

# Marta Pineiro

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

84  
papers

1,443  
citations

19  
h-index

35  
g-index

116  
ext. papers

1,691  
ext. citations

3.8  
avg, IF

4.66  
L-index

#	Paper	IF	Citations
84	Ring-Fused -Tetraarylchlorins as Auspicious PDT Sensitizers: Synthesis, Structural Characterization, Photophysics, and Biological Evaluation.. <i>Frontiers in Chemistry</i> , <b>2022</b> , 10, 873245	5	1
83	Applications of Photodynamic Therapy in Endometrial Diseases. <i>Bioengineering</i> , <b>2022</b> , 9, 226	5.3	0
82	Tryptanthrin derivatives as efficient singlet oxygen sensitizers. <i>Photochemical and Photobiological Sciences</i> , <b>2021</b> , 1	4.2	
81	Mechanochemical in situ generated gas reactant for the solvent-free hydrogenation of porphyrins. <i>Green Chemistry Letters and Reviews</i> , <b>2021</b> , 14, 339-344	4.7	1
80	Tuning the Behavior of a Hydrotalcite-Supported Sulfonated Bithiophene from Aggregation-Caused Quenching to Efficient Monomer Luminescence. <i>Journal of Physical Chemistry C</i> , <b>2021</b> , 125, 8294-8303	3.8	1
79	Red-Purple Photochromic Indigos from Green Chemistry: Mono-BOC or Di-BOC -Substituted Indigos Displaying Excited State Proton Transfer or Photoisomerization. <i>Journal of Physical Chemistry B</i> , <b>2021</b> , 125, 4108-4119	3.4	2
78	Sulfonated tryptanthrin anolyte increases performance in pH neutral aqueous redox flow batteries. <i>Communications Chemistry</i> , <b>2021</b> , 4,	6.3	2
77	One-Pot Synthetic Approach to Dipyrromethanes and Bis(indolyl)methanes via Nitrosoalkene Chemistry. <i>Journal of Chemical Education</i> , <b>2021</b> , 98, 2661-2666	2.4	2
76	Ugi Reaction Synthesis of Oxindole-Lactam Hybrids as Selective Butyrylcholinesterase Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , <b>2021</b> , 12, 1718-1725	4.3	5
75	The application of isatin-based multicomponent-reactions in the quest for new bioactive and druglike molecules. <i>European Journal of Medicinal Chemistry</i> , <b>2021</b> , 211, 113102	6.8	22
74	Porphyrin synthesis using mechanochemistry: Sustainability assessment <b>2021</b> , 549-557		
73	Engaging Isatins in Multicomponent Reactions (MCRs) - Easy Access to Structural Diversity. <i>Chemical Record</i> , <b>2021</b> , 21, 924-1037	6.6	7
72	Transport and photophysical studies on porphyrin-containing sulfonated poly(etheretherketone) composite membranes. <i>Materials Today Communications</i> , <b>2021</b> , 29, 102781	2.5	1
71	Petasis adducts of tryptanthrin synthesis, biological activity evaluation and druglikeness assessment. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 14633-14649	3.6	2
70	Novel fluorinated ring-fused chlorins as promising PDT agents against melanoma and esophagus cancer. <i>RSC Medicinal Chemistry</i> , <b>2021</b> , 12, 615-627	3.5	3
69	Advanced Mechanochemistry Device for Sustainable Synthetic Processes. <i>ACS Omega</i> , <b>2020</b> , 5, 10868-10877	3.7	8
68	A Decade of Indium-Catalyzed Multicomponent Reactions (MCRs). <i>European Journal of Organic Chemistry</i> , <b>2020</b> , 2020, 5501-5513	3.2	7

