

M Sameiro T Goncalves

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93
papers

4,337
citations

20
h-index

65
g-index

108
ext. papers

5,527
ext. citations

4.3
avg, IF

5.63
L-index

#	Paper	IF	Citations
93	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. <i>Cell Death and Differentiation</i> , 2018 , 25, 486-541	12.7	2160
92	Fluorescent labeling of biomolecules with organic probes. <i>Chemical Reviews</i> , 2009 , 109, 190-212	68.1	890
91	Photochemical treatment of solutions of azo dyes containing TiO ₂ . <i>Chemosphere</i> , 1999 , 39, 781-786	8.4	187
90	Degradation of and its simulated dyebath wastewater by heterogeneous photocatalysis. <i>Dyes and Pigments</i> , 2005 , 64, 135-139	4.6	52
89	Functionalised benzo[a]phenoxazine dyes as long-wavelength fluorescent probes for amino acids. <i>Tetrahedron</i> , 2007 , 63, 1654-1663	2.4	46
88	A naphtho[2,1-b]furan as a new fluorescent label: synthesis and spectral characterisation. <i>Tetrahedron Letters</i> , 2005 , 46, 4757-4760	2	40
87	Synthesis and spectral properties of long-wavelength fluorescent dyes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2007 , 185, 220-230	4.7	33
86	Oxobenzo[f]benzopyrans as new fluorescent photolabile protecting groups for the carboxylic function. <i>Tetrahedron</i> , 2006 , 62, 11955-11962	2.4	33
85	Comparative study of polyaromatic and polyheteroaromatic fluorescent photocleavable protecting groups. <i>Tetrahedron</i> , 2008 , 64, 3032-3038	2.4	32
84	Oxazole light triggered protecting groups: synthesis and photolysis of fused heteroaromatic conjugates. <i>Tetrahedron</i> , 2010 , 66, 8189-8195	2.4	31
83	Photocleavage studies of fluorescent amino acid conjugates bearing different types of linkages. <i>Tetrahedron</i> , 2007 , 63, 1353-1359	2.4	30
82	Carboxylic fused furans for amino acid fluorescent labelling. <i>Tetrahedron</i> , 2006 , 62, 9258-9267	2.4	29
81	2-Oxo-2H-benzo[h]benzopyran as a new light sensitive protecting group for neurotransmitter amino acids. <i>Amino Acids</i> , 2010 , 39, 121-33	3.5	27
80	Synthesis of short and long-wavelength functionalised probes: amino acids labelling and photophysical studies. <i>Tetrahedron</i> , 2007 , 63, 12405-12418	2.4	26
79	Synthesis, characterisation and antimicrobial activity of new benzo[a]phenoxazine based fluorophores. <i>Tetrahedron Letters</i> , 2007 , 48, 8347-8352	2	25
78	Application of benzo[a]phenoxazinium chlorides in Antimicrobial Photodynamic Therapy of <i>Candida albicans</i> biofilms. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014 , 141, 93-9	6.7	24
77	Novel long alkyl side chain benzo[a]phenoxazinium chlorides: synthesis, photophysical behaviour and DNA interaction. <i>Tetrahedron</i> , 2009 , 65, 10441-10452	2.4	24

