

# Johann Bosson

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4367245/publications.pdf>

Version: 2024-02-01

25  
papers

1,276  
citations

471477

17  
h-index

501174

28  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1570  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cationic [6]Helicenes: Tuning (Chir)Optical Properties up to the Near Infra-Red. Materials Today: Proceedings, 2022, , .	1.8	1
2	Chiral Near-Infrared Fluorophores by Self-Promoted Oxidative Coupling of Cationic Helicenes with Amines/Enamines. Angewandte Chemie - International Edition, 2021, 60, 8733-8738.	13.8	24
3	Chiral Near-Infrared Fluorophores by Self-Promoted Oxidative Coupling of Cationic Helicenes with Amines/Enamines. Angewandte Chemie, 2021, 133, 8815-8820.	2.0	10
4	Hybrids of cationic [4]helicene and N-heterocyclic carbene as ligands for complexes exhibiting (chir)optical properties in the far red spectral window. Chemical Communications, 2021, 57, 3793-3796.	4.1	17
5	Merging polyacenes and cationic helicenes: from weak to intense chiroptical properties in the far red region. Chemical Science, 2020, 11, 1165-1169.	7.4	28
6	Near-infrared electrochemiluminescence in water through regioselective sulfonation of diaza [4] and [6]helicene dyes. Chemical Communications, 2020, 56, 9771-9774.	4.1	11
7	Stereochemical significance of O to N atom interchanges within cationic helicenes: experimental and computational evidence of near racemization to remarkable enantiospecificity. Chemical Science, 2019, 10, 7059-7067.	7.4	13
8	Ion Transfer Voltammetry in Polyurethane Thin Films Based on Functionalised Cationic [6]Helicenes for Carbonate Detection. Electroanalysis, 2018, 30, 1378-1385.	2.9	18
9	Ion Transfer Voltammetry at Thin Films Based on Functionalized Cationic [6]Helicenes. Electroanalysis, 2018, 30, 650-657.	2.9	21
10	Specific labeling of mitochondria of <i>Chlamydomonas</i> with cationic helicene fluorophores. Organic and Biomolecular Chemistry, 2018, 16, 919-923.	2.8	28
11	Efficient Annihilation Electrochemiluminescence of Cationic Helicene Luminophores. ChemElectroChem, 2017, 4, 1750-1756.	3.4	19
12	Bright Electrochemiluminescence Tunable in the Near-Infrared of Chiral Cationic Helicene Chromophores. Journal of Physical Chemistry C, 2017, 121, 785-792.	3.1	24
13	Enantiospecific Elongation of Cationic Helicenes by Electrophilic Functionalization at Terminal Ends. Chemistry - A European Journal, 2017, 23, 13596-13601.	3.3	27
14	High-Performance Liquid Chromatographic Resolution of Neutral and Cationic Hetero[6]Helicenes. Chirality, 2016, 28, 282-289.	2.6	22
15	Physicochemical and Electronic Properties of Cationic [6]Helicenes: from Chemical and Electrochemical Stabilities to Far-Red (Polarized) Luminescence. Chemistry - A European Journal, 2016, 22, 18394-18403.	3.3	52
16	Physicochemical and Electronic Properties of Cationic [6]Helicenes: from Chemical and Electrochemical Stabilities to Far-Red (Polarized) Luminescence. Chemistry - A European Journal, 2016, 22, 18273-18273.	3.3	1
17	Electrogenerated Chemiluminescence of Cationic Triangulene Dyes: Crucial Influence of the Core Heteroatoms. Chemistry - A European Journal, 2015, 21, 19243-19249.	3.3	21
18	Cationic triangulenes and helicenes: synthesis, chemical stability, optical properties and extended applications of these unusual dyes. Chemical Society Reviews, 2014, 43, 2824.	38.1	200

#	ARTICLE	IF	CITATIONS
19	Modular Synthesis, Orthogonal Post-Functionalization, Absorption, and Chiroptical Properties of Cationic [6]Helicenes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1796-1800.	13.8	92
20	N-Heterocyclic Carbene-Ruthenium Complexes for the Racemization of Chiral Alcohols. <i>Journal of Organic Chemistry</i> , 2010, 75, 2039-2043.	3.2	40
21	Mechanism of Racemization of Chiral Alcohols Mediated by 16-Electron Ruthenium Complexes. <i>Journal of the American Chemical Society</i> , 2010, 132, 13146-13149.	13.7	61
22	Development of Versatile and Silver-Free Protocols for Gold(I) Catalysis. <i>Chemistry - A European Journal</i> , 2010, 16, 13729-13740.	3.3	175
23	Au/Ag-Cocatalyzed Aldoximes to Amides Rearrangement under Solvent- and Acid-Free Conditions. <i>Journal of Organic Chemistry</i> , 2010, 75, 1197-1202.	3.2	139
24	Acridine and Acridone Derivatives, Anticancer Properties and Synthetic Methods: Where Are We Now?. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2007, 7, 139-169.	1.7	198
25	Efficient Base-Catalyzed 5-exo-dig Cyclization of Carbonyl Groups on Unactivated Alkynyl-Quinolines: An Entry to Versatile Oxygenated Heterocycles Related to the Furoquinoline Alkaloids Family. <i>Synlett</i> , 2005, 2005, 2786-2790.	1.8	2