthesis and spectroscopic properties. <i>Journal of Organic Chemistry</i> , 2011 , 76, 8168-76	4.2	107
123	The synthesis and spectroscopic characterization of poly(p-phenylene ethynylene) with 3-connected BODIPY end groups. <i>Dyes and Pigments</i> , 2011 , 88, 372-377	4.6	12
122	Oligo(p-phenylene ethynylene)-BODIPY derivatives: synthesis, energy transfer, and quantum-chemical calculations. <i>Chemistry - A European Journal</i> , 2011 , 17, 13247-57	4.8	38
121	Morpholinecarbonyl-Rhodamine 110 based substrates for the determination of protease activity with accurate kinetic parameters. <i>Bioconjugate Chemistry</i> , 2011 , 22, 1932-8	6.3	14
120	Scanning tunneling microscopy-induced reversible phase transformation in the two-dimensional crystal of a positively charged discotic polycyclic aromatic hydrocarbon. <i>Journal of the American Chemical Society</i> , 2011 , 133, 5686-8	16.4	56
119	Low temperature X-ray diffraction analysis, electronic density distribution and photophysical properties of bidentate N,O-donor salicylaldehyde Schiff bases and zinc complexes in solid state. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2011 , 218, 117-129	4.7	24
118	Energy transfer dynamics in organic light emitting diode emission layers doped with triplet emitters. <i>Journal of Applied Physics</i> , 2011 , 110, 053712	2.5	7
117	Generalized solvent scales as a tool for investigating solvent dependence of spectroscopic and kinetic parameters. Application to fluorescent BODIPY dyes. <i>Photochemical and Photobiological Sciences</i> , 2010 , 9, 996-1008	4.2	92

116	Steering the Conformation and Chiroptical Properties of Poly(dithienopyrrole)s Substituted with Chiral OPV Side Chains.. <i>Macromolecules</i> , 2010 , 43, 2157-2168	5.5	28
115	Patterned film growth of metal-organic frameworks based on galvanic displacement. <i>Chemical Communications</i> , 2010 , 46, 3735-7	5.8	78
114	2D analogues of the inverted hexagonal phase self-assembled from 4,6-dialkoxylated isophthalic acids at solid-liquid interfaces. <i>Nanoscale</i> , 2010 , 2, 1773-80	7.7	7
113	Detection of RNA hybridization by pyrene-labeled probes. <i>ChemBioChem</i> , 2009 , 10, 1175-85	3.8	30
112	On the use of Z-scan fluorescence correlation experiments on giant unilamellar vesicles. <i>Chemical Physics Letters</i> , 2009 , 469, 110-114	2.5	12
111	Investigation of probe molecule-polymer interactions. <i>Chemical Physics Letters</i> , 2009 , 472, 48-54	2.5	5
110	Two-leg molecular ladders formed by hierarchical self-assembly of an organic radical. <i>Journal of the American Chemical Society</i> , 2009 , 131, 6246-52	16.4	29
109	Self-Assembly of a Functionalized Alkylated Isophthalic Acid at the Au(111)/Electrolyte Interface: Structure and Dynamics. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 11567-11574	3.8	12
108	3,5-Dianilino Substituted Difluoroboron Dipyrromethene: Synthesis, Spectroscopy, Photophysics, Crystal Structure, Electrochemistry, and Quantum-Chemical Calculations. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 11731-11740	3.8	58
107	Synthesis and photophysical characterization of chalcogen substituted BODIPY dyes. <i>New Journal of Chemistry</i> , 2009 , 33, 1490	3.6	62
106	Synthesis, spectroscopy, crystal structure, electrochemistry, and quantum chemical and molecular dynamics calculations of a 3-anilino difluoroboron dipyrromethene dye. <i>Journal of Physical Chemistry A</i> , 2009 , 113, 439-47	2.8	94
105	Characterization of fluorescence in heat-treated silver-exchanged zeolites. <i>Journal of the American Chemical Society</i> , 2009 , 131, 3049-56	16.4	146
