

# Mark Van der Auweraer

## List of Publications by Citations

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187  
papers

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49  
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75  
g-index

191  
ext. papers

7,464  
ext. citations

5.9  
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L-index

#	Paper	IF	Citations
187	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> , <b>2005</b> , 102, 2368-72	11.5	256
186	One building block, two different supramolecular surface-confined patterns: concentration in control at the solid-liquid interface. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 2964-8	16.4	255
185	Photophysical properties of borondipyrromethene analogues in solution. <i>Journal of Physical Chemistry A</i> , <b>2005</b> , 109, 7371-84	2.8	243
184	Solvent and pH dependent fluorescent properties of a dimethylaminostyryl borondipyrromethene dye in solution. <i>Journal of Physical Chemistry A</i> , <b>2006</b> , 110, 5998-6009	2.8	204
183	Structural transformation of a two-dimensional molecular network in response to selective guest inclusion. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 2831-4	16.4	174
182	Disorder in Charge Transport in doped polymers. <i>Advanced Materials</i> , <b>1994</b> , 6, 199-213	24	162
181	Temperature-induced structural phase transitions in a two-dimensional self-assembled network. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 12068-75	16.4	158
180	Molecular structure and the temperature-dependent radiative rates in Twisted Intramolecular Charge-Transfer and exciplex systems. <i>The Journal of Physical Chemistry</i> , <b>1991</b> , 95, 2083-2092		147
179	Characterization of fluorescence in heat-treated silver-exchanged zeolites. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 3049-56	16.4	146
178	Boron dipyrromethene analogs with phenyl, styryl, and ethynylphenyl substituents: synthesis, photophysics, electrochemistry, and quantum-chemical calculations. <i>Journal of Physical Chemistry A</i> , <b>2007</b> , 111, 8588-97	2.8	121
177	Photophysical Pathways in Highly Sensitive Cs AgBiBr Double-Perovskite Single-Crystal X-Ray Detectors. <i>Advanced Materials</i> , <b>2018</b> , 30, e1804450	24	117
176	1,7-Disubstituted boron dipyrromethene (BODIPY) dyes: synthesis and spectroscopic properties. <i>Journal of Organic Chemistry</i> , <b>2011</b> , 76, 8168-76	4.2	107
175	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> , <b>2004</b> , 101, 14343-8	11.5	103
174	New picosecond laser system for easy tunability over the whole ultraviolet/visible/near infrared wavelength range based on flexible harmonic generation and optical parametric oscillation. <i>Review of Scientific Instruments</i> , <b>2001</b> , 72, 36-40	1.7	103
173	Host Matrix Dependence on the Photophysical Properties of Individual Conjugated Polymer Chains. <i>Macromolecules</i> , <b>2003</b> , 36, 500-507	5.5	99
172	Parameters Influencing the On- and Off-Times in the Fluorescence Intensity Traces of Single Cyanine Dye Molecules. <i>Journal of Physical Chemistry A</i> , <b>2002</b> , 106, 4808-4814	2.8	97
171	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> , <b>2009</b> , 113, 439-47	2.8	94

