

# Fernanda ProenÃ§a

## List of Publications by Year in descending order

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82  
papers

1,843  
citations

279701

23  
h-index

302012

39  
g-index

87  
all docs

87  
docs citations

87  
times ranked

2921  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biological importance of structurally diversified chromenes. <i>European Journal of Medicinal Chemistry</i> , 2016, 123, 487-507.	2.6	230
2	Quantification of humic acids in surface water: effects of divalent cations, pH, and filtration. <i>Journal of Environmental Monitoring</i> , 2009, 11, 377-382.	2.1	136
3	The Condensation of Salicylaldehydes and Malononitrile Revisited: Synthesis of New Dimeric Chromene Derivatives. <i>Journal of Organic Chemistry</i> , 2008, 73, 1954-1962.	1.7	92
4	Superior anticancer activity of halogenated chalcones and flavonols over the natural flavonol quercetin. <i>European Journal of Medicinal Chemistry</i> , 2013, 65, 500-510.	2.6	77
5	Synthesis, crystal growth and characterisation of a new nonlinear optical material urea l-malic acid. <i>Synthetic Metals</i> , 2000, 115, 225-228.	2.1	66
6	Controlled Functionalization of Carbon Nanotubes by a Solvent-free Multicomponent Approach. <i>ACS Nano</i> , 2010, 4, 7379-7386.	7.3	57
7	Antifungal activity of a novel chromene dimer. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2007, 34, 787-792.	1.4	51
8	IFN- $\gamma$ -Dependent Activation of Macrophages during Experimental Infections by <i>Mycobacterium ulcerans</i> Is Impaired by the Toxin Mycolactone. <i>Journal of Immunology</i> , 2010, 184, 947-955.	0.4	50
9	Unzipping of Functionalized Multiwall Carbon Nanotubes Induced by STM. <i>Nano Letters</i> , 2010, 10, 1764-1768.	4.5	50
10	Synthesis and in vitro evaluation of substituted pyrimido[5,4-d]pyrimidines as a novel class of Antimycobacterium tuberculosis agents. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 3234-3239.	2.6	38
11	Crystal growth and characterization of a new nonlinear optical material: Urea l-Malic Acid. <i>Journal of Crystal Growth</i> , 2003, 253, 460-466.	0.7	35
12	Halide ion induced quenching and enhancement of the fluorescence of fluoranthene solubilized in cetyltrimethylammonium bromide (CTAB) micelles. <i>Journal of the Chemical Society, Faraday Transactions 2</i> , 1980, 76, 685.	1.1	33
13	New chromene scaffolds for adenosine A2A receptors: Synthesis, pharmacology and structure-activity relationships. <i>European Journal of Medicinal Chemistry</i> , 2012, 54, 303-310.	2.6	33
14	The Reactions of Diaminomaleonitrile with Isocyanates and Either Aldehydes or Ketones Revisited. <i>Journal of Organic Chemistry</i> , 2001, 66, 8436-8441.	1.7	31
15	Facile synthesis of 6-cyano-9-substituted-9H-purines and their ring expansion to 8-(arylamino)-4-imino-3-methylpyrimidino[5,4-d]pyrimidines. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2001, , 2532-2537.	1.3	31
16	Oxidative stress protection by newly synthesized nitrogen compounds with pharmacological potential. <i>Life Sciences</i> , 2006, 78, 1256-1267.	2.0	29
17	Exploitation of new chalcones and 4H-chromenes as agents for cancer treatment. <i>European Journal of Medicinal Chemistry</i> , 2018, 157, 101-114.	2.6	29
18	A simple and eco-friendly approach for the synthesis of 2-imino and 2-oxo-2H-chromene-3-carboxamides. <i>Green Chemistry</i> , 2008, 10, 995.	4.6	28

