FranÃ§isco M Raymo

List of Publications by Year
in descending order

244	20,537	14655 66	11052 137
papers	citations	h-index	g-index

250	250	250	13707
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Supramolecular Association of Halochromic Switches and Halloysite Nanotubes in Fluorescent Nanoprobes for Tumor Detection. ACS Applied Nano Materials, 2022, 5, 13729-13736.	5.0	7
2	Fluorescence Switching for Temperature Sensing in Water. Journal of the American Chemical Society, 2022, 144, 4759-4763.	13.7	24
3	Nanocarrier based on halloysite and fluorescent probe for intracellular delivery of peptide nucleic acids. Journal of Colloid and Interface Science, 2022, 620, 221-233.	9.4	15
4	Photo racemization of 2,2â€²â€dihydroxyâ€1,1â€²â€binaphthyl derivatives. Chirality, 2022, 34, 317-324.	2.6	5
5	Blue circularly polarized luminescent amorphous molecules with single-handed propeller chirality induced by circularly polarized light irradiation. Chemical Communications, 2021, 57, 1794-1797.	4.1	10
6	Switchable Coumarins for Ratiometric pH Sensing. Frontiers in Materials, 2021, 8, .	2.4	1
7	Multi-replica biased sampling for photoswitchable Ï€-conjugated polymers. Journal of Chemical Physics, 2021, 154, 174108.	3.0	6
8	Metal ion coordination in peptide fragments of neurotrophins: A crucial step for understanding the role and signaling of these proteins in the brain. Coordination Chemistry Reviews, 2021, 435, 213790.	18.8	11
9	BODIPYs with Photoactivatable Fluorescence. Chemistry - A European Journal, 2021, 27, 11257-11267.	3.3	20
10	Frontispiece: BODIPYs with Photoactivatable Fluorescence. Chemistry - A European Journal, 2021, 27, .	3.3	0
11	Shape factors in the binding of soft fluorescent nanoshuttles with target receptors. Molecular Systems Design and Engineering, 2021, 6, 281-285.	3.4	0
12	Large polarization of pushâ€“pull â€œCruciformsâ€viacoordination with lanthanide ions. New Journal of Chemistry, 2021, 46, 221-227.	2.8	5
13	Pyrazolones Activate the Proteasome by Gating Mechanisms and Protect Neuronal Cells from Î²â€Amyloid Toxicity. ChemMedChem, 2020, 15, 302-316.	3.2	15
14	Far-red photoactivatable BODIPYs for the super-resolution imaging of live cells. Methods in Enzymology, 2020, 640, 131-147.	1.0	1
15	Learning how planarization can affect dichroic patterns in polyfluorenes. Chirality, 2020, 32, 661-666.	2.6	4
16	Live-Cell Imaging at the Nanoscale with Bioconjugatable and Photoactivatable Fluorophores. Bioconjugate Chemistry, 2020, 31, 1052-1062.	3.6	14
17	A Synthetic Strategy for the Structural Modification of Photoactivatable BODIPYâ€Oxazine Dyads. ChemPhotoChem, 2020, 4, 332-337.	3.0	5
18	Synergistic Approach of Ultrafast Spectroscopy and Molecular Simulations in the Characterization of Intramolecular Charge Transfer in Push-Pull Molecules. Molecules, 2020, 25, 430.	3.8	24