170	A versatile, modular synthesis of monofunctionalized BODIPY dyes. <i>Chemical Communications</i> , <b>2009</b> , 4515-7	5.8	93
169	Ratiometric, fluorescent BODIPY dye with aza crown ether functionality: synthesis, solvatochromism, and metal ion complex formation. <i>Journal of Physical Chemistry A</i> , <b>2008</b> , 112, 6104-14	2.8	93
168	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> , <b>2010</b> , 9, 996-1008	4.2	92
167	Photoinduced electron transfer in a rigid first generation triphenylamine core dendrimer substituted with a peryleneimide acceptor. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 9918-25	16.4	90
166	Excited-State Dynamics in the Enhanced Green Fluorescent Protein Mutant Probed by Picosecond Time-Resolved Single Photon Counting Spectroscopy. <i>Journal of Physical Chemistry B</i> , <b>2001</b> , 105, 4999-5006	3.4	89
165	Emerging solvent-induced homochirality by the confinement of achiral molecules against a solid surface. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 4997-5001	16.4	87
164	Solvent-dependent photophysical properties of borondipyrromethene dyes in solution. <i>Chemical Physics Letters</i> , <b>2006</b> , 420, 562-568	2.5	86
163	Photophysical study of bay substituted perylenediimides. <i>Photochemical and Photobiological Sciences</i> , <b>2008</b> , 7, 1509	4.2	80
162	Energy and Electron Transfer in Ethynylene Bridged Perylene Diimide Multichromophores. <i>Journal of Physical Chemistry C</i> , <b>2007</b> , 111, 4861-4870	3.8	79
161	Patterned film growth of metal-organic frameworks based on galvanic displacement. <i>Chemical Communications</i> , <b>2010</b> , 46, 3735-7	5.8	78
160	Vicarious nucleophilic substitution of $\beta$ -hydrogen of BODIPY and its extension to direct ethenylation. <i>Organic Letters</i> , <b>2011</b> , 13, 1470-3	6.2	76
159	Photophysical properties of BODIPY-derived hydroxyaryl fluorescent pH probes in solution. <i>ChemPhysChem</i> , <b>2005</b> , 6, 2343-51	3.2	76
158	Influence of alcohols and alkanes on the aggregation behavior of ionic surfactants in water. <i>Langmuir</i> , <b>1990</b> , 6, 628-637	4	76
157	Organic Mixed Valence Systems. II. Two-Centers and Three-Centers Compounds with Meta Connections around a Central Phenylene Ring. <i>The Journal of Physical Chemistry</i> , <b>1996</b> , 100, 17079-17082		69
156	Influence of Structural and Rotational Isomerism on the Triplet Blinking of Individual Dendrimer Molecules J.H. thanks the FWO for a post-doctoral fellowship. T.V. wishes to thank the I.W.T. for a doctoral fellowship. Financial support by the FWO, the DWTC (through IUAP-4-11), and the Flemish Ministry of Education (through GOA/1/2001) is gratefully acknowledged. The EC (through TMR	16.4	64
155	Synthesis and photophysical characterization of chalcogen substituted BODIPY dyes. <i>New Journal of Chemistry</i> , <b>2009</b> , 33, 1490. <i>Angewandte Chemie - International Edition</i> , <b>2001</b> , 40, 4643-4648	3.6	62
154	Single-molecule conformations probe free volume in polymers. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 2296-7	16.4	59
153	3,5-Dianilino Substituted Difluoroboron Dipyrromethene: Synthesis, Spectroscopy, Photophysics, Crystal Structure, Electrochemistry, and Quantum-Chemical Calculations <i>Journal of Physical Chemistry C</i> , <b>2009</b> , 113, 11731-11740	3.8	58