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19	In silico directed chemical probing of the adenosine receptor family. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 3043-3052.	1.4	28
20	Enhanced electrochemical sensing of polyphenols by an oxygen-mediated surface. <i>RSC Advances</i> , 2015, 5, 5024-5031.	1.7	28
21	One-pot approach to the synthesis of novel 12H-chromeno[2,3- <i>b</i> :4,5]imidazo[1,2- <i>a</i> ]pyridines in aqueous media. <i>Tetrahedron</i> , 2010, 66, 4542-4550.	1.0	27
22	Proteomic Analysis of the Action of the Mycobacterium ulcerans Toxin Mycolactone: Targeting Host Cells Cytoskeleton and Collagen. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e3066.	1.3	27
23	Unusual supramolecular assembly and nonlinear optical properties of L-histidinium hydrogen malate. <i>Journal of Solid State Chemistry</i> , 2006, 179, 2521-2528.	1.4	25
24	The synthesis of imidazo[4,5- <i>d</i> ]pyridines from a substituted imidazole and acyl or sulfonyl acetonitrile. <i>Tetrahedron</i> , 2007, 63, 3745-3753.	1.0	24
25	Synthesis of novel 6-enaminopurines. <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 2340-2345.	1.5	23
26	Functionalization of carbon nanofibres by 1,3-dipolar cycloaddition reactions and its effect on composite properties. <i>Composites Science and Technology</i> , 2007, 67, 806-810.	3.8	23
27	Synthesis of 4- and 5-disubstituted 1-benzylimidazoles, important precursors of purine analogs. <i>Journal of Heterocyclic Chemistry</i> , 1994, 31, 345-350.	1.4	22
28	Efficient Synthesis of 3H-Imidazo[4,5- <i>b</i> ]pyridines from Malononitrile and 5-Amino-4-(cyanoformimidoyl)imidazoles. <i>Journal of Organic Chemistry</i> , 2003, 68, 276-282.	1.7	22
29	Efficient dispersion of multi-walled carbon nanotubes in aqueous solution by non-covalent interaction with perylene bisimides. <i>RSC Advances</i> , 2013, 3, 24535.	1.7	22
30	Synthesis and in vitro activity of 6-amino-2,9-diarylpurines for Mycobacterium tuberculosis. <i>Tetrahedron</i> , 2009, 65, 6903-6911.	1.0	21
31	Protective role of new nitrogen compounds on ROS/RNS-mediated damage to PC12 cells. <i>Free Radical Research</i> , 2008, 42, 57-69.	1.5	20
32	Unravelling the anticancer potential of functionalized chromeno[2,3- <i>b</i> ]pyridines for breast cancer treatment. <i>Bioorganic Chemistry</i> , 2020, 100, 103942.	2.0	20
33	Efficient conversion of 6-cyanopurines into 6-alkoxyformimidoylpurines. <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 1019-1024.	1.5	19
34	An Efficient Synthesis of 7,8-Dihydropyrimido[5,4- <i>d</i> ]pyrimidines. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 1324-1331.	1.2	19
35	The reaction of anthranilonitrile and triethylorthoformate revisited: formation of dimeric and trimeric species. <i>Tetrahedron</i> , 2010, 66, 8681-8689.	1.0	19
36	Bromide ion quenching of micellized hydrocarbon fluorescence: a search for effects of emitter lifetime on the quenching behaviour. <i>Journal of Photochemistry and Photobiology</i> , 1980, 12, 285-292.	0.6	18

