

# Fernando GarcÃ-a-Tellado

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/703576/publications.pdf>

Version: 2024-02-01

86  
papers

2,797  
citations

172457

29  
h-index

182427

51  
g-index

119  
all docs

119  
docs citations

119  
times ranked

2448  
citing authors

#	ARTICLE	IF	CITATIONS
1	In vitro activity and cell death mechanism induced by acrylonitrile derivatives against <i>Leishmania amazonensis</i> . <i>Bioorganic Chemistry</i> , 2022, 124, 105872.	4.1	4
2	Short and Modular Synthesis of Substituted 2-Aminopyrroles. <i>Organic Letters</i> , 2021, 23, 4078-4082.	4.6	9
3	Acrylonitrile Derivatives against <i>Trypanosoma cruzi</i> : In Vitro Activity and Programmed Cell Death Study. <i>Pharmaceuticals</i> , 2021, 14, 552.	3.8	9
4	Cyanovinylation of Aldehydes: Organocatalytic Multicomponent Synthesis of Conjugated Cyanomethyl Vinyl Ethers. <i>Molecules</i> , 2021, 26, 4120.	3.8	3
5	The therapeutic potential of novel isobenzofuranones against <i>Naegleria fowleri</i> . <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2021, 17, 139-149.	3.4	3
6	A General and Scalable Synthesis of Polysubstituted Indoles. <i>Molecules</i> , 2020, 25, 5595.	3.8	4
7	Short and modular synthesis of tetraarylsalicylaldehydes. <i>Chemical Communications</i> , 2020, 56, 4019-4022.	4.1	2
8	A Focused Library of NO <sub>2</sub> -Donor Compounds with Potent Antiproliferative Activity Based on Green Multicomponent Reactions. <i>ChemMedChem</i> , 2019, 14, 1669-1683.	3.2	8
9	Catalytic Hydrocyanation of Activated Terminal Alkynes. <i>Chemistry - A European Journal</i> , 2019, 25, 15046-15049.	3.3	6
10	Recent Advances in the Synthesis of 2H-Pyrans. <i>Molecules</i> , 2019, 24, 2904.	3.8	15
11	A Domino Strategy for the Synthesis of 2-H-Pyrans from Propargyl Vinyl Ethers. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 1784-1790.	2.4	5
12	A green multicomponent synthesis of tocopherol analogues with antiproliferative activities. <i>European Journal of Medicinal Chemistry</i> , 2018, 143, 1888-1902.	5.5	15
13	Synthesis and Utility of 2,2-Dimethyl-2-H-pyrans: Dienes for Sequential Diels-Alder/Retro-Diels-Alder Reactions. <i>Organic Letters</i> , 2018, 20, 7987-7990.	4.6	14
14	Stereodiversified Modular Synthesis of Non-Planar Five-Membered Cyclic N-Hydroxylamidines: Reactivity Study and Application to the Synthesis of Cyclic Amidines. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 4362-4371.	4.3	7
15	Diversifying Complexity by Domino Benzannulation of Polycyclic Natural Products. <i>Journal of Organic Chemistry</i> , 2017, 82, 5328-5336.	3.2	7
16	Integrative Pericyclic Cascade: An Atom Economic, Multi C-C Bond-Forming Strategy for the Construction of Molecular Complexity. <i>Chemistry - A European Journal</i> , 2017, 23, 10048-10052.	3.3	8
17	Synthesis of Polysubstituted Benzoic Esters from 1,2-Dihydropyridines and Its Application to the Synthesis of Fluorenones. <i>Organic Letters</i> , 2016, 18, 2770-2773.	4.6	9
18	Propargyl Vinyl Ethers and Tertiary Skipped Dienes: Two Pluripotent Molecular Platforms for Diversity-Oriented Synthesis. <i>Accounts of Chemical Research</i> , 2016, 49, 703-713.	15.6	24