152	Second-harmonic generation in GFP-like proteins. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 15713-9	16.4	58
151	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> , <b>2014</b> , 118, 1576-94	2.8	57
150	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> , <b>2011</b> , 133, 5686-8	16.4	56
149	Photoluminescence intensity fluctuations and electric-field-induced photoluminescence quenching in individual nanoclusters of poly(phenylenevinylene). <i>ChemPhysChem</i> , <b>2003</b> , 4, 260-7	3.2	56
148	Singlet-singlet annihilation in multichromophoric peryleneimide dendrimers, determined by fluorescence upconversion. <i>ChemPhysChem</i> , <b>2001</b> , 2, 49-55	3.2	56
147	Reversible intramolecular electron transfer at the single-molecule level. <i>Angewandte Chemie - International Edition</i> , <b>2003</b> , 42, 4209-14	16.4	55
146	A microscopic model for the fluctuations of local field and spontaneous emission of single molecules in disordered media. <i>ChemPhysChem</i> , <b>2005</b> , 6, 81-91	3.2	55
145	Giant molecular spoked wheels in giant voids: two-dimensional molecular self-assembly goes big. <i>Chemical Communications</i> , <b>2008</b> , 3897-9	5.8	54
144	Solid-state assemblies and optical properties of conjugated oligomers combining fluorene and thiophene units. <i>Journal of Materials Chemistry</i> , <b>2007</b> , 17, 728-735		54
143	Tetraarylporphyrins in mixed Langmuir-Blodgett films: steady-state and time-resolved fluorescence studies. <i>Langmuir</i> , <b>1991</b> , 7, 1483-1490	4	52
142	Thermally activated LTA(Li)Ag zeolites with water-responsive photoluminescence properties. <i>Journal of Materials Chemistry C</i> , <b>2015</b> , 3, 11857-11867	7.1	51
141	The Origin of Heterogeneity of Polymer Dynamics near the Glass Temperature As Probed by Defocused Imaging. <i>Macromolecules</i> , <b>2011</b> , 44, 9703-9709	5.5	51
140	Photoinduced Intramolecular Charge Transfer in Diphenylamino-Substituted Triphenylbenzene, Biphenyl, and Fluorene. <i>Journal of Physical Chemistry A</i> , <b>1997</b> , 101, 8157-8165	2.8	51
139	Controlling the Fluorescence Resonant Energy Transfer by Photonic Crystal Band Gap Engineering. <i>Chemistry of Materials</i> , <b>2007</b> , 19, 5547-5552	9.6	50
138	Compartmental analysis of the fluorescence decay surface of the exciplex formation between 1-methylpyrene and triethylamine. <i>The Journal of Physical Chemistry</i> , <b>1991</b> , 95, 9375-9381		47
137	Electron transfer at the single-molecule level in a triphenylamine-erylene imide molecule. <i>ChemPhysChem</i> , <b>2005</b> , 6, 942-8	3.2	45
136	Comparison between J-aggregates in a self-assembled multilayer and polymer-bound J-aggregates in solution: a steady-state and time-resolved spectroscopic study. <i>Photochemical and Photobiological Sciences</i> , <b>2002</b> , 1, 395-406	4.2	44
135	Probing the influence of O <sub>2</sub> on photoinduced reversible electron transfer in perylenediimide-triphenylamine-based dendrimers by single-molecule spectroscopy. <i>Angewandte Chemie - International Edition</i> , <b>2004</b> , 43, 6116-20	16.4	43

134	Unusual spectroscopic and photophysical properties of meso-tert-butylBODIPY in comparison to related alkylated BODIPY dyes. <i>RSC Advances</i> , <b>2015</b> , 5, 89375-89388	3.7	41
133	Delayed electron-hole pair recombination in iron(III)-oxo metal-organic frameworks. <i>Physical Chemistry Chemical Physics</i> , <b>2014</b> , 16, 5044-7	3.6	41
132	Visualization of membrane rafts using a perylene monoimide derivative and fluorescence lifetime imaging. <i>Biophysical Journal</i> , <b>2007</b> , 93, 2877-91	2.9	41
131	Photophysics of 3,5-diphenoxy substituted BODIPY dyes in solution. <i>Photochemical and Photobiological Sciences</i> , <b>2007</b> , 6, 1061-6	4.2	40
130	Simultaneous analysis of time-resolved fluorescence quenching data in aqueous micellar systems in the presence and absence of added alcohol. <i>The Journal of Physical Chemistry</i> , <b>1989</b> , 93, 3244-3250		39
129	Oligo(p-phenylene ethynylene)-BODIPY derivatives: synthesis, energy transfer, and quantum-chemical calculations. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 13247-57	4.8	38
128	A ratiometric, fluorescent BODIPY-based probe for transition and heavy metal ions. <i>RSC Advances</i> , <b>2016</b> , 6, 7806-7816	3.7	37
127	Photoinduced electron-transfer in peryleneimide triphenylamine-based dendrimers: single photon timing and femtosecond transient absorption spectroscopy. <i>Photochemical and Photobiological Sciences</i> , <b>2008</b> , 7, 597-604	4.2	37
126	CT-CT annihilation in rigid perylene end-capped pentaphenylenes. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 610-9	16.4	36
125	Bottom-up assembly of high density molecular nanowire cross junctions at a solid/liquid interface. <i>Chemical Communications</i> , <b>2008</b> , 703-5	5.8	33
124	Supramolecular hydrophobic-hydrophilic nanopatterns at electrified interfaces. <i>Nano Letters</i> , <b>2007</b> , 7, 791-5	11.5	33
123	Single molecule spectroscopy as a probe for dye-polymer interactions. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 12011-20	16.4	33
122	Solvatochromism of BODIPY-Schiff dye. <i>Journal of Physical Chemistry B</i> , <b>2015</b> , 119, 2576-84	3.4	32
121	New OLEDs Based on Zirconium Metal-Organic Framework. <i>Advanced Optical Materials</i> , <b>2018</b> , 6, 1701068.1	3.1	32
120	Change in the micellar aggregation number or in the size distribution? A dynamic fluorescence quenching study of aqueous cetyltrimethylammonium chloride. <i>Langmuir</i> , <b>1993</b> , 9, 2289-2296	4	32
119	Photophysics of 2-phenyl-3-indolocarboxyanine dyes. <i>The Journal of Physical Chemistry</i> , <b>1986</b> , 90, 1169-1175		32
118	Tip-induced chemical manipulation of metal porphyrins at a liquid/solid interface. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 17418-21	16.4	31
117	Photophysical study of photoinduced electron transfer in a bis-thiophene substituted peryleneimide. <i>Photochemical and Photobiological Sciences</i> , <b>2005</b> , 4, 61-8	4.2	31

