

Frédéric Bolze

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,238
citations

471371

17
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580701

25
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26
all docs

26
docs citations

26
times ranked

1865
citing authors

#	ARTICLE	IF	CITATIONS
1	On the Road Toward More Efficient Biocompatible Two-Photon Excitable Fluorophores. Chemistry - A European Journal, 2022, , .	1.7	3
2	Silafluorene as a promising core for cell-permeant, highly bright and two-photon excitable fluorescent probes for live-cell imaging. Dyes and Pigments, 2021, 187, 109083.	2.0	9
3	Multimodal Theranostic Cyanine-Conjugated Gadolinium(III) Complex for <i>In Vivo</i> Imaging of Amyloid- β^2 in an Alzheimer's Disease Mouse Model. ACS Applied Materials & Interfaces, 2021, 13, 18525-18532.	4.0	30
4	Photolytical reactions for light induced biological effectors release: on the road to the phototherapeutic window. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2021, 101, 291-304.	0.9	8
5	Two-Photon Sensitive Coumarinyl Photoremovable Protecting Groups with Rigid Electron-Rich Cycles Obtained by Domino Reactions Initiated by a 5- <i>exo</i> -Dig Cyclocarbopalladation. Organic Letters, 2021, 23, 7580-7585.	2.4	13
6	Monitoring of uncaging processes by designing photolytical reactions. Photochemical and Photobiological Sciences, 2020, 19, 1122-1133.	1.6	7
7	Synthesis and In Vitro Studies of a Gd(DOTA)-Porphyrin Conjugate for Combined MRI and Photodynamic Treatment. Inorganic Chemistry, 2020, 59, 14389-14398.	1.9	20
8	Tumour-targeting photosensitisers for one- and two-photon activated photodynamic therapy. Organic and Biomolecular Chemistry, 2019, 17, 6585-6594.	1.5	16
9	Synthesis and Characterization of Photoactivatable Doxycycline Analogues Bearing Two-Photon-Sensitive Photoremovable Groups Suitable for Light-Induced Gene Expression. ChemBioChem, 2018, 19, 1341-1348.	1.3	14
10	A Porphyrin Dimer-GdDOTA Conjugate as a Theranostic Agent for One- and Two-Photon Photodynamic Therapy and MRI. Bioconjugate Chemistry, 2018, 29, 3726-3738.	1.8	35
11	<i>o</i> -Nitrobenzyl photoremovable groups with fluorescence uncaging reporting properties. Organic and Biomolecular Chemistry, 2018, 16, 6115-6122.	1.5	9
12	Molecular photosensitisers for two-photon photodynamic therapy. Chemical Communications, 2017, 53, 12857-12877.	2.2	198
13	Four Gadolinium(III) Complexes Appended to a Porphyrin: A Water-Soluble Molecular Theranostic Agent with Remarkable Relaxivity Suited for MRI Tracking of the Photosensitizer. Inorganic Chemistry, 2016, 55, 4545-4554.	1.9	49
14	Two-photon uncaging, from neuroscience to materials. Optical Materials Express, 2016, 6, 1679.	1.6	30
15	β -Extended diketopyrrolopyrrole-porphyrin arrays: one- and two-photon photophysical investigations and theoretical studies. Physical Chemistry Chemical Physics, 2016, 18, 21954-21965.	1.3	30
16	A Theranostic Agent Combining a Two-Photon-Absorbing Photosensitizer for Photodynamic Therapy and a Gadolinium(III) Complex for MRI Detection. Chemistry - A European Journal, 2016, 22, 2775-2786.	1.7	58
17	Diketopyrrolopyrrole-Porphyrin Conjugates with High Two-Photon Absorption and Singlet Oxygen Generation for Two-Photon Photodynamic Therapy. Angewandte Chemie - International Edition, 2015, 54, 169-173.	7.2	207
18	The donor-acceptor biphenyl platform: A versatile chromophore for the engineering of highly efficient two-photon sensitive photoremovable protecting groups. Photochemical and Photobiological Sciences, 2012, 11, 578.	1.6	43

#	ARTICLE	IF	CITATIONS
19	Water-Soluble, Donor-Acceptor Biphenyl Derivatives in the 2-(4-Nitrophenyl)propyl Series: Highly Efficient Two-Photon Uncaging of the Neurotransmitter γ -Aminobutyric Acid at $\lambda = 800$ nm. Angewandte Chemie - International Edition, 2012, 51, 1840-1843.	7.2	106
20	Boron-Containing Two-Photon-Absorbing Chromophores. 3. One- and Two-Photon Photophysical Properties of <i>p</i> -Carborane-Containing Fluorescent Bioprobes. Inorganic Chemistry, 2011, 50, 4272-4278.	1.9	38
21	Two-photon uncaging: New prospects in neuroscience and cellular biology. Bioorganic and Medicinal Chemistry, 2010, 18, 7753-7758.	1.4	97
22	Boron Containing Two-Photon Absorbing Chromophores. 2. Fine Tuning of the One- and Two-Photon Photophysical Properties of Pyrazabole Based Fluorescent Bioprobes. Inorganic Chemistry, 2009, 48, 9112-9119.	1.9	40
23	Photochemical tools to study dynamic biological processes. HFSP Journal, 2009, 3, 255-264.	2.5	68
24	Molecular Engineering of Photoremovable Protecting Groups for Two-Photon Uncaging. Angewandte Chemie - International Edition, 2008, 47, 9525-9529.	7.2	86