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19	Compact, â€œClickableâ€•Quantum Dots Photoligated with Multifunctional Zwitterionic Polymers for Immunofluorescence and In Vivo Imaging. Bioconjugate Chemistry, 2020, 31, 1497-1509.	3.6	19
20	Photoactivatable fluorophores for single-molecule localization microscopy of live cells. Methods and Applications in Fluorescence, 2020, 8, 032002.	2.3	15
21	Molecular Simulations of Biological Nanoswitches. , 2020, , 1-5.		1
22	High-Throughput Single-Molecule Spectroscopy Resolves the Conformational Isomers of BODIPY Chromophores. Journal of Physical Chemistry Letters, 2019, 10, 6807-6812.	4.6	13
23	An all-photonic full color RGB system based on molecular photoswitches. Nature Communications, 2019, 10, 3996.	12.8	70
24	Photopotentiation of the GABA _A receptor with caged diazepam. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 21176-21184.	7.1	10
25	Ratiometric temperature sensing with fluorescent thermochromic switches. Chemical Communications, 2019, 55, 1112-1115.	4.1	40
26	Ubiquitin binds the amyloid Î² peptide and interferes with its clearance pathways. Chemical Science, 2019, 10, 2732-2742.	7.4	46
27	Structural designs for ratiometric temperature sensing with organic fluorophores. Journal of Materials Chemistry C, 2019, 7, 5333-5342.	5.5	37
28	The Copper(II)-Assisted Connection between NGF and BDNF by Means of Nerve Growth Factor-Mimicking Short Peptides. Cells, 2019, 8, 301.	4.1	25
29	The curious case of opossum prion: a physicochemical study on copper(<scp>ii</scp>) binding to the bis-decarepeat fragment from the protein N-terminal domain. Dalton Transactions, 2019, 48, 17533-17543.	3.3	4
30	Photochemical Barcodes. Journal of the American Chemical Society, 2018, 140, 4485-4488.	13.7	36
31	Far-Red Photoactivatable BODIPYs for the Super-Resolution Imaging of Live Cells. Journal of the American Chemical Society, 2018, 140, 12741-12745.	13.7	71
32	A Versatile Computational Strategy To Characterize the Free-Energy Landscape of Excited States in Oligofluorenes. Journal of Chemical Theory and Computation, 2018, 14, 5441-5445.	5.3	12
33	Temperature-dependent UV absorption of biphenyl based on intra-molecular rotation investigated within a combined experimental and TD-DFT approach. Liquid Crystals, 2018, 45, 2048-2053.	2.2	13
34	A Photoactivatable Far-Red/Near-Infrared BODIPY To Monitor Cellular Dynamics in Vivo. ACS Sensors, 2018, 3, 1347-1353.	7.8	29
35	Fluorescence activation with switchable oxazines. Chemical Communications, 2018, 54, 8799-8809.	4.1	37
36	Bright and compact macromolecular probes for bioimaging applications. , 2018, , .		0

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37	Fluorescence patterning with mild illumination in polymer films of photocleavable oxazines. Journal of Materials Chemistry C, 2017, 5, 1179-1183.	5.5	11
38	Bioimaging with Macromolecular Probes Incorporating Multiple BODIPY Fluorophores. Bioconjugate Chemistry, 2017, 28, 1519-1528.	3.6	28
39	Structural implications on the excitation dynamics of fluorescent 3H-indolium cations. Physical Chemistry Chemical Physics, 2017, 19, 11904-11913.	2.8	10
40	Detection of nitroaromatic explosives by a 3D hyperbranched Ïƒâ€“Ï€ conjugated polymer based on a POSS scaffold. Journal of Materials Chemistry A, 2017, 5, 14343-14354.	10.3	44
41	Facile fabrication of AIE/AIEE-active fluorescent nanoparticles based on barbituric for cell imaging applications. RSC Advances, 2017, 7, 30229-30241.	3.6	38
42	Free-energy predictions and absorption spectra calculations for supramolecular nanocarriers and their photoactive cargo. Nanoscale, 2017, 9, 4989-4994.	5.6	11
43	Highlighting Cancer Cells with Halochromic Switches. ACS Sensors, 2017, 2, 92-101.	7.8	20
44	The integration of triggered drug delivery with real time quantification using FRET; creating a super â€˜smartâ€™ drug delivery system. Journal of Controlled Release, 2017, 264, 136-144.	9.9	16
45	Fluorescence activation with the plasmonic assistance of silver nanoparticles. Inorganica Chimica Acta, 2017, 468, 82-90.	2.4	0
46	A photoactivatable light tracer. Journal of Materials Chemistry C, 2017, 5, 12714-12719.	5.5	11
47	From Peptide Fragments to Whole Protein: Copper(II) Load and Coordination Features of IAPP. Chemistry - A European Journal, 2017, 23, 17898-17902.	3.3	10
48	A pHâ€Gated Photocage. Advanced Optical Materials, 2016, 4, 1363-1366.	7.3	4
49	Semiconductor Quantum Dots with Photoresponsive Ligands. Topics in Current Chemistry, 2016, 374, 73.	5.8	10
50	Structural Implications on the Properties of Self-Assembling Supramolecular Hosts for Fluorescent Guests. Langmuir, 2016, 32, 8676-8687.	3.5	10
51	A Photoswitchable Fluorophore for the Realâ€Time Monitoring of Dynamic Events in Living Organisms. Chemistry - A European Journal, 2016, 22, 15027-15034.	3.3	25
52	Supramolecular delivery of fluorescent probes in developing embryos. RSC Advances, 2016, 6, 72756-72760.	3.6	7
53	Tuning the Activation Wavelength of Photochromic Oxazines. ChemPhysChem, 2016, 17, 1852-1859.	2.1	4
54	A Photochromic Bioconjugate with Photoactivatable Fluorescence for Superresolution Imaging. Journal of Physical Chemistry C, 2016, 120, 12860-12870.	3.1	39

