

Nelson A M Pereira

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Platinum(II) Ring-Fused Chlorins as Near-Infrared Emitting Oxygen Sensors and Photodynamic Agents. <i>ACS Medicinal Chemistry Letters</i> , 2017, 8, 310-315.	1.3	42
2	Recent Developments in the Synthesis of Dipyrrromethanes. A Review. <i>Organic Preparations and Procedures International</i> , 2014, 46, 183-213.	0.6	39
3	A look at clinical applications and developments of photodynamic therapy. <i>Oncology Reviews</i> , 2008, 2, 235-249.	0.8	29
4	[8 π +2 π] Cycloaddition of <i>meso</i> -Tetra- and 5,15-Diarylporphyrins: Synthesis and Photophysical Characterization of Stable Chlorins and Bacteriochlorins. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 3970-3979.	1.2	26
5	Novel Approach to Chlorins and Bacteriochlorins: [8 π +2 π] Cycloaddition of Diazafulvenium Methides with Porphyrins. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 6539-6543.	1.2	22
6	Novel 4,5,6,7-tetrahydropyrazolo[1,5-a]pyridine fused chlorins as very active photodynamic agents for melanoma cells. <i>European Journal of Medicinal Chemistry</i> , 2015, 103, 374-380.	2.6	21
7	Advances on photodynamic therapy of melanoma through novel ring-fused 5,15-diphenylchlorins. <i>European Journal of Medicinal Chemistry</i> , 2018, 146, 395-408.	2.6	20
8	Functionalization of dipyrrromethanes via hetero-Diels-Alder reaction with azo- and nitrosoalkenes. <i>Tetrahedron Letters</i> , 2013, 54, 1553-1557.	0.7	19
9	On-Water Synthesis of Dipyrrromethanes via Bis-Hetero-Diels-Alder Reaction of Azo- and Nitrosoalkenes with Pyrrole. <i>Synlett</i> , 2014, 25, 423-427.	1.0	17
10	Bond-Breaking/Bond-Forming Reactions by Vibrational Excitation: Infrared-Induced Bidirectional Tautomerization of Matrix-Isolated Thiotropolone. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 8034-8039.	2.1	17
11	Ring-Fused Diphenylchlorins as Potent Photosensitizers for Photodynamic Therapy Applications: In Vitro Tumor Cell Biology and in Vivo Chick Embryo Chorioallantoic Membrane Studies. <i>ACS Omega</i> , 2019, 4, 17244-17250.	1.6	16
12	Platinum(II) ring-fused chlorins as efficient theranostic agents: Dyes for tumor-imaging and photodynamic therapy of cancer. <i>European Journal of Medicinal Chemistry</i> , 2020, 200, 112468.	2.6	16
13	Synthesis of chiral hexacyclic steroids via [8 π + 2 π] cycloaddition of diazafulvenium methides. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 9127-9139.	1.5	15
14	Switching on H-Tunneling through Conformational Control. <i>Journal of the American Chemical Society</i> , 2021, 143, 8266-8271.	6.6	14
15	Synthetic porphyrins bearing β^2 -propionate chains as photosensitizers for photodynamic therapy. <i>Journal of Porphyrins and Phthalocyanines</i> , 2010, 14, 438-445.	0.4	11
16	A Review on (Hydro)Porphyrin-Loaded Polymer Micelles: Interesting and Valuable Platforms for Enhanced Cancer Nanotheranostics. <i>Pharmaceutics</i> , 2019, 11, 81.	2.0	10
17	Inducing molecular reactions by selective vibrational excitation of a remote antenna with near-infrared light. <i>Chemical Communications</i> , 2021, 57, 9570-9573.	2.2	8
18	Photochromism of a Spiropyran in Low-Temperature Matrices: Unprecedented Bidirectional Switching between a Merocyanine and an Allene Intermediate. <i>Journal of Physical Chemistry A</i> , 2022, 126, 2222-2233.	1.1	6

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19	Evidence of IR-Induced Chemistry in a Neat Solid: Tautomerization of Thiotropolone by Thermal, Electronic, and Vibrational Excitations. <i>Journal of Physical Chemistry A</i> , 2021, 125, 6394-6403.	1.1	5
20	Novel fluorinated ring-fused chlorins as promising PDT agents against melanoma and esophagus cancer. <i>RSC Medicinal Chemistry</i> , 2021, 12, 615-627.	1.7	5
21	Ring-Fused meso-Tetraarylchlorins as Auspicious PDT Sensitizers: Synthesis, Structural Characterization, Photophysics, and Biological Evaluation. <i>Frontiers in Chemistry</i> , 2022, 10, 873245.	1.8	3
22	A look at clinical applications and developments of photodynamic therapy. <i>Oncology Reviews</i> , 2011, 2, 235.	0.8	2
23	Advances on photodynamic therapy through new pyridine-fused diphenylchlorins as photosensitizers for melanoma treatment. <i>Porto Biomedical Journal</i> , 2017, 2, 227.	0.4	0
24	Isolation and Identification of Cytotoxic Compounds Present in Biomaterial LifeÂ®. <i>Materials</i> , 2022, 15, 871.	1.3	0