

Paulo F Santos

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Synthesis and Spectroscopic Characterisation of N-Alkyl Quaternary Ammonium Salts Typical Precursors of Cyanines. <i>Molecules</i> , 2002, 7, 320-330.	3.8	81
2	Singlet oxygen generation ability of squarylium cyanine dyes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2003, 160, 159-161.	3.9	65
3	Efficiency of singlet oxygen generation of aminosquarylium cyanines. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2004, 163, 267-269.	3.9	58
4	Synthesis and Photochemical Evaluation of Iodinated Squarylium Cyanine Dyes. <i>Helvetica Chimica Acta</i> , 2005, 88, 1135-1143.	1.6	43
5	New unsymmetrical squaraine dyes derived from imidazo[1,5-a]pyridine. <i>Dyes and Pigments</i> , 2013, 96, 554-562.	3.7	43
6	<i>Calluna vulgaris</i> (L.) Hull: chemical characterization, evaluation of its bioactive properties and effect on the vaginal microbiota. <i>Food and Function</i> , 2019, 10, 78-89.	4.6	36
7	Aza-substituted squaraines for the fluorescent detection of albumins. <i>Dyes and Pigments</i> , 2011, 90, 41-47.	3.7	33
8	Photochemical properties of squarylium cyanine dyes. <i>Photochemical and Photobiological Sciences</i> , 2013, 12, 1948-1959.	2.9	32
9	The synthesis and characterization of novel, aza-substituted squarylium cyanine dyes. <i>Dyes and Pigments</i> , 2009, 81, 197-202.	3.7	31
10	Some new symmetric rigidified triheterocyclic heptamethinecyanine dyes absorbing in the near infrared. <i>Dyes and Pigments</i> , 2002, 53, 143-152.	3.7	30
11	Near-infrared absorbing delocalized cationic azo dyes. <i>Dyes and Pigments</i> , 2009, 82, 118-123.	3.7	30
12	2-Nitrosobenzothiazoles: useful synthons for new azobenzothiazole dyes. <i>Tetrahedron Letters</i> , 2008, 49, 6907-6909.	1.4	29
13	<i>Echinacea purpurea</i> (L.) Moench: Chemical Characterization and Bioactivity of Its Extracts and Fractions. <i>Pharmaceuticals</i> , 2020, 13, 125.	3.8	28
14	Characterization of a Squaraine/Chitosan System for Photodynamic Therapy of Cancer. <i>Journal of Physical Chemistry B</i> , 2016, 120, 1212-1220.	2.6	27
15	A Formal Synthesis of ($\hat{\Delta}$)-Eseroline via an Azaoxy-Cope Rearrangement. <i>Heterocycles</i> , 2001, 55, 1029.	0.7	25
16	Studies of Benzothiazole and Benzoselenazole Squaraines as Fluorescent Probes for Albumins Detection. <i>Journal of Fluorescence</i> , 2008, 18, 877-882.	2.5	24
17	Phytochemical composition and biological activities of <i>Geranium robertianum</i> L.: A review. <i>Industrial Crops and Products</i> , 2016, 87, 363-378.	5.2	24
18	Crystal structures of a benzoselenazole-derived squarylium cyanine dye and three derivatives substituted at the central squaric ring. <i>CrystEngComm</i> , 2011, 13, 1333-1338.	2.6	21

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19	Synthesis, Photochemical and In Vitro Cytotoxic Evaluation of New Iodinated Aminosquaraines as Potential Sensitizers for Photodynamic Therapy. <i>Molecules</i> , 2019, 24, 863.	3.8	21
20	Synthesis and characterization of novel mono- and dicarboxyalkylthiacarbocyanines and their ester derivatives. <i>Dyes and Pigments</i> , 2007, 73, 195-205.	3.7	20
21	Aminosquaraines as potential photodynamic agents: Synthesis and evaluation of in vitro cytotoxicity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 4467-4470.	2.2	19
22	A formal synthesis of (±)-physostigmine via 3,3-rearrangement of a bis-enamine. <i>Tetrahedron</i> , 2005, 61, 9147-9156.	1.9	18
23	Photochemical and photocatalytic evaluation of 1D titanate/TiO ₂ based nanomaterials. <i>Applied Surface Science</i> , 2017, 392, 418-429.	6.1	18
24	Delocalized cationic azo dyes containing a thiazole moiety. <i>Tetrahedron</i> , 2008, 64, 299-303.	1.9	17
25	Novel azobenzothiazole dyes from 2-nitrosobenzothiazoles. <i>Dyes and Pigments</i> , 2009, 83, 88-94.	3.7	17
26	Photochemical studies of new benzothiazole- and benzoselenazole-derived aminosquarylium dyes. <i>Tetrahedron</i> , 2015, 71, 967-976.	1.9	16
27	Chemical characterization and bioactive properties of aqueous and organic extracts of <i>Geranium robertianum</i> L.. <i>Food and Function</i> , 2016, 7, 3807-3814.	4.6	15
28	Fluorescent "rhodamine-like" hemicyanines derived from the 6-(N,N-diethylamino)-1,2,3,4-tetrahydroxanthylium system. <i>Dyes and Pigments</i> , 2015, 112, 73-80.	3.7	14
29	Synthesis and characterization of mono- and dicarboxyalkyloxacarbocyanines. <i>Dyes and Pigments</i> , 2007, 75, 298-305.	3.7	13
30	Synthesis, photochemical and in vitro cytotoxic evaluation of benzoselenazole-based aminosquaraines. <i>Photochemical and Photobiological Sciences</i> , 2019, 18, 336-342.	2.9	13
31	A Novel Approach to the Hexahydropyrrolo[2,3-b]indole Nucleus: A Synthesis of (±)-Desoxyeseroline. <i>Tetrahedron Letters</i> , 1995, 36, 8099-8100.	1.4	12
32	Surface Photochemistry: 3,3'-Dialkylthia and Selenocarbocyanine Dyes Adsorbed onto Microcrystalline Cellulose. <i>International Journal of Molecular Sciences</i> , 2012, 13, 596-611.	4.1	12
33	Chemical characterization and bioactive properties of <i>Geranium molle</i> L.: from the plant to the most active extract and its phytochemicals. <i>Food and Function</i> , 2016, 7, 2204-2212.	4.6	11
34	Protein purification by aminosquarylium cyanine dye affinity chromatography. <i>Biomedical Chromatography</i> , 2013, 27, 1671-1679.	1.7	10
35	Bio-guided fractionation of extracts of <i>Geranium robertianum</i> L.: Relationship between phenolic profile and biological activity. <i>Industrial Crops and Products</i> , 2017, 108, 543-552.	5.2	9
36	Fractionation of the more active extracts of <i>Geranium molle</i> L.: a relationship between their phenolic profile and biological activity. <i>Food and Function</i> , 2018, 9, 2032-2042.	4.6	9