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55	Emission color tuning and white-light generation based on photochromic control of energy transfer reactions in polymer micelles. Chemical Science, 2016, 7, 5867-5871.	7.4	61
56	Twoâ€Photon Excitation of a Plasmonic Nanoswitch Monitored by Singleâ€Molecule Fluorescence Microscopy. Chemistry - A European Journal, 2016, 22, 7281-7287.	3.3	15
57	A fluorescent and halochromic indolizine switch. Journal of Materials Chemistry C, 2016, 4, 2744-2747.	5.5	29
58	Reversible Disassemblyâ€“Assembly of Octa Acidâ€“Guest Capsule in Water Triggered by a Photochromic Process. Organic Letters, 2016, 18, 1566-1569.	4.6	27
59	Oxazines: A New Class of Second-Order Nonlinear Optical Switches. Journal of the American Chemical Society, 2016, 138, 5052-5062.	13.7	104
60	Synthesis in living cells with the assistance of supramolecular nanocarriers. RSC Advances, 2016, 6, 32441-32445.	3.6	11
61	Self-Assembling Nanoparticles of Amphiphilic Polymers for In Vitro and In Vivo FRET Imaging. Topics in Current Chemistry, 2016, 370, 29-59.	4.0	6
62	Effect of Different Zâ€Inducers on the Stabilization of Z Portion in BZâ€DNA Sequence: Correlation Between Experimental and Simulation Data. Chirality, 2015, 27, 773-778.	2.6	5
63	Predicting the Switchable Screw Sense in Fluoreneâ€Based Polymers. Angewandte Chemie, 2015, 127, 2726-2730.	2.0	10
64	Plasmonic Acceleration of a Photochemical Replicator. Asian Journal of Organic Chemistry, 2015, 4, 233-238.	2.7	5
65	Supramolecular nanoreactors for intracellular singlet-oxygen sensitization. Nanoscale, 2015, 7, 14071-14079.	5.6	20
66	Photoactivatable BODIPYs Designed To Monitor the Dynamics of Supramolecular Nanocarriers. Journal of the American Chemical Society, 2015, 137, 4709-4719.	13.7	72
67	Predicting the Switchable Screw Sense in Fluoreneâ€Based Polymers. Angewandte Chemie - International Edition, 2015, 54, 2688-2692.	13.8	48
68	A Small Linear Peptide Encompassing the NGF N-Terminus Partly Mimics the Biological Activities of the Entire Neurotrophin in PC12 Cells. ACS Chemical Neuroscience, 2015, 6, 1379-1392.	3.5	20
69	Optical writing and reading with a photoactivatable carbazole. Physical Chemistry Chemical Physics, 2015, 17, 11140-11143.	2.8	12
70	Energy-Transfer Schemes To Probe Fluorescent Nanocarriers and Their Emissive Cargo. Langmuir, 2015, 31, 9557-9565.	3.5	18
71	Right-handed 2/1 helical arrangement of benzene molecules in cholic acid crystal established by experimental and theoretical circular dichroism spectroscopy. RSC Advances, 2015, 5, 101110-101114.	3.6	6
72	Bimolecular photoactivation of NBD fluorescence. New Journal of Chemistry, 2015, 39, 1570-1573.	2.8	7

