

Quantitative Photoswitching in Bis(dithiazole)ethene E Encoding Optical Signals

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Multichromophoric sugar for fluorescence photoswitching. Beilstein Journal of Organic Chemistry, 2014, 10, 1471-1481.	1.3	10
2	Sequential Logic Operations with a Molecular Keypad Lock with Four Inputs and Dual Fluorescence Outputs. Angewandte Chemie - International Edition, 2014, 53, 10481-10484.	7.2	86
3	A Highly Efficient Silole-Containing Dithienylethene with Excellent Thermal Stability and Fatigue Resistance: A Promising Candidate for Optical Memory Storage Materials. Journal of the American Chemical Society, 2014, 136, 16994-16997.	6.6	105
5	Multicolour Fluorescent Memory Based on the Interaction of Hydroxy Terphenyls with Fluoride Anions. Chemistry - A European Journal, 2014, 20, 16293-16300.	1.7	5
7	Reversible photoswitching specifically responds to mercury(Hg^{2+}) ions: the gated photochromism of bis(dithiazole)ethene. Chemical Communications, 2014, 50, 14205-14208.	2.2	36
8	Photoswitching of the Triplet Excited State of DiiodoBodipy-Dithienylethene Triads and Application in Photo-Controllable Triplet-Triplet Annihilation Upconversion. Journal of Organic Chemistry, 2014, 79, 10855-10866.	1.7	39
9	Switching of the triplet excited state of rhodamine-C60 dyads. Chemical Communications, 2014, 50, 15627-15630.	2.2	19
10	Nonsymmetrical 3,4-Dithienylmaleimides by Cross-Coupling Reactions with Indium Organometallics: Synthesis and Photochemical Studies. Chemistry - A European Journal, 2014, 20, 14524-14530.	1.7	20
11	Encoding Optical Signals. Angewandte Chemie - International Edition, 2014, 53, 6600-6601.	7.2	16
12	Smart responsive phosphorescent materials for data recording and security protection. Nature Communications, 2014, 5, 3601.	5.8	694
13	Reversible Photoswitching of Triplet-Triplet Annihilation Upconversion Using Dithienylethene Photochromic Switches. Journal of the American Chemical Society, 2014, 136, 9256-9259.	6.6	111
14	Information gathering and processing with fluorescent molecules. Frontiers of Chemical Science and Engineering, 2014, 8, 240-251.	2.3	11
15	“Plug and Play” Logic Gates Based on Fluorescence Switching Regulated by Self-Assembly of Nucleotide and Lanthanide Ions. ACS Applied Materials & Interfaces, 2014, 6, 9557-9562.	4.0	33
16	Synthesis and spectral properties of fluorescent photochromic diarylethenes with 6,6a-dihydropentalene-2(1H)-one ethene bridge. Dyes and Pigments, 2014, 109, 105-112.	2.0	9
17	Investigation of a Naphthalimide Based OH^{\cdot} Sensor with Quinoline Attached. Molecular Crystals and Liquid Crystals, 2015, 622, 84-93.	0.4	5
18	Crystal Violet Lactone Salicylaldehyde Hydrazone Zn(II) Complex: a Reversible Photochromic Material both in Solution and in Solid Matrix. Scientific Reports, 2015, 5, 14467.	1.6	14
19	Amphiphilic BODIPY-Based Photoswitchable Fluorescent Polymeric Nanoparticles for Rewritable Patterning and Dual-Color Cell Imaging. Macromolecules, 2015, 48, 3500-3508.	2.2	91
20	Investigation of a Photochromic Diarylethene with Electron-acceptor Attached. Molecular Crystals and Liquid Crystals, 2015, 621, 102-111.	0.4	0

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23	Enhanced Photoreversible Color Switching of Redox Dyes Catalyzed by Barium-Doped TiO ₂ Nanocrystals. Angewandte Chemie - International Edition, 2015, 54, 1321-1326.	7.2	70
24	CB[8] gated photochromism of a diarylethene derivative containing thiazole orange groups. Chemical Communications, 2015, 51, 6667-6670.	2.2	25
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28	Tunable solid-state fluorescent materials for supramolecular encryption. Nature Communications, 2015, 6, 6884.	5.8	363
29	DiiodoBodipy-Rhodamine Dyads: Preparation and Study of the Acid-Activatable Competing Intersystem Crossing and Energy Transfer Processes. Journal of Physical Chemistry B, 2015, 119, 4175-4187.	1.2	16
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31	Thiol-Activated Triplet-Triplet Annihilation Upconversion: Study of the Different Quenching Effect of Electron Acceptor on the Singlet and Triplet Excited States of Bodipy. Journal of Organic Chemistry, 2015, 80, 5674-5686.	1.7	31
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33	Substitution effect on the photochromic properties of benzo[b]thiophene-1,1-dioxide based diarylethenes. RSC Advances, 2015, 5, 87626-87634.	1.7	8
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40	Switching of the Triplet Excited State of Rhodamine/Naphthaleneimide Dyads: An Experimental and Theoretical Study. <i>Journal of Organic Chemistry</i> , 2015, 80, 568-581.	1.7	24
41	Switching of the Tripletâ€“Triplet-Annihilation Upconversion with Photoresponsive Triplet Energy Acceptor: Photocontrollable Singlet/Triplet Energy Transfer and Electron Transfer. <i>Journal of Physical Chemistry A</i> , 2015, 119, 468-481.	1.1	39
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52	Recent Progress in Photoswitchable Supramolecular Selfâ€“Assembling Systems. <i>Advanced Optical Materials</i> , 2016, 4, 1322-1349.	3.6	149
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54	Photoswitchable NIRâ€“Emitting Gold Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11064-11068.	7.2	35
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72	A Stimuli-Responsive Smart Lanthanide Nanocomposite for Multidimensional Optical Recording and Encryption. <i>Angewandte Chemie</i> , 2017, 129, 2733-2737.	1.6	132
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77	Photoresponsive Organogelator: Utilization of Boron(III) Diketonate as a Building Block To Construct Multiresponsive Materials. <i>Organometallics</i> , 2017, 36, 2661-2669.	1.1	36
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118	Rewritable optical data storage based on mechanochromic fluorescence materials with aggregation-induced emission. <i>Dyes and Pigments</i> , 2019, 160, 830-838.	2.0	43
119	Quantum Coherent Modulation-Enhanced Single-Molecule Imaging Microscopy. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 223-228.	2.1	11
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132	New barbituric acid derivatives for data encryption and decryption based on the mechanochromic fluorescence effect. <i>Analyst</i> , The, 2020, 145, 5325-5332.	1.7	8
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134	pH-guided self-assembly of silver nanoclusters with aggregation-induced emission for rewritable fluorescent platform and white light emitting diode application. <i>Journal of Colloid and Interface Science</i> , 2020, 567, 235-242.	5.0	52
135	H-aggregate triggered mechanochromic luminescence property of 7-(diethylamino)-coumarin-3-carbaldehyde oxime derivative. <i>Tetrahedron Letters</i> , 2020, 61, 151797.	0.7	4
136	Photoactivatable fluorescent probes for spatiotemporal-controlled biosensing and imaging. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 125, 115811.	5.8	33
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