116	Influence of the Substitution on Intramolecular Exciplex Formation between Pyrene and Indole Moieties. <i>The Journal of Physical Chemistry</i> , <b>1994</b> , 98, 1532-1543		31
115	Tuning of PCDTBT:PC71BM blend nanoparticles for eco-friendly processing of polymer solar cells. <i>Solar Energy Materials and Solar Cells</i> , <b>2017</b> , 159, 179-188	6.4	30
114	Detection of RNA hybridization by pyrene-labeled probes. <i>ChemBioChem</i> , <b>2009</b> , 10, 1175-85	3.8	30
113	Laser-induced optoacoustic studies of the non-radiative deactivation of ICT probes DMABN and DMABA. <i>Chemical Physics Letters</i> , <b>1997</b> , 264, 265-272	2.5	30
112	Two-leg molecular ladders formed by hierarchical self-assembly of an organic radical. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 6246-52	16.4	29
111	Steering the Conformation and Chiroptical Properties of Poly(dithienopyrrole)s Substituted with Chiral OPV Side Chains.. <i>Macromolecules</i> , <b>2010</b> , 43, 2157-2168	5.5	28
110	Excited-State Localization in a 3-Fold-Symmetric Molecule as Probed by Electroabsorption Spectroscopy. <i>Journal of Physical Chemistry B</i> , <b>2004</b> , 108, 16834-16840	3.4	28
109	Energy transfer within perylene-terrylene dendrimers evidenced by polychromatic transient absorption measurements. <i>Photochemical and Photobiological Sciences</i> , <b>2003</b> , 2, 177-86	4.2	28
108	Intramolecular Energy Transfer in Bis-porphyrins Containing Diimine Chelates of Variable Geometry as Spacers. <i>Chemistry - A European Journal</i> , <b>1999</b> , 5, 2089-2100	4.8	28
107	Enhancement of the photovoltaic performance in P3HT: PbS hybrid solar cells using small size PbS quantum dots. <i>Journal of Applied Physics</i> , <b>2014</b> , 116, 094305	2.5	26
106	Spectral narrowing of emission in self-assembled colloidal photonic superlattices. <i>Journal of Applied Physics</i> , <b>2006</b> , 100, 123112	2.5	26
105	Scanning tunneling microscopy and spectroscopy of donor-acceptor-donor triads at the liquid/solid interface. <i>ChemPhysChem</i> , <b>2005</b> , 6, 2389-95	3.2	26
104	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> , <b>2011</b> , 218, 117-129	4.7	24
103	Influence of Molecular Structure on the Aggregating Properties of Thiocarbocyanine Dyes Adsorbed to Langmuir Films at the Air/Water Interface. <i>Langmuir</i> , <b>2000</b> , 16, 9518-9526	4	24
102	One-Pot Synthesis and Characterization of All-Conjugated Poly(3-alkylthiophene)-block-poly(dialkylthieno[3,4-b]pyrazine). <i>Macromolecules</i> , <b>2014</b> , 47, 6671-6678	5.5	23
101	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> , <b>2004</b> , 108, 10721-10731	3.4	23
100	Reactions of 5-amino-1,2-azoles with aromatic and heterocyclic o-chloroaldehydes: [1+1] versus [2+1] cyclocondensation. <i>Tetrahedron</i> , <b>2001</b> , 57, 9123-9129	2.4	23
99	Photophysics and stability of cyano-substituted boradiazaindacene dyes. <i>Photochemical and Photobiological Sciences</i> , <b>2009</b> , 8, 1006-15	4.2	22