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37	The synthesis of chloroheptamethinecyanine dyes in the absence of water. <i>Dyes and Pigments</i> , 2008, 77, 48-52.	3.7	8
38	Synthesis and characterization of new mono- and dicarboxyalkylselenacarboxyanines. <i>Dyes and Pigments</i> , 2008, 76, 165-172.	3.7	7
39	Synthesis and dynamic study of new ortho-(alkylchalcogen)acetanilide atropisomers. A second look at the hydrolysis of quaternary 2-methylbenzazol-3-ium salts. <i>Tetrahedron Letters</i> , 2013, 54, 5441-5444.	1.4	7
40	Photochemical behaviour of a new 1,2,3,4-tetrahydroxanthylum fluorescent dye with a rhodamine-like structure in liquid media and adsorbed onto a TiO ₂ photo-responsive substrate. <i>Dyes and Pigments</i> , 2016, 128, 279-288.	3.7	7
41	A Convenient Method for the Preparation of N-Aryl and N-Alkyl-O-Methyl Hydroxylamines. <i>Synthetic Communications</i> , 1995, 25, 3509-3518.	2.1	6
42	Phenolic profile and effects of acetone fractions obtained from the inflorescences of <i>Calluna vulgaris</i> (L.) Hull on vaginal pathogenic and non-pathogenic bacteria. <i>Food and Function</i> , 2019, 10, 2399-2407.	4.6	6
43	Bioactivity of the Geranium Genus: A Comprehensive Review. <i>Current Pharmaceutical Design</i> , 2020, 26, 1838-1865.	1.9	6
44	Ethylenediamine-Derived Chromatographic Ligand to Separate BSA, Lysozyme, and RNase A. <i>Chromatographia</i> , 2014, 77, 1529-1537.	1.3	5
45	New Synthetic Approach to Aminosquarylium Cyanine Dyes. <i>Synlett</i> , 2002, 2002, 1617-1620.	1.8	4
46	Isolation of secondary metabolites from <i>Geranium molle</i> L. with anticancer potential. <i>Industrial Crops and Products</i> , 2019, 142, 111859.	5.2	4
47	Dynamic exchange of heterocyclic subunits during halogen substitution in chloroheptamethinecyanine dyes by benzoazolium salts. <i>Tetrahedron Letters</i> , 2007, 48, 5137-5142.	1.4	3
48	Near-infrared reversible photoswitching of an isolated azobenzene-stilbene dye. <i>Chemical Physics Letters</i> , 2020, 741, 137065.	2.6	3
49	Long-wavelength absorbing fluorescent polymethine dyes derived from the 6-(N,N)-Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 26 Chemistry, 2017, 347, 218-226.	3.9	1
50	Protein Purification by Aminosquarylium Cyanine Dye-Affinity Chromatography. <i>Methods in Molecular Biology</i> , 2015, 1286, 23-33.	0.9	1
51	Fluorescent Detection of a Partially Unfolded Conformation of Beta-Lactoglobulin Using Squaraine Dyes. <i>Macromolecular Symposia</i> , 2014, 335, 43-50.	0.7	0
52	3,3'-Diamino-N-methyldipropylamine as a versatile affinity ligand. <i>Journal of Separation Science</i> , 2015, 38, 732-740.	2.5	0
53	Delocalized cationic azo dyes derived from 2-aminoselenazole-5-carbaldehyde. <i>Arkivoc</i> , 2009, 2008, 90-95.	0.5	0