67	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> , <b>2020</b> , 200, 112468	6.8	9
66	Tryptanthrin from indigo: Synthesis, excited state deactivation routes and efficient singlet oxygen sensitization. <i>Dyes and Pigments</i> , <b>2020</b> , 175, 108125	4.6	3
65	Sequential catalytic carbonylation reactions for sustainable synthesis of biologically relevant entities. <i>Journal of Organometallic Chemistry</i> , <b>2020</b> , 923, 121417	2.3	0
64	Corroles and Hexaphyrins: Synthesis and Application in Cancer Photodynamic Therapy. <i>Molecules</i> , <b>2020</b> , 25,	4.8	9
63	A water-soluble bithiophene with increased photoluminescence efficiency and metal recognition ability. <i>Dalton Transactions</i> , <b>2020</b> , 49, 12319-12326	4.3	1
62	I <sub>2</sub> /NaH/DMF as oxidant trio for the synthesis of tryptanthrin from indigo or isatin. <i>Dyes and Pigments</i> , <b>2020</b> , 173, 107935	4.6	7
61	Deep in blue with green chemistry: influence of solvent and chain length on the behaviour of - and ,alkyl indigo derivatives. <i>Chemical Science</i> , <b>2020</b> , 12, 303-313	9.4	6
60	A comprehensive spectral, photophysical and electrochemical study of synthetic water-soluble acridones. A new class of pH and polarity sensitive fluorescent probes. <i>Dyes and Pigments</i> , <b>2019</b> , 166, 203-210	4.6	12
59	Porphyrin synthesis using mechanochemistry: Sustainability assessment. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2019</b> , 23, 889-897	1.8	3
58	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> , <b>2019</b> , 4, 17244-17250	3.9	9
57	Flow Chemistry: Towards A More Sustainable Heterocyclic Synthesis. <i>European Journal of Organic Chemistry</i> , <b>2019</b> , 2019, 7188-7217	3.2	23
56	A Review on (Hydro)Porphyrin-Loaded Polymer Micelles: Interesting and Valuable Platforms for Enhanced Cancer Nanotheranostics. <i>Pharmaceutics</i> , <b>2019</b> , 11,	6.4	4
55	Current Advances in the Synthesis of Valuable Dipyrrromethane Scaffolds: Classic and New Methods. <i>Molecules</i> , <b>2019</b> , 24,	4.8	9
54	Advances on photodynamic therapy of melanoma through novel ring-fused 5,15-diphenylchlorins. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 146, 395-408	6.8	14
53	A Green Protocol for Microwave-Assisted Extraction of Volatile Oil Terpenes from <i>Pterodon emarginatus</i> Vogel. (Fabaceae). <i>Molecules</i> , <b>2018</b> , 23,	4.8	10
52	Effect of Eu(III) and Tb(III) chloride on the gelification behavior of poly(sodium acrylate). <i>Journal of Molecular Liquids</i> , <b>2018</b> , 264, 205-214	6	4
51	"Gigantic" biatrial myxoma with right heart functional impairment. <i>Echocardiography</i> , <b>2018</b> , 35, 1060-1062	5	1
50	Dual Rh-Ru Catalysts for Reductive Hydroformylation of Olefins to Alcohols. <i>ChemSusChem</i> , <b>2018</b> , 11, 2310-2314	8.3	19