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73	On-the-fly decoding luminescence lifetimes in the microsecond region for lanthanide-encoded suspension arrays. Nature Communications, 2014, 5, 3741.	12.8	135
74	Photoactivatable Anthracenes. Journal of Organic Chemistry, 2014, 79, 3973-3981.	3.2	20
75	Autocatalytic Fluorescence Photoactivation. Journal of the American Chemical Society, 2014, 136, 13798-13804.	13.7	26
76	Plasmonic Activation of a Fluorescent Carbazoleâ€“Oxazine Switch. Chemistry - A European Journal, 2014, 20, 10276-10284.	3.3	28
77	Saving paper with switchable ink. Dyes and Pigments, 2014, 106, 71-73.	3.7	44
78	Photoresponsive polymer nanocarriers with multifunctional cargo. Chemical Society Reviews, 2014, 43, 4167-4178.	38.1	114
79	Intracellular Guest Exchange between Dynamic Supramolecular Hosts. Journal of the American Chemical Society, 2014, 136, 7907-7913.	13.7	38
80	Fluorescence Activation with Photochromic Auxochromes. Israel Journal of Chemistry, 2013, 53, 247-255.	2.3	12
81	Superresolution Imaging with Switchable Fluorophores Based on Oxazine Auxochromes. Photochemistry and Photobiology, 2013, 89, 1391-1398.	2.5	21
82	Photoactivatable synthetic fluorophores. Physical Chemistry Chemical Physics, 2013, 15, 14840.	2.8	87
83	Formation of insulin fragments by insulinâ€degrading enzyme: the role of zinc(II) and cystine bridges. Journal of Mass Spectrometry, 2013, 48, 135-140.	1.6	36
84	Molecular Mechanism of Polyacrylate Helix Sense Switching across Its Free Energy Landscape. Journal of the American Chemical Society, 2013, 135, 5509-5512.	13.7	65
85	Activation of BODIPY fluorescence by the photoinduced dealkylation of a pyridinium quencher. Physical Chemistry Chemical Physics, 2013, 15, 14851.	2.8	21
86	Fluorescence Photoactivation by Ligand Exchange around the Boron Center of a BODIPY Chromophore. Organic Letters, 2013, 15, 3154-3157.	4.6	33
87	Zinc(II) Interactions with Brain-Derived Neurotrophic Factor N-Terminal Peptide Fragments: Inorganic Features and Biological Perspectives. Inorganic Chemistry, 2013, 52, 11075-11083.	4.0	27
88	Guest Editorial: Photochromic Control of Molecular and Macroscopic Properties. Israel Journal of Chemistry, 2013, 53, 235-235.	2.3	3
89	Computational Insights on the Isomerization of Photochromic Oxazines. Journal of Physical Chemistry A, 2012, 116, 11888-11895.	2.5	19
90	Photoinduced Fluorescence Activation and Nitric Oxide Release with Biocompatible Polymer Nanoparticles. Chemistry - A European Journal, 2012, 18, 15782-15787.	3.3	51

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91	Photoactivatable Fluorophores for Super-Resolution Imaging Based on Oxazine Auxochromes. Journal of Physical Chemistry C, 2012, 116, 6058-6068.	3.1	123
92	Fluorescence Photoactivation by Intermolecular Proton Transfer. Journal of Physical Chemistry A, 2012, 116, 9928-9933.	2.5	31
93	Photoinduced Enhancement in the Luminescence of Hydrophilic Quantum Dots Coated with Photocleavable Ligands. Journal of the American Chemical Society, 2012, 134, 2276-2283.	13.7	51
94	Photoactivatable Synthetic Dyes for Fluorescence Imaging at the Nanoscale. Journal of Physical Chemistry Letters, 2012, 3, 2379-2385.	4.6	64
95	Insights into the isomerization of photochromic oxazines from the excitation dynamics of BODIPYâ€“oxazine dyads. Physical Chemistry Chemical Physics, 2012, 14, 10300.	2.8	33
96	Fast Fluorescence Switching within Hydrophilic Supramolecular Assemblies. Chemistry - A European Journal, 2012, 18, 10399-10407.	3.3	35
97	Synthesis and properties of molecular switches based on the opening and closing of oxazine rings. Journal of Photochemistry and Photobiology A: Chemistry, 2012, 229, 20-28.	3.9	20
98	Photoactivatable Fluorophores. , 2012, 2012, 1-15.		13
99	Molecular strategies to read and write at the nanoscale with far-field optics. Nanoscale, 2011, 3, 59-70.	5.6	28
100	A photoswitchable bichromophoric oxazine with fast switching speeds and excellent fatigue resistance. Canadian Journal of Chemistry, 2011, 89, 110-116.	1.1	16
101	Supramolecular Strategies To Construct Biocompatible and Photoswitchable Fluorescent Assemblies. Journal of the American Chemical Society, 2011, 133, 871-879.	13.7	141
102	Fast and Stable Photochromic Oxazines for Fluorescence Switching. Langmuir, 2011, 27, 11773-11783.	3.5	73
103	Structural and Size Effects on the Spectroscopic and Redox Properties of CdSe Nanocrystals in Solution: The Role of Defect States. ChemPhysChem, 2011, 12, 2280-2288.	2.1	45
104	A chiralityâ€based metrics for freeâ€energy calculations in biomolecular systems. Journal of Computational Chemistry, 2011, 32, 2627-2637.	3.3	25
105	Photochromic Compounds for Fluorescence Nanoscopy. Current Physical Chemistry, 2011, 1, 232-241.	0.2	13
106	Hydrophilic CdSeâ^'ZnS Coreâ^'Shell Quantum Dots with Reactive Functional Groups on Their Surface. Langmuir, 2010, 26, 11503-11511.	3.5	89
107	Microwave-assisted synthesis of symmetric and asymmetric viologens. Tetrahedron Letters, 2010, 51, 5618-5620.	1.4	24
108	Structural Implications on the Electrochemical and Spectroscopic Signature of CdSe-ZnS Coreâ^'Shell Quantum Dots. Journal of Physical Chemistry C, 2010, 114, 7007-7013.	3.1	40