104	Photophysics and stability of cyano-substituted boradiazaindacene dyes. <i>Photochemical and Photobiological Sciences</i> , 2009 , 8, 1006-15	4.2	22
103	A versatile, modular synthesis of monofunctionalized BODIPY dyes. <i>Chemical Communications</i> , 2009 , 4515-7	5.8	93
102	Electroluminescent characteristics of scandium and yttrium 8-quinolinolates. <i>Journal of Applied Physics</i> , 2008 , 104, 053706	2.5	20
101	Ratiometric, fluorescent BODIPY dye with aza crown ether functionality: synthesis, solvatochromism, and metal ion complex formation. <i>Journal of Physical Chemistry A</i> , 2008 , 112, 6104-14	2.8	93
100	Giant molecular spoked wheels in giant voids: two-dimensional molecular self-assembly goes big. <i>Chemical Communications</i> , 2008 , 3897-9	5.8	54
99	Bottom-up assembly of high density molecular nanowire cross junctions at a solid/liquid interface. <i>Chemical Communications</i> , 2008 , 703-5	5.8	33

98	Photoinduced electron-transfer in perylenediimide triphenylamine-based dendrimers: single photon timing and femtosecond transient absorption spectroscopy. <i>Photochemical and Photobiological Sciences</i> , 2008 , 7, 597-604	4.2	37
97	Directing the assembly of charged organic molecules by a hydrophilic-hydrophobic nanostructured monolayer at electrified interfaces. <i>Nano Letters</i> , 2008 , 8, 1163-8	11.5	9
96	Photophysical study of bay substituted perylenediimides. <i>Photochemical and Photobiological Sciences</i> , 2008 , 7, 1509	4.2	80
95	Second-harmonic generation in GFP-like proteins. <i>Journal of the American Chemical Society</i> , 2008 , 130, 15713-9	16.4	58
94	Hole transport in blue and white emitting polymers. <i>Journal of Applied Physics</i> , 2008 , 103, 113711	2.5	15
93	Hole mobility and trapping in PVK films doped with CdSe/CdS and CdSe quantum dots. <i>Journal of Russian Laser Research</i> , 2008 , 29, 526-537	0.7	10
92	Dendritic nucleotides: interaction with an aliphatic acid monolayer. <i>Chemistry and Biodiversity</i> , 2008 , 5, 1675-82	2.5	0
91	One building block, two different supramolecular surface-confined patterns: concentration in control at the solid-liquid interface. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 2964-8	16.4	255
90	Emerging solvent-induced homochirality by the confinement of achiral molecules against a solid surface. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 4997-5001	16.4	87
89	Non-conjugated, phenyl assisted coupling in through bond electron transfer in a perylenemonoimide-triphenylamine system. <i>Photochemical and Photobiological Sciences</i> , 2007 , 6, 406-15	4.2	6
88	Photophysics of 3,5-diphenoxy substituted BODIPY dyes in solution. <i>Photochemical and Photobiological Sciences</i> , 2007 , 6, 1061-6	4.2	40
87	Solid-state assemblies and optical properties of conjugated oligomers combining fluorene and thiophene units. <i>Journal of Materials Chemistry</i> , 2007 , 17, 728-735		54
86	Boron dipyrromethene analogs with phenyl, styryl, and ethynylphenyl substituents: synthesis, photophysics, electrochemistry, and quantum-chemical calculations. <i>Journal of Physical Chemistry A</i> , 2007 , 111, 8588-97	2.8	121
85	Supramolecular hydrophobic-hydrophilic nanopatterns at electrified interfaces. <i>Nano Letters</i> , 2007 , 7, 791-5	11.5	33
84	Controlling the Fluorescence Resonant Energy Transfer by Photonic Crystal Band Gap Engineering. <i>Chemistry of Materials</i> , 2007 , 19, 5547-5552	9.6	50
83	Energy and Electron Transfer in Ethynylene Bridged Perylene Diimide Multichromophores. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 4861-4870	3.8	79
