Mariano Bossi

List of Publications by Year
in descending order

25	2,026	516710 16	610901 24
papers	citations	h-index	g-index

28	28	28	2384
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bis-Rhodamines Bridged with a Diazoketone Linker: Synthesis, Structure, and Photolysis. Journal of Organic Chemistry, 2022, 87, 56-65.	3.2	0
2	Photoactivatable Fluorophore for Stimulated Emission Depletion (STED) Microscopy and Bioconjugation Technique for Hydrophobic Labels. Chemistry - A European Journal, 2021, 27, 451-458.	3.3	31
3	Turn-on mode diarylethenes for bioconjugation and fluorescence microscopy of cellular structures. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	45
4	The Positive Switching Fluorescent Protein Padron2 Enables Live-Cell Reversible Saturable Optical Linear Fluorescence Transitions (RESOLFT) Nanoscopy without Sequential Illumination Steps. ACS Nano, 2021, 15, 9509-9521.	14.6	9
5	Multicolour fluorescent â€œsulfideâ€“sulfoneâ€•diarylethenes with high photo-fatigue resistance. Chemical Communications, 2020, 56, 2198-2201.	4.1	16
6	Design and characterization of pH-sensitive spirorhodamine 6G probes with aliphatic substituents. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 384, 112011.	3.9	3
7	Mono- and bithiophene-substituted diarylethene photoswitches with emissive open or closed forms. Beilstein Journal of Organic Chemistry, 2019, 15, 2344-2354.	2.2	7
8	Reversibly Photoswitchable Fluorescent Diarylethenes Resistant against Photobleaching in Aqueous Solutions. Journal of the American Chemical Society, 2019, 141, 16471-16478.	13.7	75
9	Nanoporous silica nanoparticles functionalized with a fluorescent turn-on spirorhodamineamide as pH indicators. Photochemical and Photobiological Sciences, 2019, 18, 155-165.	2.9	5
10	Triarylmethane Fluorophores Resistant to Oxidative Photobluing. Journal of the American Chemical Society, 2019, 141, 981-989.	13.7	103
11	Asymmetric Diarylethenes with Oxidized 2â€Alkylbenzothiophenâ€3â€yl Units: Chemistry, Fluorescence, and Photoswitching. Advanced Optical Materials, 2019, 7, 1801746.	7.3	35
12	Photoactivatable Rhodamine Spiroamides and Diazoketones Decorated with â€œUniversal Hydrophilizerâ€• or Hydroxyl Groups. Journal of Organic Chemistry, 2018, 83, 6466-6476.	3.2	22
13	Fluorescent Photoswitchable Diarylethenes for Biolabeling and Single-Molecule Localization Microscopies with Optical Superresolution. Journal of the American Chemical Society, 2017, 139, 6611-6620.	13.7	177
14	Bichromophoric Compounds with Orthogonally and Parallelly Arranged Chromophores Separated by Rigid Spacers. Chemistry - A European Journal, 2017, 23, 2469-2475.	3.3	14
15	Carboxylated Photoswitchable Diarylethenes for Biolabeling and Superâ€Resolution RESOLFT Microscopy. Angewandte Chemie - International Edition, 2016, 55, 15429-15433.	13.8	127
16	Carboxylierte photoschaltbare Diarylethene als Biomarkierungen fÃ¼r hochauflÃ¶sende RESOLFTâ€Mikroskopie. Angewandte Chemie, 2016, 128, 15655-15659.	2.0	22
17	Masked Rhodamine Dyes of Five Principal Colors Revealed by Photolysis of a 2-Diazo-1-Indanone Caging Group: Synthesis, Photophysics, and Light Microscopy Applications. Chemistry - A European Journal, 2014, 20, 13044-13044.	3.3	1
18	Masked Rhodamine Dyes of Five Principal Colors Revealed by Photolysis of a 2â€Diazoâ€1â€Indanone Caging Group: Synthesis, Photophysics, and Light Microscopy Applications. Chemistry - A European Journal, 2014, 20, 13162-13173.	3.3	68

#	Article	IF	Citations
19	The mechanism of the photochromic transformation of spirorhodamines. Photochemical and Photobiological Sciences, 2012, 11, 1081.	2.9	43
20	Synthesis of Photochromic Compounds for Aqueous Solutions and Focusable Light. European Journal of Organic Chemistry, 2011, 2011, 3301-3312.	2.4	18
21	Rhodamine Spiroamides for Multicolor Singleâ€Molecule Switching Fluorescent Nanoscopy. Chemistry - A European Journal, 2009, 15, 10762-10776.	3.3	112
22	Fluorescence nanoscopy by ground-state depletion and single-molecule return. Nature Methods, 2008, 5, 943-945.	19.0	700
23	Multicolor Far-Field Fluorescence Nanoscopy through Isolated Detection of Distinct Molecular Species. Nano Letters, 2008, 8, 2463-2468.	9.1	224
24	Influence of Monolayer State on Spectroscopy and Photoisomerization of an Amphiphilic Styryl-Pyridinium Dye on a Solid Substrate. Langmuir, 2007, 23, 3699-3705.	3.5	7
25	Reversible Red Fluorescent Molecular Switches. Angewandte Chemie - International Edition, 2006, 45, 7462-7465.	13.8	158