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37	The 1,3-Dipolar Cycloaddition Reaction in the Functionalization of Carbon Nanofibers. <i>Journal of Nanoscience and Nanotechnology</i> , 2007, 7, 3441-3445.	0.9	18
38	Synthesis and antimicrobial activity of novel 5-aminoimidazole-4-carboxamidrazones. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 4699-4702.	1.0	18
39	Novel structurally similar chromene derivatives with opposing effects on p53 and apoptosis mechanisms in colorectal HCT116 cancer cells. <i>European Journal of Pharmaceutical Sciences</i> , 2015, 72, 34-45.	1.9	18
40	Efficient Synthesis of 4,4'-Bi-1H-imidazol-2-ones from 5-Amino-1H-imino-1H-imidazole-4-acetonitriles and Isocyanates. <i>Journal of Organic Chemistry</i> , 2002, 67, 5546-5552.	1.7	17
41	A New Approach to the Synthesis of <i>N,N</i> -Dialkyladenine Derivatives. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 4881-4887.	1.2	17
42	Novel 4-substituted 4,5-dihydro-3H-(8-amino-6-oxo)pyrrolo[3,4-f][1,3,5]triazepines from (Z)-N2-(2-amino-1,2-dicyano)formamidine and carbonyl compounds. <i>Journal of the Chemical Society Chemical Communications</i> , 1993, , 834-836.	2.0	13
43	Functionalization of Carbon Nanofibers by a Diels-Alder Addition Reaction. <i>Journal of Nanoscience and Nanotechnology</i> , 2007, 7, 3514-3518.	0.9	13
44	Selective synthesis of some imidazopyridine-fused chromones. <i>Tetrahedron</i> , 2011, 67, 8622-8627.	1.0	13
45	The Diels-Alder Cycloaddition Reaction in the Functionalization of Carbon Nanofibers. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 6234-6238.	0.9	12
46	A one-pot synthesis of substituted pyrido[2,3-b]indolizines. <i>Tetrahedron</i> , 2011, 67, 1071-1075.	1.0	12
47	An ecofriendly approach to the synthesis of 2-imino- and 2-oxo-3-phenylsulfonyl-2H-chromenes. <i>Tetrahedron Letters</i> , 2012, 53, 5235-5237.	0.7	12
48	A Mild Approach to the Synthesis of 4-Amino-8-(arylamino)pyrimido[5,4-d]pyrimidine 3-Oxides. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 4867-4872.	1.2	11
49	Tandem Cyclization of a Bispyridinium Chloride: Facile Synthesis of Substituted Indolizines. <i>Synlett</i> , 2013, 24, 2255-2258.	1.0	10
50	Novel nitrogen compounds enhance protection and repair of oxidative DNA damage in a neuronal cell model: Comparison with quercetin. <i>Chemico-Biological Interactions</i> , 2009, 181, 328-337.	1.7	9
51	Synthesis of novel chromene scaffolds for adenosine receptors. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 4242.	1.5	9
52	2-Aryl-1,9-dihydrochromeno[3,2-d]imidazoles: a facile synthesis from salicylaldehydes and arylideneaminoacetonitrile. <i>Tetrahedron</i> , 2011, 67, 1799-1804.	1.0	9
53	Versatile Synthesis of 5-Aminoimidazole-4-carboxylic Acid Derivatives. <i>Synlett</i> , 2011, 2011, 2675-2680.	1.0	8
54	Synthesis and electrochemical evaluation of substituted imidazo[4,5-d]pyrrolo[3,2-f][1,3] diazepine scaffolds. <i>Tetrahedron</i> , 2012, 68, 4628-4634.	1.0	8