76	Photorelease of amino acid neurotransmitters from pyrenylmethyl ester conjugates. <i>Tetrahedron</i> , 2007 , 63, 10133-10139	2.4	23
75	Thionated coumarins and quinolones in the light triggered release of a model amino acid: synthesis and photolysis studies. <i>Tetrahedron</i> , 2012 , 68, 7892-7900	2.4	22
74	Neurotransmitter amino acid α -xobenzo[f]benzopyran conjugates: synthesis and photorelease studies. <i>Tetrahedron</i> , 2008 , 64, 11175-11179	2.4	22
73	New long alkyl side-chain benzo[a]phenoxazines as micellisation probes. <i>Tetrahedron Letters</i> , 2009 , 50, 4470-4474	2	20
72	Light-induced cleavage of model phenylalanine conjugates based on coumarins and quinolones. <i>Amino Acids</i> , 2010 , 39, 699-712	3.5	20
71	Synthesis of fluorescent water-soluble functionalised benzo[a]phenoxazinium salts. <i>Tetrahedron Letters</i> , 2006 , 47, 8567-8570	2	19
70	Novel Nile Blue derivatives as fluorescent probes for DNA. <i>Dyes and Pigments</i> , 2013 , 99, 220-227	4.6	18
69	Fluorescence derivatisation of amino acids in short and long-wavelengths. <i>Tetrahedron Letters</i> , 2007 , 48, 3403-3407	2	18
68	New chalcone-type compounds and 2-pyrazoline derivatives: synthesis and caspase-dependent anticancer activity. <i>Future Medicinal Chemistry</i> , 2020 , 12, 493-509	4.1	17
67	Synthesis of naphtho[2,3-a]phenoxazinium chlorides: structure-activity relationships of these heterocycles and benzo[a]phenoxazinium chlorides as new antimicrobials. <i>Bioorganic and Medicinal Chemistry</i> , 2008 , 16, 3274-82	3.4	17
66	Synthesis and fluorescence properties of side-chain carboxylated 5,9-diaminobenzo[a]phenoxazinium salts. <i>Tetrahedron Letters</i> , 2005 , 46, 4949-4952	2	17
65	Synthesis and photophysical properties of side-chain chlorinated benzo[a]phenoxazinium chlorides. <i>Tetrahedron</i> , 2013 , 69, 2451-2461	2.4	16
64	Synthesis of new benzo[a]phenoxazinium probes possessing carboxylic ester, hydroxyl and amino functional groups: Photophysical studies in dry ethanol and conjugation with CdTe quantum dots. <i>Dyes and Pigments</i> , 2014 , 110, 203-213	4.6	15
63	Bifunctionalised long-wavelength fluorescent probes for biological applications. <i>Tetrahedron Letters</i> , 2012 , 53, 4946-4950	2	15
62	Novel DNA fluorescence probes based on N-[5-(11-functionalised-undecylamino)-9H-benzo[a]phenoxazin-9-ylidene]propan-1-aminium chlorides: synthesis and photophysical studies. <i>Tetrahedron Letters</i> , 2011 , 52, 112-116	2	15
61	Photoinduced Release of Neurotransmitter Amino Acids from Coumarin-Fused Julolidine Ester Cages. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 7715-7723	3.2	14
60	Ultrasound promoted synthesis of Nile Blue derivatives. <i>Ultrasonics Sonochemistry</i> , 2014 , 21, 360-6	8.9	14
59	Photorelease of amino acids from novel thioxobenzo[f]benzopyran ester conjugates. <i>Amino Acids</i> , 2012 , 42, 2275-82	3.5	14

58	Synthesis of Novel Derivatives of 4-Amino-3,5-Dicyanopyrazole. <i>Journal of Chemical Research</i> , 2004 , 2004, 115-117	0.6	13
57	Dehydropeptide-based plasmonic magnetogels: a supramolecular composite nanosystem for multimodal cancer therapy. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 45-64	7.3	13
56	N-(Di)icosyl-Substituted Benzo[a]phenoxazinium Chlorides: Synthesis and Evaluation as Near-Infrared Membrane Probes. <i>European Journal of Organic Chemistry</i> , 2011 , 2011, 2491-2497	3.2	12
55	Photolytic Release of Butyric Acid from Oxygen- and Nitrogen-Based Heteroaromatic Cages. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 922-930	3.2	11
54	Acridinyl methyl esters as photoactive precursors in the release of neurotransmitter amino acids. <i>Photochemical and Photobiological Sciences</i> , 2013 , 12, 339-47	4.2	11
53	Phototriggering of neuroactive amino acids from 5,6-benzocoumarinyl conjugates. <i>Tetrahedron</i> , 2011 , 67, 2422-2426	2.4	11
52	Long-Wavelength Photolysis of Amino Acid 6-(Methoxy-2-oxo-2H-naphtho[1,2-b]pyran-4-yl)methyl Esters. <i>European Journal of Organic Chemistry</i> , 2011 , 2011, 5447-5451	3.2	11
51	Chromophoric Azo Reagents for Amino Acid and Peptide Labelling. <i>European Journal of Organic Chemistry</i> , 2004 , 2004, 1750-1760	3.2	11
50	Photoactivable heterocyclic cages in a comparative release study of butyric acid as a model drug. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2015 , 299, 44-53	4.7	10
49	Synthesis and photophysical studies of new benzo[a]phenoxazinium chlorides as potential antifungal agents. <i>Tetrahedron Letters</i> , 2016 , 57, 3936-3941	2	10
48	Benzoquinones from <i>Cyperus</i> spp. trigger IRE1 β -independent and PERK-dependent ER stress in human stomach cancer cells and are novel proteasome inhibitors. <i>Phytomedicine</i> , 2019 , 63, 153017	6.5	10
47	Natural Pigments of Anthocyanin and Betalain for Coloring Soy-Based Yogurt Alternative. <i>Foods</i> , 2020 , 9,	4.9	9
46	Photoactivatable prodrugs of butyric acid based on new coumarin fused oxazole heterocycles. <i>Dyes and Pigments</i> , 2017 , 137, 91-100	4.6	9
45	Nano- and microdelivery systems for marine bioactive lipids. <i>Marine Drugs</i> , 2014 , 12, 6014-27	6	9
44	Protein disulphide isomerase-assisted functionalization of keratin-based matrices. <i>Applied Microbiology and Biotechnology</i> , 2011 , 90, 1311-21	5.7	9
43	Synthesis, photophysical characterisation and photostability studies of NIR probes with aliphatic, aromatic and chlorinated terminals in 5- and 9-amino positions of benzo[a]phenoxazines. <i>Dyes and Pigments</i> , 2016 , 132, 204-212	4.6	9
42	Synthesis and light triggered release of catecholamines from pyrenylmethyl carbamate cages. <i>New Journal of Chemistry</i> , 2013 , 37, 2369	3.6	8
41	Phenacyl ester derivatives bearing heterocycles as models for photocleavable linkers: synthesis and photolysis studies. <i>Tetrahedron</i> , 2012 , 68, 8024-8032	2.4	8