82	CT-CT annihilation in rigid perylene end-capped pentaphenylenes. <i>Journal of the American Chemical Society</i> , 2007 , 129, 610-9	16.4	36
81	Visualization of membrane rafts using a perylene monoimide derivative and fluorescence lifetime imaging. <i>Biophysical Journal</i> , 2007 , 93, 2877-91	2.9	41

80	Structural transformation of a two-dimensional molecular network in response to selective guest inclusion. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 2831-4	16.4	174
79	Singlet-singlet annihilation leading to a charge-transfer intermediate in chromophore-end-capped pentaphenylenes. <i>ChemPhysChem</i> , 2007 , 8, 1386-93	3.2	6
78	DEVELOPMENT OF MAGNETIC MATERIALS FOR PHOTONIC APPLICATIONS. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2007 , 16, 281-294	0.8	7
77	Compartmental analysis in photophysics: kinetics and identifiability of models for quenching of fluorescent probes in micelles. <i>Mathematical Biosciences</i> , 2007 , 209, 624-43	3.9	5
76	Charge carrier mobility in CBP films doped with Ir(ppy) 3 2006 , 6192, 419		15
75	Spectral narrowing of emission in self-assembled colloidal photonic superlattices. <i>Journal of Applied Physics</i> , 2006 , 100, 123112	2.5	26
74	SPONTANEOUS EMISSION OF NANO-ENGINEERED FLUOROPHORES IN PHOTONIC CRYSTALS. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2006 , 15, 1-8	0.8	5
73	Scanning tunnelling microscopy of a foldamer prototype at the liquid/solid interface: water/Au(111) versus 1-octanol/graphite. <i>New Journal of Chemistry</i> , 2006 , 30, 1420	3.6	5
72	Solvent and pH dependent fluorescent properties of a dimethylaminostyryl borondipyrromethene dye in solution. <i>Journal of Physical Chemistry A</i> , 2006 , 110, 5998-6009	2.8	204
71	Simultaneous liquid chromatography determination of polyamines and arylalkyl monoamines. <i>Analytical Biochemistry</i> , 2006 , 354, 127-31	3.1	13
70	Fluorophores-modified silica sphere as emission probe in photonic crystals. <i>Chemical Physics Letters</i> , 2006 , 421, 1-4	2.5	13
69	Solvent-dependent photophysical properties of borondipyrromethene dyes in solution. <i>Chemical Physics Letters</i> , 2006 , 420, 562-568	2.5	86
68	Single molecule spectroscopy as a probe for dye-polymer interactions. <i>Journal of the American Chemical Society</i> , 2005 , 127, 12011-20	16.4	33
67	Photophysical study of photoinduced electron transfer in a bis-thiophene substituted peryleneimide. <i>Photochemical and Photobiological Sciences</i> , 2005 , 4, 61-8	4.2	31
66	Photophysical properties of borondipyrromethene analogues in solution. <i>Journal of Physical Chemistry A</i> , 2005 , 109, 7371-84	2.8	243
65	A microscopic model for the fluctuations of local field and spontaneous emission of single molecules in disordered media. <i>ChemPhysChem</i> , 2005 , 6, 81-91	3.2	55
64	Electron transfer at the single-molecule level in a triphenylamine-erylene imide molecule. <i>ChemPhysChem</i> , 2005 , 6, 942-8	3.2	45
63	Identifiability of models for fluorescence quenching in aqueous micellar systems. <i>ChemPhysChem</i> , 2005 , 6, 2352-8	3.2	8

62	Scanning tunneling microscopy and spectroscopy of donor-acceptor-donor triads at the liquid/solid interface. <i>ChemPhysChem</i> , 2005 , 6, 2389-95	3.2	26
61	Photophysical properties of BODIPY-derived hydroxyaryl fluorescent pH probes in solution. <i>ChemPhysChem</i> , 2005 , 6, 2343-51	3.2	76
60	Frans De Schryver: forty years of photochemistry and photophysics. <i>ChemPhysChem</i> , 2005 , 6, 2215-7	3.2	
59	Stretched exponential decay and correlations in the catalytic activity of fluctuating single lipase molecules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 2368-72	11.5	256