49	A new therapeutic proposal for inoperable osteosarcoma: Photodynamic therapy. <i>Photodiagnosis and Photodynamic Therapy</i> , <b>2018</b> , 21, 79-85	3.5	8
48	Interactions and Supramolecular Organization of Sulfonated Indigo and Thioindigo Dyes in Layered Hydroxide Hosts. <i>Langmuir</i> , <b>2018</b> , 34, 453-464	4	10
47	A novel Pd-catalysed sequential carbonylation/cyclization approach toward bis--heterocycles: rationalization by electronic structure calculations. <i>Royal Society Open Science</i> , <b>2018</b> , 5, 181140	3.3	4
46	Thioindigo, and sulfonated thioindigo derivatives as solvent polarity dependent fluorescent on-off systems. <i>Dyes and Pigments</i> , <b>2018</b> , 158, 259-266	4.6	12
45	Hydrogen Peroxide and Metalloporphyrins in Oxidation Catalysis: Old Dogs with Some New Tricks. <i>ChemCatChem</i> , <b>2018</b> , 10, 3615-3635	5.2	28
44	Microwave irradiation as a sustainable tool for catalytic carbonylation reactions. <i>Inorganica Chimica Acta</i> , <b>2017</b> , 455, 364-377	2.7	18
43	Platinum(II) Ring-Fused Chlorins as Near-Infrared Emitting Oxygen Sensors and Photodynamic Agents. <i>ACS Medicinal Chemistry Letters</i> , <b>2017</b> , 8, 310-315	4.3	38
42	Advances on photodynamic therapy through new pyridine-fused diphenylchlorins as photosensitizers for melanoma treatment:. <i>Porto Biomedical Journal</i> , <b>2017</b> , 2, 227	1.1	
41	Functionalization of indole at C-5 or C-7 via palladium-catalysed double carbonylation. A facile synthesis of indole ketocarboxamides and carboxamide dimers. <i>Tetrahedron</i> , <b>2016</b> , 72, 247-256	2.4	12
40	Highly efficient Rh(I)/tris-binaphthyl monophosphite catalysts for hydroformylation of sterically hindered alkyl olefins. <i>Journal of Molecular Catalysis A</i> , <b>2016</b> , 416, 73-80		7
39	Molecular analysis of apoptosis pathway after photodynamic therapy in breast cancer: Animal model study. <i>Photodiagnosis and Photodynamic Therapy</i> , <b>2016</b> , 14, 152-8	3.5	8
38	Synthesis of meso-substituted porphyrins using sustainable chemical processes. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2016</b> , 20, 45-60	1.8	24
37	Solventless metallation of low melting porphyrins synthesized by the water/microwave method. <i>RSC Advances</i> , <b>2015</b> , 5, 64902-64910	3.7	17
36	Copper(I) complexes of methyl 4-aryl-6-methyl-3,4-dihydropyrimidine-2(1H)-thione-5-carboxylates. Synthesis, characterization and activity in human breast cancer cells. <i>Inorganica Chimica Acta</i> , <b>2015</b> , 438, 160-167	2.7	8
35	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> , <b>2015</b> , 103, 374-80	6.8	18
34	Mass isotopomer analysis of nucleosides isolated from RNA and DNA using GC/MS. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 617-23	7.8	13
33	Microwave Assisted Reactions of Natural Oils: Transesterification and Hydroformylation/Isomerization as Tools for High Value Compounds. <i>Current Microwave Chemistry</i> , <b>2015</b> , 2, 53-60	0.7	9
32	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> , <b>2015</b> , 481, 288-296	5.1	7

31	Thermodynamic study of the interaction between 5,10,15,20-tetrakis-(N-methyl-4-pyridyl)porphyrin tetraiodine and sodium dodecyl sulfate. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2015</b> , 480, 279-286	5.1	12
30	The synthesis of (14)C-labeled, (13)CD2-labeled saxagliptin, and its (13)CD2-labeled 5-hydroxy metabolite. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , <b>2014</b> , 57, 136-40	1.9	
29	Ecofriendly porphyrin synthesis by using water under microwave irradiation. <i>ChemSusChem</i> , <b>2014</b> , 7, 2821-4	8.3	36
28	The effect of polyaromatic hydrocarbons on the spectral and photophysical properties of diaryl-pyrrole derivatives: an experimental and theoretical study. <i>Physical Chemistry Chemical Physics</i> , <b>2014</b> , 16, 18319-26	3.6	4
27	Evaluation of a (99m) Tc-labelled meso-bisphenylporphyrin as a tumour image agent. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , <b>2014</b> , 57, 141-7	1.9	5
26	On the Microwave-Assisted Synthesis and Oxidation of Biginelli Compounds: Comparative Study of Dihydropyrimidinones and Thiones Oxidation. <i>Current Microwave Chemistry</i> , <b>2014</b> , 1, 119-134	0.7	6
25	Cromatografia gasosa-espectrometria de massas e derivatizaçã assistida por micro-ondas na identificaçã de isômeros de glicose: uma prãtica para o ensino avançãdo em anãlise e caracterizaçã de compostos orgãnicos. <i>Quimica Nova</i> , <b>2014</b> , 37, 176-180	1.6	3
24	Microwave-Assisted Synthesis and Reactivity of Porphyrins. <i>Current Organic Synthesis</i> , <b>2014</b> , 11, 89-109	1.9	16
23	2-Bromo-5-hydroxyphenylporphyrins for photodynamic therapy: photosensitization efficiency, subcellular localization and in vivo studies. <i>Photodiagnosis and Photodynamic Therapy</i> , <b>2013</b> , 10, 51-61	3.5	16
22	Quantification and inhibition of the gas polymerization process in timingRPCs. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2012</b> , 661, S222-S225	1.2	1
21	A look at clinical applications and developments of photodynamic therapy. <i>Oncology Reviews</i> , <b>2011</b> , 2, 235	4.3	2
20	In vitro photodynamic activity of 5,15-bis(3-hydroxyphenyl)porphyrin and its halogenated derivatives against cancer cells. <i>Photochemistry and Photobiology</i> , <b>2010</b> , 86, 206-12	3.6	25
19	Sãntese de fotoprotetores e sua imobilizaçã em poli(metacrilato de metilo): um projeto integrado de quãmica orgãnica, quãmica de polãmeros e fotoquãmica. <i>Quimica Nova</i> , <b>2010</b> , 33, 1805-1808	1.6	2
18	Synthetic porphyrins bearing Èpropionate chains as photosensitizers for photodynamic therapy. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2010</b> , 14, 438-445	1.8	10
17	MnO2 instead of quinones as selective oxidant of tetrapyrrolic macrocycles. <i>Inorganic Chemistry Communication</i> , <b>2010</b> , 13, 395-398	3.1	23
16	The influence of the support on the singlet oxygen quantum yields of porphyrin supported photosensitizers. <i>Arkivoc</i> , <b>2010</b> , 2010, 51-63	0.9	3
15	LC-MS-MS method development separation and identification of Alprazolam and degradation products. <i>Arkivoc</i> , <b>2010</b> , 2010, 128-141	0.9	2
14	The small stones of Coimbra in the huge tetrapyrrolic chemistry building. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2009</b> , 13, 429-445	1.8	10