40	One- and two-photon time-resolved fluorescence study of neurotransmitter amino acid β ,6-benzocoumarin conjugates. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2010 , 215, 214-222	4.7	8
39	Optimized UV/Visible Fluorescent Markers. <i>Springer Series on Fluorescence</i> , 2010 , 27-64	0.5	8
38	Supramolecular ultra-short carboxybenzyl-protected dehydropeptide-based hydrogels for drug delivery. <i>Materials Science and Engineering C</i> , 2021 , 122, 111869	8.3	8
37	Light triggering of 5-aminolevulinic acid from fused coumarin ester cages. <i>New Journal of Chemistry</i> , 2017 , 41, 2997-3005	3.6	7
36	Wavelength-selective cleavage of o-nitrobenzyl and polyheteroaromatic benzyl protecting groups. <i>Tetrahedron</i> , 2014 , 70, 650-657	2.4	7
35	Development of a temporary marker for peptides. <i>Organic and Biomolecular Chemistry</i> , 2003 , 1, 1480-5	3.9	7
34	A temporary marker for biological applications. <i>Tetrahedron Letters</i> , 2001 , 42, 7775-7777	2	7
33	New Eugenol Derivatives with Enhanced Insecticidal Activity. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	7
32	Aminobenzocoumarinylmethyl esters as photoactive precursors for the release of butyric acid. <i>New Journal of Chemistry</i> , 2015 , 39, 7227-7233	3.6	6
31	Microwave Synthesis of Water-Soluble 2-, 5- and 9-Substituted Benzo[a]phenoxazinium Chlorides in Comparison with Conventional Heating. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 1506-1514	3.2	6
30	Fluorescent probes based on side-chain chlorinated benzo[a]phenoxazinium chlorides: Studies of interaction with DNA. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017 , 171, 1-9	4.4	6
29	Toxicity and structure-activity relationship (SAR) of β -dehydroamino acids against human cancer cell lines. <i>Toxicology in Vitro</i> , 2018 , 47, 26-37	3.6	6
28	Application of Natural Pigments in Ordinary Cooked Ham. <i>Molecules</i> , 2020 , 25,	4.8	5
27	Photoactivation of Butyric Acid from 6-Aminobenzocoumarin Cages. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 5979-5986	3.2	5
26	A photoactivable amino acid based on a novel functional coumarin-6-yl-alanine. <i>Amino Acids</i> , 2012 , 43, 2329-38	3.5	5
25	Activation of caspase-3 in gastric adenocarcinoma AGS cells by Xylopia aethiopica (Dunal) A. Rich. fruit and characterization of its phenolic fingerprint by HPLC-DAD-ESI(Ion Trap)-MS and UPLC-ESI-QTOF-MS. <i>Food Research International</i> , 2021 , 141, 110121	7	5
24	Supply chain management and organizational performance: the resonant influence. <i>International Journal of Quality and Reliability Management</i> , 2019 , 36, 1053-1077	2	5
23	Phototriggered release of tetrapeptide AAPV from coumarinyl and pyrenyl cages. <i>Amino Acids</i> , 2017 , 49, 1077-1088	3.5	4

