

Francesca Giuntini

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Silk Fibroin/Poly(vinyl Alcohol) Microneedles as Carriers for the Delivery of Singlet Oxygen Photosensitizers. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 128-139.	5.2	17
2	Using ^{19}F NMR and two-level factorial design to explore thiol-fluoride substitution in hexafluorobenzene and its application in peptide stapling and cyclisation. <i>Peptide Science</i> , 2021, 113, e24182.	1.8	5
3	Peptide-Tetrapyrrole Supramolecular Self-Assemblies: State of the Art. <i>Molecules</i> , 2021, 26, 693.	3.8	12
4	Sonodynamic Treatment Induces Selective Killing of Cancer Cells in an In Vitro Co-Culture Model. <i>Cancers</i> , 2021, 13, 3852.	3.7	11
5	The bright side of sound: perspectives on the biomedical application of sonoluminescence. <i>Photochemical and Photobiological Sciences</i> , 2020, 19, 1114-1121.	2.9	17
6	Recent Developments in Antibacterial Therapy: Focus on Stimuli-Responsive Drug-Delivery Systems and Therapeutic Nanoparticles. <i>Molecules</i> , 2019, 24, 1991.	3.8	134
7	Hierarchical Self-Assembly of Peptides and its Applications in Bionanotechnology. <i>Macromolecular Chemistry and Physics</i> , 2019, 220, 1900085.	2.2	37
8	Silk fibroin hydrogels for potential applications in photodynamic therapy. <i>Biopolymers</i> , 2018, 110, e23245.	2.4	16
9	Insight into ultrasound-mediated reactive oxygen species generation by various metal-porphyrin complexes. <i>Free Radical Biology and Medicine</i> , 2018, 121, 190-201.	2.9	60
10	NanoSOSG: A Nanostructured Fluorescent Probe for the Detection of Intracellular Singlet Oxygen. <i>Angewandte Chemie</i> , 2017, 129, 2931-2934.	2.0	7
11	NanoSOSG: A Nanostructured Fluorescent Probe for the Detection of Intracellular Singlet Oxygen. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2885-2888.	13.8	68
12	Synthesis and bactericidal properties of porphyrins immobilized in a polyacrylamide support: influence of metal complexation on photoactivity. <i>Journal of Materials Chemistry B</i> , 2017, 5, 1834-1845.	5.8	23
13	Conjugation with L,L-diphenylalanine Self-Assemblies Enhances In Vitro Antitumor Activity of Phthalocyanine Photosensitizer. <i>Scientific Reports</i> , 2017, 7, 13166.	3.3	12
14	Quadruple labelled dual oxygen and pH-sensitive ratiometric nanosensors. <i>Sensing and Bio-Sensing Research</i> , 2016, 8, 36-42.	4.2	8
15	Duramycin-porphyrin conjugates for targeting of tumour cells using photodynamic therapy. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 163, 374-384.	3.8	11
16	Mechanisms of growth inhibition of primary prostate epithelial cells following gamma irradiation or photodynamic therapy include senescence, necrosis, and autophagy, but not apoptosis. <i>Cancer Medicine</i> , 2016, 5, 61-73.	2.8	18
17	Sonodynamic antimicrobial chemotherapy: First steps towards a sound approach for microbe inactivation. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015, 150, 44-49.	3.8	71
18	The Use of Dipeptide Derivatives of 5-Aminolaevulinic Acid Promotes Their Entry to Tumor Cells and Improves Tumor Selectivity of Photodynamic Therapy. <i>Molecular Cancer Therapeutics</i> , 2015, 14, 440-451.	4.1	15