13	Microwave-Assisted 1,3-Dipolar Cycloaddition: an Eco-Friendly Approach to Five-Membered Heterocycles. <i>European Journal of Organic Chemistry</i> , <b>2009</b> , 2009, 5287-5307	3.2	72
12	A long-run study of aging in glass timing RPCs with analysis of the deposited material. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2009</b> , 602, 775-779	1.2	6
11	Photoacid for extremely long-lived and reversible pH-jumps. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 9456-62	16.4	54
10	A look at clinical applications and developments of photodynamic therapy. <i>Oncology Reviews</i> , <b>2008</b> , 2, 235-249	4.3	25
9	Halogen atom effect on photophysical and photodynamic characteristics of derivatives of 5,10,15,20-tetrakis(3-hydroxyphenyl)porphyrin. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2008</b> , 92, 59-65	6.7	51
8	Microwave-assisted synthesis of porphyrins and metalloporphyrins: a rapid and efficient synthetic method. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2007</b> , 11, 77-84	1.8	57
7	Atropisomers of 5,10,15,20-tetrakis(2,6-dichloro-3-sulfamoyl-phenyl)porphyrins. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2007</b> , 11, 50-57	1.8	16
6	Two-photon photoacoustic calorimetry and the absolute measurement of molar absorption coefficients of transient species in solution. <i>Photochemical and Photobiological Sciences</i> , <b>2003</b> , 2, 749-53	4.2	2
5	Heavy-atom effects on metalloporphyrins and polyhalogenated porphyrins. <i>Chemical Physics</i> , <b>2002</b> , 280, 177-190	2.3	146
4	New Halogenated Phenylbacteriochlorins and Their Efficiency in Singlet-Oxygen Sensitization. <i>Journal of Physical Chemistry A</i> , <b>2002</b> , 106, 3787-3795	2.8	66
3	Singlet oxygen quantum yields from halogenated chlorins: potential new photodynamic therapy agents. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2001</b> , 138, 147-157	4.7	64
2	Novel porphyrins and a chlorin as efficient singlet oxygen photosensitizers for photooxidation of naphthols or phenols to quinones. <i>Perkin Transactions II RSC</i> , <b>2000</b> , 2441-2447		45
1	Photoacoustic Measurements of Porphyrin Triplet-State Quantum Yields and Singlet-Oxygen Efficiencies. <i>Chemistry - A European Journal</i> , <b>1998</b> , 4, 2299-2307	4.8	204