#	ARTICLE	IF	CITATIONS
19	Synthesis of $\beta$ -Quaternized 2,4-Cyclohexadienones from Propargyl Vinyl Ethers. <i>Journal of Organic Chemistry</i> , 2016, 81, 10099-10105.	3.2	4
20	Hydrogen Bond Controlled Anti-Michael Addition: Diastereoselective Synthesis of Cyclobutene-Containing Amino Acid Derivatives. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 3462-3469.	2.4	4
21	Microwave-Assisted Organocatalyzed Rearrangement of Propargyl Vinyl Ethers to Salicylaldehyde Derivatives: An Experimental and Theoretical Study. <i>Chemistry - A European Journal</i> , 2015, 21, 18280-18289.	3.3	14
22	A Robust and General Protocol for the Lewis-Base-Catalysed Reaction of Alcohols and Alkyl Propiolates. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 198-205.	2.4	35
23	General Synthesis of Substituted 1,2-Dihydropyridines. <i>Journal of Organic Chemistry</i> , 2014, 79, 10655-10661.	3.2	44
24	Coupled Domino Processes: Synthesis of 3,5,8-Trisubstituted Coumarins from Propargyl Vinyl Ethers. <i>Journal of Organic Chemistry</i> , 2013, 78, 8853-8858.	3.2	15
25	Synthesis of Fully Substituted Pyrimidines. <i>Journal of Organic Chemistry</i> , 2013, 78, 3457-3463.	3.2	21
26	Water-Compatible Hydrogen-Bond Activation: A Scalable and Organocatalytic Model for the Stereoselective Multicomponent Aza-Henry Reaction. <i>Chemistry - A European Journal</i> , 2013, 19, 16550-16554.	3.3	42
27	Propargyl Claisen rearrangement: allene synthesis and beyond. <i>Chemical Society Reviews</i> , 2013, 42, 458-471.	38.1	164
28	Ab initio crystal structure determination of two chain functionalized pyrroles from synchrotron X-ray powder diffraction data. <i>Powder Diffraction</i> , 2012, 27, 172-178.	0.2	0
29	Merging Domino and Redox Chemistry: Stereoselective Access to Di- and Trisubstituted $\beta,\beta$ -Unsaturated Acids and Esters. <i>Chemistry - A European Journal</i> , 2012, 18, 3468-3472.	3.3	14
30	Microwave-Assisted Domino Access to $\gamma,\delta$ -Chain Functionalized Furans from Tertiary Propargyl Vinyl Ethers. <i>Organic Letters</i> , 2011, 13, 4422-4425.	4.6	29
31	Reactivity Control in the Addition of $N,N$ -Dialkylated 1, $n$ -Diamines to Activated Skipped Dienes: Synthesis of Fused Bicyclic 1,4-Diazepanes and 1,5-Diazocanes. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 6847-6850.	2.4	10
32	A Microwave-Assisted Domino Rearrangement of Propargyl Vinyl Ethers to Multifunctionalized Aromatic Platforms. <i>Chemistry - A European Journal</i> , 2011, 17, 3318-3321.	3.3	29
33	Diverted Domino Reactivity in Tertiary Skipped Dienes: A Convenient Access to Polyfunctionalized Cyclohexadienones and Multivalent Aromatic Scaffolds. <i>Chemistry - A European Journal</i> , 2011, 17, 9571-9575.	3.3	10
34	Fluoride-Triggered Domino Reactions Involving Ammonium Acetylides and Carbonyl Compounds. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 33-37.	2.4	4
35	Microwave-Assisted Diversity-Oriented Domino Synthesis of Functionalized Nicotinic Acid Derivatives. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 6582-6587.	2.4	21
36	A Convenient Domino Access to Substituted Alkyl 1,2-Dihydropyridine-3-carboxylates from Propargyl Enol Ethers and Primary Amines. <i>Chemistry - A European Journal</i> , 2010, 16, 428-431.	3.3	49

#	ARTICLE	IF	CITATIONS
37	Tertiary Skipped Dienes: A Pluripotent Building Block for the Modular and Diversity-Oriented Synthesis of Nitrogen Heterocycles. <i>Chemistry - A European Journal</i> , 2010, 16, 3276-3280.	3.3	12
38	Asymmetric Alkynylation of Imines by Cooperative Hydrogen Bonding and Metal Catalysis. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 1013-1016.	13.8	131
39	A Metal-Free, Three-Component Manifold for the C2-Functionalization of 1-Substituted Imidazoles Operating "On Water". <i>Synlett</i> , 2010, 2010, 2421-2424.	1.8	1
40	Mitotic Arrest Induced by a Novel Family of DNA Topoisomerase II Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 3835-3839.	6.4	18
41	Trialkylamine versus Trialkylphosphine: Catalytic Conjugate Addition of Alcohols to Alkyl Propiolates. <i>Synlett</i> , 2009, 2009, 1223-1226.	1.8	25
42	From Conjugated Tertiary Skipped Dienes to Chain-Functionalized Tetrasubstituted Pyrroles. <i>Chemistry - A European Journal</i> , 2009, 15, 838-842.	3.3	29
43	Acetylides from Alkyl Propiolates as Building Blocks for C <sub>3</sub> Homologation. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 2090-2098.	13.8	52
44	Lewis base-catalyzed three-component Strecker reaction on water. An efficient manifold for the direct $\alpha$ -cyanoamination of ketones and aldehydes. <i>Chemical Communications</i> , 2009, , 6839.	4.1	49
45	Ambiphilic allenes: synthesis and reactivity. <i>Chemical Communications</i> , 2009, , 2368.	4.1	21
46	Metal-Free Access to Fully Substituted Skipped Dienes. An Efficient Chemodifferentiating A <sub>2</sub> B <sup>+</sup> 4CR Manifold. <i>Journal of Organic Chemistry</i> , 2007, 72, 5454-5456.	3.2	22
47	A Substrate-Based Folding Process Incorporating Chemodifferentiating A <sub>2</sub> B <sup>+</sup> Three-Component Reactions of Terminal Alkynoates and 1,2-Dicarbonyl Compounds: A Skeletal-Diversity-Oriented Synthetic Manifold. <i>Chemistry - A European Journal</i> , 2007, 13, 1201-1209.	3.3	32
48	Dual Reactivity Pattern of Allenolates "On Water": The Chemical Basis for Efficient Allenolate-Driven Organocatalytic Systems. <i>Chemistry - A European Journal</i> , 2007, 13, 4823-4832.	3.3	65
49	Chemo-differentiating A <sub>2</sub> B <sup>+</sup> multicomponent reactions. Privileged building blocks. <i>Chemical Society Reviews</i> , 2007, 36, 484-491.	38.1	327
50	Chemo-differentiating MCRs based on $\alpha$ -ketoesters and terminal alkynoates. A homoaldol-based A <sub>2</sub> B <sup>+</sup> system. <i>Chemical Communications</i> , 2006, , 2667-2669.	4.1	31
51	Organocatalysis "on water": Regioselective [3 + 2]-cycloaddition of nitrones and allenolates. <i>Chemical Communications</i> , 2006, , 2798-2800.	4.1	50
52	A Convenient Entry to 5-(sp <sup>2</sup> )-Substituted and 5,5-Disubstituted Tetrionic Acids. <i>Synlett</i> , 2006, 2006, 1607-1609.	1.8	3
53	Antiproliferative activity in HL60 cells by tetrasubstituted pyrroles: a structure-activity relationship study. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005, 15, 2487-2490.	2.2	30
54	Multicomponent Domino Processes Based on the Organocatalytic Generation of Conjugated Acetylides: Efficient Synthetic Manifolds for Diversity-Oriented Molecular Construction. <i>Chemistry - A European Journal</i> , 2005, 11, 3502-3510.	3.3	120

