

# Carlos J Pereira Monteiro

## List of Publications by Year in descending order

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25  
papers

911  
citations

567281  
15  
h-index

610901  
24  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1024  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of chlorins and bacteriochlorins from cycloaddition reactions with porphyrins. <i>Arkivoc</i> , 2023, 2022, 54-98.	0.5	9
2	Metallophthalocyanines as Catalysts in Aerobic Oxidation. <i>Catalysts</i> , 2021, 11, 122.	3.5	19
3	Hydroaminomethylation reaction as powerful tool for preparation of rhodium/phosphine-functionalized nanomaterials. Catalytic evaluation in styrene hydroformylation. <i>Catalysis Today</i> , 2020, 356, 456-463.	4.4	6
4	Control of the distance between porphyrin sensitizers and the TiO <sub>2</sub> surface in solar cells by designed anchoring groups. <i>Journal of Molecular Structure</i> , 2019, 1196, 444-454.	3.6	9
5	Solid state investigation of BINOL and BINOL derivatives: A contribution to enantioselective symmetry breaking by crystallization. <i>Thermochimica Acta</i> , 2017, 648, 32-43.	2.7	5
6	( <i>S</i> )-BINOL Immobilized onto Multiwalled Carbon Nanotubes through Covalent Linkage: A New Approach for Hybrid Nanomaterials Characterization. <i>ChemNanoMat</i> , 2015, 1, 178-187.	2.8	5
7	Interactions between cationic surfactants and 5,10,15,20-tetrakis(4-sulfonatophenyl)porphyrin tetrasodium salt as seen by electric conductometry and spectroscopic techniques. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 481, 288-296.	4.7	9
8	Influence of halogen atoms and protonation on the photophysical properties of sulfonated porphyrins. <i>Chemical Physics Letters</i> , 2015, 633, 146-151.	2.6	25
9	Rhodium-Catalysed Tandem Hydroformylation/Arylation Reaction with Boronic Acids. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 1223-1228.	4.3	12
10	The challenging combination of intense fluorescence and high singlet oxygen quantum yield in photostable chlorins – a contribution to theranostics. <i>Photochemical and Photobiological Sciences</i> , 2013, 12, 1187-1192.	2.9	46
11	Separation and atropisomer isolation of <i>ortho</i> -halogenated tetraarylporphyrins by HPLC: Full characterization using 1D and 2D NMR. <i>Journal of Porphyrins and Phthalocyanines</i> , 2012, 16, 316-323.	0.8	4
12	Photophysical properties of unsymmetric meso-substituted porphyrins synthesized via the Suzuki coupling reaction. <i>Tetrahedron</i> , 2012, 68, 8783-8788.	1.9	8
13	An insight into solvent-free diimide porphyrin reduction: a versatile approach for meso-aryl hydroporphyrin synthesis. <i>Green Chemistry</i> , 2012, 14, 1666.	9.0	50
14	Energy transfer from fluorene-based conjugated polyelectrolytes to on-chain and self-assembled porphyrin units. <i>Journal of Polymer Science Part A</i> , 2012, 50, 1408-1417.	2.3	30
15	On the singlet states of porphyrins, chlorins and bacteriochlorins and their ability to harvest red/infrared light. <i>Photochemical and Photobiological Sciences</i> , 2012, 11, 1233-1238.	2.9	32
16	Tissue Uptake Study and Photodynamic Therapy of Melanoma-Bearing Mice with a Nontoxic, Effective Chlorin. <i>ChemMedChem</i> , 2011, 6, 1715-1726.	3.2	47
17	New Halogenated Water-Soluble Chlorin and Bacteriochlorin as Photostable PDT Sensitizers: Synthesis, Spectroscopy, Photophysics, and <i>in vitro</i> Photosensitizing Efficacy. <i>ChemMedChem</i> , 2010, 5, 1770-1780.	3.2	98
18	Mechanisms of Singlet Oxygen and Superoxide Ion Generation by Porphyrins and Bacteriochlorins and their Implications in Photodynamic Therapy. <i>Chemistry - A European Journal</i> , 2010, 16, 9273-9286.	3.3	156

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19	Synthesis and photophysical characterization of a library of photostable halogenated bacteriochlorins: an access to near infrared chemistry. <i>Tetrahedron</i> , 2010, 66, 9545-9551.	1.9	83
20	Excited State Absorption Study in Sulfonated-Halogenated Porphyrins. , 2010, , .		0
21	Synthesis and photophysical properties of amphiphilic halogenated bacteriochlorins: new opportunities for photodynamic therapy of cancer. <i>Journal of Porphyrins and Phthalocyanines</i> , 2009, 13, 567-573.	0.8	40
22	Synthesis of amphiphilic sulfonamide halogenated porphyrins: MALDI-TOFMS characterization and evaluation of 1-octanol/water partition coefficients. <i>Tetrahedron</i> , 2008, 64, 5132-5138.	1.9	45
23	Photoacoustic Measurement of Electron Injection Efficiencies and Energies from Excited Sensitizer Dyes into Nanocrystalline $\text{TiO}_2$ Films. <i>Journal of the American Chemical Society</i> , 2008, 130, 8876-8877.	13.7	28
24	Synthesis, Photophysical Studies and Anticancer Activity of a New Halogenated Water-soluble Porphyrin. <i>Photochemistry and Photobiology</i> , 2007, 83, 897-903.	2.5	73
25	A comparative study of water soluble 5,10,15,20-tetrakis(2,6-dichloro-3-sulfophenyl)porphyrin and its metal complexes as efficient sensitizers for photodegradation of phenols. <i>Photochemical and Photobiological Sciences</i> , 2005, 4, 617.	2.9	72