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109	Fluorescence Switching with a Photochromic Auxochrome. Journal of Physical Chemistry Letters, 2010, 1, 3506-3509.	4.6	62
110	Optical control of quantum dot luminescence via photoisomerization of a surface-coordinated, cationic dithienylethene. Photochemical and Photobiological Sciences, 2010, 9, 249.	2.9	50
111	Photoswitchable Fluorescent Dyads Incorporating BODIPY and [1,3]Oxazine Components. Journal of Physical Chemistry A, 2010, 114, 11567-11575.	2.5	50
112	Fast Fluorescence Photoswitching in a BODIPYâˆ'Oxazine Dyad with Excellent Fatigue Resistance. Journal of Physical Chemistry Letters, 2010, 1, 1690-1693.	4.6	42
113	Anti-proliferative and anti-cancer properties of Achyranthes aspera: Specific inhibitory activity against pancreatic cancer cells. Journal of Ethnopharmacology, 2010, 131, 78-82.	4.1	35
114	Redox properties of CdSe and CdSeâ€“ZnS quantum dots in solution. Pure and Applied Chemistry, 2010, 83, 1-8.	1.9	24
115	Self-assembling films of chiral bipyridinium bisthiols. Journal of Materials Chemistry, 2010, 20, 981-989.	6.7	6
116	Hydrophilic and photochromic switches based on the opening and closing of [1,3]oxazine rings. Photochemical and Photobiological Sciences, 2010, 9, 136-140.	2.9	18
117	Fluorescence patterning in films of a photoswitchable BODIPYâ€“spiropyran dyad. Physical Chemistry Chemical Physics, 2010, 12, 11630.	2.8	28
118	Photochromic Polymers Based on the Photoinduced Opening and Thermal Closing of [1,3]Oxazine Rings. Advanced Functional Materials, 2009, 19, 3956-3961.	14.9	30
119	Allâ€Optical Integrated Logic Operations Based on Chemical Communication between Molecular Switches. Chemistry - A European Journal, 2009, 15, 178-185.	3.3	124
120	Conformational Preferences of the Full Chicken Prion Protein in Solution and Its Differences with Respect to Mammals. ChemPhysChem, 2009, 10, 1500-1510.	2.1	8
121	Absorption Spectra of 4â€Nitrophenolate Ions Measured in Vacuo and in Solution. ChemPhysChem, 2009, 10, 1207-1209.	2.1	29
122	Inside Cover: Absorption Spectra of 4-Nitrophenolate Ions Measuredin Vacuoand in Solution (ChemPhysChem 8/2009). ChemPhysChem, 2009, 10, 1150-1150.	2.1	0
123	Fluorescent Switches Based on Photochromic Compounds. European Journal of Organic Chemistry, 2009, 2009, 2031-2045.	2.4	167
124	Photochromic Oxazines with Extended Conjugation. European Journal of Organic Chemistry, 2009, 2009, 4333-4339.	2.4	34
125	Copper(II) complexes with an avian prion N-terminal region and their potential SOD-like activity. Journal of Inorganic Biochemistry, 2009, 103, 195-204.	3.5	27
126	Optical and chiroptical switches based on photoinduced photon and proton transfer in copolymers containing spiropyran and azopyridine chromophores in their side chains. Polymer, 2009, 50, 5638-5646.	3.8	17