98	Influence of the Molecular Structure on the Lateral Distribution of Xanthene Dyes in Langmuir-Blodgett Films. <i>Langmuir</i> , <b>1999</b> , 15, 8465-8473	4	22
97	Silver Zeolite Composites-Based LEDs: A Novel Solid-State Lighting Approach. <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 1606411	15.6	21
96	Acid-Sensitive BODIPY Dyes: Synthesis through Pd-Catalyzed Direct C(sp <sup>2</sup> )-H Arylation and Photophysics. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 4687-4699	4.8	20
95	Electroluminescent characteristics of scandium and yttrium 8-quinolinolates. <i>Journal of Applied Physics</i> , <b>2008</b> , 104, 053706	2.5	20
94	The Influence of Meso-Substitution on the Photophysical Behavior of Some Thiocarbocyanine Dyes in Dilute Solution. <i>Journal of Physical Chemistry A</i> , <b>2001</b> , 105, 10196-10203	2.8	20
93	Diazadithia[7]helicenes: Synthetic Exploration, Solid-State Structure, and Properties. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 12077-85	4.8	19
92	Excitation energy transfer in dendritic host-guest donor-acceptor systems. <i>ChemPhysChem</i> , <b>2002</b> , 3, 1005-13	5.3	19
91	Nanometer space resolved photochemistry. <i>Chemical Communications</i> , <b>2001</b> , 585-592	5.8	19
90	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> , <b>2016</b> , 6, 102899-102913	3.7	18
89	Revealing the excited-state dynamics of the fluorescent protein Dendra2. <i>Journal of Physical Chemistry B</i> , <b>2013</b> , 117, 2300-13	3.4	18
88	Determination of the nature of the lowest triplet state of the intramolecular charge-transfer probes DMABN and DMABA by laser-induced optoacoustic spectroscopy. <i>Chemical Physics Letters</i> , <b>1997</b> , 279, 303-308	2.5	18
87	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> , <b>2002</b> , 18, 8407-8417	4	18
86	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> , <b>2015</b> , 91, 637-53	3.6	17
85	Fluorescence spectra shape based dynamic thermometry. <i>Applied Physics Letters</i> , <b>2014</b> , 104, 031902	3.4	17
84	Formation of Highly Oriented Domains of a Thiocarbocyanine Dye in a Monolayer at the Air-Water Interface. <i>Langmuir</i> , <b>2002</b> , 18, 1641-1648	4	17
83	Emission from Zeolite-Occluded Manganese-Diimine Complexes. <i>Chemistry - A European Journal</i> , <b>1996</b> , 2, 592-597	4.8	17
82	Micellar properties of aqueous solutions of hexadecyltrimethylammonium salts in the presence of nonionic polymer. <i>Macromolecules</i> , <b>1993</b> , 26, 687-694	5.5	17
81	Simultaneous analysis of single-photon timing data with a reference method: Application to a poisson distribution of decay rates. <i>Chemical Physics</i> , <b>1988</b> , 121, 199-209	2.3	17