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55	Probing the surface of oxidized carbon nanotubes by selective interaction with target molecules. <i>Electrochemistry Communications</i> , 2015, 57, 22-26.	2.3	8
56	6-Carbohydrazonamidepurines: Convenient Precursors for 4,8-Disubstituted Pyrimido[5,4-d]pyrimidines. <i>Synlett</i> , 2014, 25, 343-348.	1.0	7
57	The Reaction of 2-(Acylamino)benzonitriles with Primary Aromatic Amines: A Convenient Synthesis of 2-Substituted 4-(Arylamino)quinazolines. <i>Synthesis</i> , 2015, 47, 1623-1632.	1.2	7
58	Role of Carbonaceous Fragments on the Functionalization and Electrochemistry of Carbon Materials. <i>ChemElectroChem</i> , 2016, 3, 2138-2145.	1.7	7
59	Organic functionalization of carbon nanofibers for composite applications. <i>Polymer Composites</i> , 2010, 31, 369-376.	2.3	6
60	Identification of Novel Scaffolds from an Original Chemical Library as Potential Antipsychotics. <i>QSAR and Combinatorial Science</i> , 2009, 28, 856-860.	1.5	6
61	A Facile One-Pot Synthesis of 3-Imidazolyl 1,2,4-Triazoles and 1,2,4-Oxadiazolones. <i>Synlett</i> , 2010, 2010, 2792-2796.	1.0	6
62	Synthesis of 6-cyano and 6-unsubstituted 2-aryl-8-oxopurine from a common 2-oxoimidazole precursor. <i>Tetrahedron</i> , 2011, 67, 755-762.	1.0	6
63	Synthesis of 3-aminochromenes: the Zincke reaction revisited. <i>Tetrahedron</i> , 2014, 70, 4869-4875.	1.0	6
64	Self-Assembled Functionalized Graphene Nanoribbons from Carbon Nanotubes. <i>ChemistryOpen</i> , 2015, 4, 115-119.	0.9	6
65	General Synthetic Approach to 2-Phenolic Adenine Derivatives. <i>Synlett</i> , 2012, 23, 1923-1926.	1.0	5
66	N1- and C6-substituted adenines: a regioselective and efficient synthesis. <i>Tetrahedron</i> , 2013, 69, 10014-10021.	1.0	5
67	Synthesis and radical scavenging activity of phenol-imidazole conjugates. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 2768-2772.	1.0	5
68	Adenine Derivatives: Promising Candidates for Breast Cancer Treatment. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 3943-3956.	1.2	5
69	2,2,8,9-Tetramethyl-1,2-dihydropurine-6-carboxamide. <i>Acta Crystallographica Section B: Structural Crystallography and Crystal Chemistry</i> , 1982, 38, 2921-2924.	0.4	4
70	Synthesis and Characterization of a Salt of Sodium with L-Malic Acid: A New Ferroelectric?. <i>Ferroelectrics</i> , 2003, 295, 47-53.	0.3	4
71	The solvent effect on the sidewall functionalization of multi-walled carbon nanotubes with maleic anhydride. <i>Carbon</i> , 2014, 78, 401-414.	5.4	4
72	2-Methyl-4-oxo-3H,5H-6-imidazo[3,4-b][1,2,4]triazepinecarbonitrile: condensation product of a $\beta$ -keto ester with 1,5-diamino-4-imidazolecarbonitrile under basic conditions. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1993, 49, 1693-1694.	0.4	3

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73	A Base-Catalyzed Cascade Route to Phenolic 6-Cyanopurines via O-Alkylformamidoximes. <i>Synlett</i> , 2014, 25, 2595-2598.	1.0	3
74	New and Efficient Synthesis of Imidazo[4,5-b]pyridine-5-ones. <i>Synlett</i> , 2005, 2005, 2429-2432.	1.0	2
75	The Synthesis of 6-Amidino-2-oxopurine Revisited: New Evidence for the Reaction Mechanism. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 1925-1934.	1.2	2
76	Synthesis of 4-Amino-3,5-dicyano-arylpyrazoles, Part 2: Isolation and Characterization of By-Products. <i>Synthetic Communications</i> , 2012, 42, 1695-1703.	1.1	2
77	A Convenient One-pot Synthesis of Chromenyl Acrylates and Acrylonitriles. <i>Synlett</i> , 2020, 31, 1298-1302.	1.0	2
78	A Versatile Synthetic Approach to Isoguanine Derivatives. <i>Synlett</i> , 2007, 2007, 1231-1234.	1.0	1
79	One-Pot Regioselective Synthesis of 2,6,9-Trisubstituted Adenines. <i>Synlett</i> , 2011, 2011, 181-186.	1.0	1
80	Ethyl 3-(5-amino-4-cyano-1-imidazolyl-amino)-2-butenate: an example of a combined inter- and intramolecular bifurcated hydrogen bond. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1993, 49, 1695-1696.	0.4	0
81	A Tautomeric Pair of 2,2-Dimethyl-6-carbamoyl-9-phenyldihydropurines. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1995, 51, 1467-1470.	0.4	0
82	Recent Advances in the Synthesis of the Antidepressant Paroxetine. <i>Current Medicinal Chemistry</i> , 2021, 28, 2960-2973.	1.2	0