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127	Biocompatible CdSeâˆ’ZnS Coreâˆ’Shell Quantum Dots Coated with Hydrophilic Polythiols. Langmuir, 2009, 25, 7090-7096.	3.5	95
128	Substituent Effects on the Photochromism of Bichromophoric Oxazines. Journal of Physical Chemistry C, 2009, 113, 8491-8497.	3.1	53
129	Fluorescence modulation with photochromic switches in nanostructured constructs. Chemical Society Reviews, 2009, 38, 1859.	38.1	318
130	Chiroptical Switching Based on Photoinduced Proton Transfer between Homopolymers Bearing Sideâ€Chain Spiropyran and Azopyridine Moieties. Macromolecular Chemistry and Physics, 2008, 209, 2049-2060.	2.2	24
131	Amplification of the Coloration Efficiency of Photochromic Oxazines. Advanced Materials, 2008, 20, 832-835.	21.0	34
132	A new family of photochromic compounds based on the photoinduced opening and thermal closing of [1,3]oxazine rings. Journal of Photochemistry and Photobiology A: Chemistry, 2008, 200, 44-49.	3.9	34
133	Electron and energy transfer mechanisms to switch the luminescence of semiconductor quantum dots. Journal of Materials Chemistry, 2008, 18, 5577.	6.7	42
134	Dithiolane ligands for semiconductor quantum dots. Journal of Materials Chemistry, 2008, 18, 3940.	6.7	12
135	Luminescence quenching in supramolecular assemblies of quantum dots and bipyridinium dications. Journal of Materials Chemistry, 2008, 18, 2022.	6.7	32
136	Photoswitchable Fluorescent Assemblies Based on Hydrophilic BODIPYâˆ’Spiropyran Conjugates. Journal of Physical Chemistry C, 2008, 112, 8038-8045.	3.1	113
137	Bichromophoric Photochromes Based on the Opening and Closing of a Single Oxazine Ring. Journal of Organic Chemistry, 2008, 73, 118-126.	3.2	64
138	Oxidation of Aqueous EDTA and Associated Organics and Coprecipitation of Inorganics by Ambient Iron-Mediated Aeration. Environmental Science & Technology, 2007, 41, 270-276.	10.0	101
139	A Simple Molecular Machine Operated by Photoinduced Proton Transfer. Journal of the American Chemical Society, 2007, 129, 13378-13379.	13.7	195
140	Synthesis and Properties of Benzophenoneâˆ’Spiropyran and Naphthaleneâˆ’Spiropyran Conjugates. Journal of Organic Chemistry, 2007, 72, 595-605.	3.2	61
141	Luminescent chemosensors based on semiconductor quantum dots. Physical Chemistry Chemical Physics, 2007, 9, 2036.	2.8	112
142	Electroactive Films of Multicomponent Building Blocks. Advanced Functional Materials, 2007, 17, 814-820.	14.9	10
143	Nanoparticle-induced transition from positive to negative photochromism. Inorganica Chimica Acta, 2007, 360, 938-944.	2.4	43
144	Photochromic nanocomposites of bipyridinium dications and semiconductor quantum dots. Journal of Materials Chemistry, 2006, 16, 1118.	6.7	17