80	Charge transport and recombination in P3HT:PbS solar cells. <i>Journal of Applied Physics</i> , <b>2015</b> , 117, 095502-5	2.5	16
79	Shaping the Optical Properties of Silver Clusters Inside Zeolite A via Guest-Host-Guest Interactions. <i>Journal of Physical Chemistry Letters</i> , <b>2018</b> , 9, 5344-5350	6.4	16
78	Wideband fluorescence-based thermometry by neural network recognition: Photothermal application with 10 ns time resolution. <i>Journal of Applied Physics</i> , <b>2015</b> , 118, 184906	2.5	16
77	Facile Morphology-Controlled Synthesis of Organolead Iodide Perovskite Nanocrystals Using Binary Capping Agents. <i>ChemNanoMat</i> , <b>2017</b> , 3, 223-227	3.5	15
76	Hole transport in blue and white emitting polymers. <i>Journal of Applied Physics</i> , <b>2008</b> , 103, 113711	2.5	15
75	Charge carrier mobility in CBP films doped with Ir(ppy) <sub>3</sub> <b>2006</b> , 6192, 419		15
74	Confocal Fluorescence Microscopy and AFM of Thiocyanine J Aggregates in Langmuir-Schaefer Monolayers. <i>Langmuir</i> , <b>2003</b> , 19, 9831-9840	4	15
73	The micelle-water monomer exchange process in solutions of ionic surfactants measured by transient fluorescence quenching. <i>Chemical Physics Letters</i> , <b>1989</b> , 155, 587-592	2.5	15
72	Structural and Photophysical Characterization of Ag Clusters in LTA Zeolites. <i>Journal of Physical Chemistry C</i> , <b>2019</b> , 123, 10630-10638	3.8	14
71	Electroluminescent Guest@MOF Nanoparticles for Thin Film Optoelectronics and Solid-State Lighting. <i>Advanced Optical Materials</i> , <b>2020</b> , 8, 2000670	8.1	14
70	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> , <b>2013</b> , 113, 083507	2.5	14
69	Morpholinecarbonyl-Rhodamine 110 based substrates for the determination of protease activity with accurate kinetic parameters. <i>Bioconjugate Chemistry</i> , <b>2011</b> , 22, 1932-8	6.3	14
68	Simultaneous analysis of fluorescence decay curves for the one-step determination of the mean aggregation number of aqueous micelles. <i>Chemical Physics Letters</i> , <b>1988</b> , 146, 337-342	2.5	14
67	Excited state dynamics of photoswitchable fluorescent protein Padron. <i>Journal of Physical Chemistry B</i> , <b>2013</b> , 117, 16422-7	3.4	13
66	Simultaneous liquid chromatography determination of polyamines and arylalkyl monoamines. <i>Analytical Biochemistry</i> , <b>2006</b> , 354, 127-31	3.1	13
65	Fluorophores-modified silica sphere as emission probe in photonic crystals. <i>Chemical Physics Letters</i> , <b>2006</b> , 421, 1-4	2.5	13
64	Determination of the Photoinduced Electron Transfer Rate Constant in Langmuir-Blodgett Films by Time-Resolved Fluorescence. <i>Langmuir</i> , <b>1999</b> , 15, 4641-4647	4	13
63	The synthesis and spectroscopic characterization of poly(p-phenylene ethynylene) with 3-connected BODIPY end groups. <i>Dyes and Pigments</i> , <b>2011</b> , 88, 372-377	4.6	12



62	On the use of Z-scan fluorescence correlation experiments on giant unilamellar vesicles. <i>Chemical Physics Letters</i> , <b>2009</b> , 469, 110-114	2.5	12
61	Self-Assembly of a Functionalized Alkylated Isophthalic Acid at the Au(111)/Electrolyte Interface: Structure and Dynamics. <i>Journal of Physical Chemistry C</i> , <b>2009</b> , 113, 11567-11574	3.8	12
60	Oxygen-Induced Degradation in C60-Based Organic Solar Cells: Relation Between Film Properties and Device Performance. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 9798-805	9.5	12
59	Self-Assembling Azaindole Organogel for Organic Light-Emitting Devices (OLEDs). <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 1702176	15.6	12
58	Iodide mediated reductive decomposition of diazonium salts: towards mild and efficient covalent functionalization of surface-supported graphene. <i>Nanoscale</i> , <b>2020</b> , 12, 11916-11926	7.7	11
57	Charge separation dynamics at bulk heterojunctions between poly(3-hexylthiophene) and PbS quantum dots. <i>Journal of Applied Physics</i> , <b>2015</b> , 118, 055502	2.5	11
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