22	Cytotoxic Plant Extracts towards Insect Cells: Bioactivity and Nanoencapsulation Studies for Application as Biopesticides. <i>Molecules</i> , 2020 , 25,	4.8	4
21	Encapsulation and characterisation of cationic benzo[a]phenoxazines in zeolite HY. <i>New Journal of Chemistry</i> , 2019 , 43, 15785-15792	3.6	4
20	A facile regioselective synthesis of (5-amino-4-cyano-1h-imidazol-1-yl) benzoic acids. <i>Journal of Heterocyclic Chemistry</i> , 2007 , 44, 13-19	1.9	3
19	New carvacrol and thymol derivatives as potential insecticides: synthesis, biological activity, computational studies and nanoencapsulation.. <i>RSC Advances</i> , 2021 , 11, 34024-34035	3.7	3
18	Amino Alcohols from Eugenol as Potential Semisynthetic Insecticides: Chemical, Biological, and Computational Insights. <i>Molecules</i> , 2021 , 26,	4.8	3
17	Photolabile protection for amino acids: studies on the release from novel benzoquinolone cages. <i>Amino Acids</i> , 2015 , 47, 2573-82	3.5	2
16	Benzo[a]phenoxazinium chlorides: Synthesis, antifungal activity, in silico studies and evaluation as fluorescent probes. <i>Bioorganic Chemistry</i> , 2020 , 98, 103730	5.1	2
15	Synthesis of 4-Amino-3,5-dicyano-arylpyrazoles, Part 2: Isolation and Characterization of By-Products. <i>Synthetic Communications</i> , 2012 , 42, 1695-1703	1.7	2
14	New NIR dyes based on quinolizino[1,9-hi]phenoxazin-6-iminium chlorides: synthesis, photophysics and antifungal activity. <i>Dyes and Pigments</i> , 2020 , 173, 107870	4.6	2
13	N-Pyrenylmethoxycarbonyl phototriggers for the release of serotonin, tryptamine and their biosynthetic precursors. <i>Dyes and Pigments</i> , 2018 , 151, 356-362	4.6	1
12	Photolytic release of bioactive carboxylic acids from fused pyran conjugates. <i>Dyes and Pigments</i> , 2018 , 148, 368-379	4.6	1
11	Bolaamphiphilic Bis-Dehydropeptide Hydrogels as Potential Drug Release Systems. <i>Gels</i> , 2021 , 7,	4.2	1
10	Valorization of Plant Extracts by Encapsulation in Lipid Nanosystems for Application as Potential Insecticides. <i>Proceedings (mdpi)</i> , 2019 , 41, 66	0.3	1
9	N-(5-Amino-9H-benzo[a]phenoxazin-9-ylidene)propan-1-aminium chlorides as antifungal agents and NIR fluorescent probes. <i>New Journal of Chemistry</i> , 2021 , 45, 7808-7815	3.6	1
8	Carvacrol Derivatives with Potential Insecticidal Activity. <i>Chemistry Proceedings</i> , 2021 , 3, 37		0
7	In Silico Identification of Protein Targets Associated to the Insecticide Activity of Eugenol Derivatives. <i>Chemistry Proceedings</i> , 2021 , 3, 138		
6	Evaluation of Fluorescent Staining Capacity of Two New Nile Blue Analogues. <i>Chemistry Proceedings</i> , 2021 , 3, 63		
5	Two Symmetrical Squarylium Cyanine Dyes: Synthesis, Photophysics and Antifungal Activity in <i>Saccharomyces cerevisiae</i> . <i>Chemistry Proceedings</i> , 2021 , 3, 106		

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- 3 Nanosystems for the Encapsulation and Release of Plant Extracts with Insecticidal Activity. *Chemistry Proceedings*, **2021**, 3, 39
- 2 New Nile Blue Derivatives as NIR Fluorescent Probes and Antifungal Agents. *Proceedings (mdpi)*, **2019**, 9, 65 0.3
- 1 Beetroot as a Source of Natural Dyes for Ham. *Proceedings (mdpi)*, **2019**, 41, 82 0.3