58	Photostability of J-aggregates adsorbed on TiO ₂ nanoparticles and AFM imaging of J-aggregates on a glass surface. <i>International Journal of Photoenergy</i> , 2004 , 6, 29-33	2.1	8
57	Probing conformational dynamics in single donor-acceptor synthetic molecules by means of photoinduced reversible electron transfer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 14343-8	11.5	103
56	Single Photon Emission from a Dendrimer Containing Eight Perylene Diimide Chromophores. <i>Australian Journal of Chemistry</i> , 2004 , 57, 1169	1.2	11
55	Probing the influence of O ₂ on photoinduced reversible electron transfer in perylene diimide-triphenylamine-based dendrimers by single-molecule spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 6116-20	16.4	43
54	Excited-State Localization in a 3-Fold-Symmetric Molecule as Probed by Electroabsorption Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2004 , 108, 16834-16840	3.4	28
53	Mesoscopic organization of two-dimensional J-aggregates of thiocyanine in Langmuir-Schaefer films. <i>Langmuir</i> , 2004 , 20, 11569-76	4	9
52	Single-molecule conformations probe free volume in polymers. <i>Journal of the American Chemical Society</i> , 2004 , 126, 2296-7	16.4	59
51	Photophysical Study of Electron-Transfer and Energy-Hopping Processes in First-Generation Mono- and Multichromophoric Triphenylamine Core Dendrimers. <i>Journal of Physical Chemistry B</i> , 2004 , 108, 10721-10731	3.4	23
50	Photoluminescence intensity fluctuations and electric-field-induced photoluminescence quenching in individual nanoclusters of poly(phenylenevinylene). <i>ChemPhysChem</i> , 2003 , 4, 260-7	3.2	56
49	Reversible Intramolecular Electron Transfer at the Single-Molecule Level. <i>Angewandte Chemie</i> , 2003 , 115, 4341-4346	3.6	9
48	Reversible intramolecular electron transfer at the single-molecule level. <i>Angewandte Chemie - International Edition</i> , 2003 , 42, 4209-14	16.4	55
47	Host Matrix Dependence on the Photophysical Properties of Individual Conjugated Polymer Chains. <i>Macromolecules</i> , 2003 , 36, 500-507	5.5	99
46	Confocal Fluorescence Microscopy and AFM of Thiocyanine J Aggregates in Langmuir-Schaefer Monolayers. <i>Langmuir</i> , 2003 , 19, 9831-9840	4	15
45	Generation dependent singlet-singlet annihilation within multichromophoric dendrimers studied by polychromatic transient absorption. <i>Photochemical and Photobiological Sciences</i> , 2003 , 2, 1118-24	4.2	10

44	Energy transfer within perylene-terrylene dendrimers evidenced by polychromatic transient absorption measurements. <i>Photochemical and Photobiological Sciences</i> , 2003 , 2, 177-86	4.2	28
43	Excitation energy transfer in dendritic host-guest donor-acceptor systems. <i>ChemPhysChem</i> , 2002 , 3, 1005-13	5.13	19
42	Formation of Highly Oriented Domains of a Thiocarbocyanine Dye in a Monolayer at the Air/Water Interface. <i>Langmuir</i> , 2002 , 18, 1641-1648	4	17
41	Parameters Influencing the On- and Off-Times in the Fluorescence Intensity Traces of Single Cyanine Dye Molecules. <i>Journal of Physical Chemistry A</i> , 2002 , 106, 4808-4814	2.8	97
40	Influence of the Deposition Method on the Topography and Spectroscopy of J-Aggregates of a Thiocarbocyanine Dye Adsorbed to a Langmuir Film. <i>Langmuir</i> , 2002 , 18, 8407-8417	4	18
39	Photoinduced electron transfer in a rigid first generation triphenylamine core dendrimer substituted with a peryleneimide acceptor. <i>Journal of the American Chemical Society</i> , 2002 , 124, 9918-25	16.4	90
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