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19	Controlled intracellular generation of reactive oxygen species in human mesenchymal stem cells using porphyrin conjugated nanoparticles. <i>Nanoscale</i> , 2015, 7, 14525-14531.	5.6	23
20	Heme oxygenase-1 regulates cell proliferation via carbon monoxide-mediated inhibition of T-type Ca ²⁺ channels. <i>Pflügers Archiv European Journal of Physiology</i> , 2015, 467, 415-427.	2.8	21
21	Fluorescence Lifetime Imaging and FRET-Induced Intracellular Redistribution of Tat-Conjugated Quantum Dot Nanoparticles through Interaction with a Phthalocyanine Photosensitizer. <i>Small</i> , 2014, 10, 782-792.	10.0	58
22	Huisgen-based conjugation of water-soluble porphyrins to deprotected sugars: towards mild strategies for the labelling of glycans. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 1203-1206.	2.8	26
23	Porphyrin Conjugates for Cancer Therapy. <i>Handbook of Porphyrin Science</i> , 2013, , 303-416.	0.8	14
24	Cationic β -vinyl substituted <i>meso</i> -tetraphenylporphyrins: synthesis and non-covalent interactions with a short poly(dGdC) duplex. <i>Journal of Porphyrins and Phthalocyanines</i> , 2012, 16, 101-113.	0.8	15
25	Photochemical internalisation of a macromolecular protein toxin using a cell penetrating peptide-photosensitizer conjugate. <i>Journal of Controlled Release</i> , 2012, 157, 305-313.	9.9	41
26	Structural Features and Ligand Binding Properties of Tandem WW Domains from YAP and TAZ, Nuclear Effectors of the Hippo Pathway. <i>Biochemistry</i> , 2011, 50, 3300-3309.	2.5	68
27	Synthetic approaches for the conjugation of porphyrins and related macrocycles to peptides and proteins. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 759-791.	2.9	78
28	Effective photoinactivation of Gram-positive and Gram-negative bacterial strains using an HIV-1 Tat peptide-porphyrin conjugate. <i>Photochemical and Photobiological Sciences</i> , 2010, 9, 1613-1620.	2.9	74
29	Protoporphyrin IX enhancement by 5-aminolaevulinic acid peptide derivatives and the effect of RNA silencing on intracellular metabolism. <i>British Journal of Cancer</i> , 2009, 100, 723-731.	6.4	17
30	Improved Peptide Prodrugs of 5-ALA for PDT: Rationalization of Cellular Accumulation and Protoporphyrin IX Production by Direct Determination of Cellular Prodrug Uptake and Prodrug Metabolization. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 4026-4037.	6.4	36
31	Quantitative determination of 5-aminolaevulinic acid and its esters in cell lysates by HPLC-fluorescence. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 875, 562-566.	2.3	10
32	5-Aminolaevulinic acid peptide prodrugs enhance photosensitization for photodynamic therapy. <i>Molecular Cancer Therapeutics</i> , 2008, 7, 1720-1729.	4.1	44
33	Characterization of isomeric cationic porphyrins with β -pyrrolic substituents by electrospray mass spectrometry: The singular behavior of a potential virus photoinactivator. <i>Journal of the American Society for Mass Spectrometry</i> , 2007, 18, 218-225.	2.8	15
34	A novel ¹⁰ B-enriched carboranyl-containing phthalocyanine as a radio- and photo-sensitising agent for boron neutron capture therapy and photodynamic therapy of tumours: in vitro and in vivo studies. <i>Photochemical and Photobiological Sciences</i> , 2006, 5, 39-50.	2.9	41
35	Phthalocyanines as photodynamic agents for the inactivation of microbial pathogens. <i>Journal of Porphyrins and Phthalocyanines</i> , 2006, 10, 147-159.	0.8	50
36	Synthesis of tetrasubstituted Zn(II)-phthalocyanines carrying four carboranyl-units as potential BNCT and PDT agents. <i>Tetrahedron Letters</i> , 2005, 46, 2979-2982.	1.4	53

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37	Synthesis and reactivity of 2-(porphyrin-2-yl)-1,3-dicarbonyl compounds. <i>Tetrahedron</i> , 2005, 61, 10454-10461.	1.9	33
38	Synthesis of cationic β^2 -vinyl substituted meso-tetraphenylporphyrins and their in vitro activity against herpes simplex virus type 1. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005, 15, 3333-3337.	2.2	42
39	Synthesis of trimethylammoniumphenylthio-substituted phthalocyanines with different pattern of substitution. <i>Tetrahedron Letters</i> , 2003, 44, 515-517.	1.4	28
40	Photosensitizing properties of a boronated phthalocyanine: studies at the molecular and cellular level. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2001, 64, 1-7.	3.8	45
41	Regio- and Stereoselective Cycloadditions of Cyclic Nitrones to Maleic Diamide Forced in a Peptide: Synthesis of Potent Ligands of Human NK-2 Receptor. <i>Journal of Organic Chemistry</i> , 2000, 65, 4003-4008.	3.2	8