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145	A multistate ensemble of molecular switches. New Journal of Chemistry, 2006, 30, 515.	2.8	5
146	Self-assembling and electrochromic films of bipyridinium building blocks. Journal of Materials Chemistry, 2006, 16, 3171.	6.7	13
147	pH-Sensitive Quantum Dots. Journal of Physical Chemistry B, 2006, 110, 3853-3855.	2.6	162
148	Luminescence Modulation with Semiconductor Quantum Dots and Photochromic Ligands. Australian Journal of Chemistry, 2006, 59, 175.	0.9	50
149	Chromogenic Oxazines for Cyanide Detection. Journal of Organic Chemistry, 2006, 71, 744-753.	3.2	265
150	A simple atomic force microscopy method for the visualization of polar and non-polar parts in thin organic films. Journal of Experimental Nanoscience, 2006, 1, 63-73.	2.4	2
151	pH-Sensitive Ligand for Luminescent Quantum Dots. Langmuir, 2006, 22, 10284-10290.	3.5	118
152	Optical Processing with Photochromic Switches. Chemistry - A European Journal, 2006, 12, 3186-3193.	3.3	181
153	Intermolecular Coupling of Motion under Photochemical Control. Angewandte Chemie - International Edition, 2006, 45, 5249-5251.	13.8	40
154	Optically Transparent, Ultrathin Pt Films as Versatile Metal Substrates for Molecular Optoelectronics. Advanced Functional Materials, 2006, 16, 1425-1432.	14.9	39
155	A mechanism to signal receptor-substrate interactions with luminescent quantum dots. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 11457-11460.	7.1	141
156	Self-assembly of naphthalene diimides into cylindrical microstructures. Tetrahedron Letters, 2005, 46, 5695-5698.	1.4	33
157	A Fast and Stable Photochromic Switch Based on the Opening and Closing of an Oxazine Ring. Organic Letters, 2005, 7, 1109-1112.	4.6	117
158	Fluorescence Modulation in Polymer Bilayers Containing Fluorescent and Photochromic Dopants. Advanced Functional Materials, 2005, 15, 787-794.	14.9	67
159	Electrochemical Switching of Chromogenic Monolayers Self-Assembled on Transparent Platinum Electrodes. Advanced Materials, 2005, 17, 1390-1393.	21.0	28
160	Supramolecular Assembly of 2,7-Dimethyldiazapyrenium and Cucurbit[8]uril: A New Fluorescent Host for Detection of Catechol and Dopamine. Chemistry - A European Journal, 2005, 11, 7054-7059.	3.3	175
161	Copper(II) complexes with chicken prion repeats: influence of proline and tyrosine residues on the coordination features. Journal of Biological Inorganic Chemistry, 2005, 10, 463-475.	2.6	42
162	Tight inclusion complexation of 2,7-dimethyldiazapyrenium in cucurbit[7]uril. New Journal of Chemistry, 2005, 29, 280.	2.8	88

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163	Optical writing and reading with bilayer assemblies of photosensitive and fluorescent films. Journal of Materials Chemistry, 2005, 15, 4354.	6.7	18
164	Self-Assembling Bipyridinium Multilayers. Journal of Physical Chemistry B, 2005, 109, 6164-6173.	2.6	30
165	Fluorescent Diazapyrenium Films and Their Response to Dopamine. Langmuir, 2005, 21, 5795-5802.	3.5	36
166	Fast and Stable Photochromic Oxazines. Journal of Organic Chemistry, 2005, 70, 8180-8189.	3.2	132
167	Fluorescence Modulation with Photochromic Switches. Journal of Physical Chemistry A, 2005, 109, 7343-7352.	2.5	191
168	Colorimetric Detection of Cyanide with a Chromogenic Oxazine. Organic Letters, 2005, 7, 4633-4636.	4.6	229
169	Electron and energy transfer modulation with photochromic switches. Chemical Society Reviews, 2005, 34, 327.	38.1	552
170	Electron transport in bipyridinium films. Chemical Record, 2004, 4, 204-218.	5.8	15
171	Photoinduced proton exchange between molecular switches. Tetrahedron, 2004, 60, 10973-10981.	1.9	74
172	Donor/Acceptor Interactions in Self-Assembled Monolayers and Their Consequences on Interfacial Electron Transfer. Journal of Physical Chemistry B, 2004, 108, 19307-19313.	2.6	21
173	Electron Transport in Self-Assembled Bipyridinium Multilayersâ€. Journal of Physical Chemistry B, 2004, 108, 8622-8625.	2.6	22
174	Porphyrin-Containing Glycodendrimers. European Journal of Organic Chemistry, 2003, 2003, 288-294.	2.4	28
175	Memory Effects Based on Intermolecular Photoinduced Proton Transfer. Journal of the American Chemical Society, 2003, 125, 2361-2364.	13.7	190
176	A Switch in a Cage with a Memory. Organic Letters, 2003, 5, 3559-3562.	4.6	65
177	Digital Processing with a Three-State Molecular Switch. Journal of Organic Chemistry, 2003, 68, 4158-4169.	3.2	196
178	All-optical processing with molecular switches. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 4941-4944.	7.1	193
179	Supramolecular Association of Dopamine with Immobilized Fluorescent Probes. Organic Letters, 2002, 4, 3183-3185.	4.6	33
180	Multichannel Digital Transmission in an Optical Network of Communicating Molecules. Journal of the American Chemical Society, 2002, 124, 2004-2007.	13.7	168

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181	Ferrocene-Containing Carbohydrate Dendrimers. Chemistry - A European Journal, 2002, 8, 673-684.	3.3	110
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