

Bram Verbelen

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,104
citations

623188

14
h-index

752256

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23
all docs

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docs citations

23
times ranked

1323
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional star polymers as reagents for efficient nucleic acids delivery into HT-1080 cells. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2021, 70, 356-370.	1.8	15
2	Structural effects of neutral organophosphorus extractants on solvent extraction of rare-earth elements from aqueous and non-aqueous nitrate solutions. <i>Separation and Purification Technology</i> , 2021, 255, 117711.	3.9	36
3	Synthesis of BODIPY dyes through postfunctionalization of the boron dipyrromethene core. <i>Coordination Chemistry Reviews</i> , 2019, 399, 213024.	9.5	231
4	From One-Pot <i>N</i> -H-Sulfoximidations of Thiophene Derivatives to Dithienylethene-Type Photoswitches. <i>Organic Letters</i> , 2019, 21, 4293-4297.	2.4	22
5	Selective Substitution of POCl ₃ with Organometallic Reagents: Synthesis of Phosphinates and Phosphonates. <i>Synthesis</i> , 2018, 50, 2019-2026.	1.2	6
6	Thiocyanation of 3-substituted and 3,5-disubstituted BODIPYs and its application for the synthesis of new fluorescent sensors. <i>Dyes and Pigments</i> , 2018, 154, 155-163.	2.0	21
7	Impact of the Keto-Enol Tautomeric Equilibrium on the BODIPY Chromophore. <i>Journal of Physical Chemistry A</i> , 2018, 122, 5955-5961.	1.1	10
8	Efficient two-step synthesis of water soluble BODIPY-TREN chemosensors for copper(II) ions. <i>RSC Advances</i> , 2017, 7, 3066-3071.	1.7	11
9	Two-Step Synthesis of Fluorescent 3-Arylated 1,3a,6a-Triazapentalenes via a Three-Component Triazolization Reaction. <i>Organic Letters</i> , 2016, 18, 6412-6415.	2.4	19
10	Exploring the Application of the Negishi Reaction of HaloBODIPYs: Generality, Regioselectivity, and Synthetic Utility in the Development of BODIPY Laser Dyes. <i>Journal of Organic Chemistry</i> , 2016, 81, 3700-3710.	1.7	38
11	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> , 2016, 6, 102899-102913.	1.7	27
12	Excitation energy deactivation funnel in 3-substituted BODIPY-porphyrin conjugate. <i>Journal of Luminescence</i> , 2016, 179, 306-313.	1.5	9
13	Postfunctionalization of the BODIPY Core: Synthesis and Spectroscopy. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 6577-6595.	1.2	264
14	Radical C-H Alkylation of BODIPY Dyes Using Potassium Trifluoroborates or Boronic Acids. <i>Chemistry - A European Journal</i> , 2015, 21, 12667-12675.	1.7	53
15	Radical C-H Arylation of the BODIPY Core with Aryldiazonium Salts: Synthesis of Highly Fluorescent Red-Shifted Dyes. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 4612-4616.	7.2	116
16	Thiocyanation of BODIPY dyes and their conversion to thioalkylated derivatives. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 6031-6038.	1.5	15
17	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> , 2014, 118, 1576-1594.	1.1	62
18	UV-vis spectroscopy of the coupling products of the palladium-catalyzed C-H arylation of the BODIPY core. <i>Photochemical and Photobiological Sciences</i> , 2013, 12, 835-847.	1.6	37

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19	Direct palladium-catalysed C-H arylation of BODIPY dyes at the 3- and 3,5-positions. Chemical Communications, 2012, 48, 9129.	2.2	87