#	ARTICLE	IF	CITATIONS
55	A Modular, One-Pot, Four-Component Synthesis of Polysubstituted 1,3-Oxazolidines.. ChemInform, 2005, 36, no.	0.0	0
56	Synthesis and Anti-Breast Cancer Activity of Tetrasubstituted Pyrrole Derivatives. Letters in Drug Design and Discovery, 2005, 2, 529-532.	0.7	4
57	Acid-Mediated Highly Regioselective Oxidation of Substituted Furans: A Simple and Direct Entry to Substituted Butenolides. Synlett, 2005, 2005, 1575-1578.	1.8	6
58	A Convenient and Chemoselective One-Pot Oxidation/Wittig Reaction for the C2-Homologation of Carbohydrate-Derived Glycols. Journal of Organic Chemistry, 2005, 70, 10099-10101.	3.2	38
59	A Modular, One-Pot, Four-Component Synthesis of Polysubstituted 1,3-Oxazolidines. Journal of Organic Chemistry, 2005, 70, 1042-1045.	3.2	31
60	SYNTHESIS AND CHEMISTRY OF TETRONIC ACIDS. Organic Preparations and Procedures International, 2004, 36, 33-59.	1.3	41
61	Solvent-Free Microwave-Assisted Efficient Synthesis of 4,4-Disubstituted 2-Oxazolines.. ChemInform, 2004, 35, no.	0.0	0
62	A Diversity-Oriented Strategy for the Construction of Tetrasubstituted Pyrroles via Coupled Domino Processes.. ChemInform, 2004, 35, no.	0.0	0
63	A Diversity-Oriented Strategy for the Construction of Tetrasubstituted Pyrroles via Coupled Domino Processes. Journal of the American Chemical Society, 2004, 126, 8390-8391.	13.7	119
64	An Effective One-Pot Synthesis of 5-Substituted Tetronic Acids. Journal of Organic Chemistry, 2003, 68, 3363-3365.	3.2	20
65	Solvent-Free Microwave-Assisted Efficient Synthesis of 4,4-Disubstituted 2-Oxazolines. European Journal of Organic Chemistry, 2003, 2003, 4387-4391.	2.4	16
66	An Effective One-Pot Synthesis of 5-Substituted Tetronic Acids.. ChemInform, 2003, 34, no.	0.0	0
67	Efficient Domino Process Based on the Catalytic Generation of Non-Metalated, Conjugated Acetylides in the Presence of Aldehydes or Activated Ketones. Chemistry - A European Journal, 2003, 9, 3122-3131.	3.3	60
68	Alkynoates as a Source of Reactive Alkylinides for Aldehyde Addition Reactions. Organic Letters, 2001, 3, 1905-1908.	4.6	42
69	Enantioselective Synthesis of Medium-Sized Ring-Bridged Oxabicycles by Ring-Closing Metathesis. European Journal of Organic Chemistry, 2001, 2001, 4423-4429.	2.4	21
70	Highly 1,2-trans Stereoselective Allylations of 1,2-O-Isopropylidene-Protected Glycofuranosides. Angewandte Chemie - International Edition, 2000, 39, 2727-2729.	13.8	29
71	Highly 2,3-trans Stereoselective Allylations of 2,3-O-Isopropylidene-Protected Pyrrolidines: Circumventing the N-Acyliminium Ion Chemistry?. Organic Letters, 2000, 2, 3513-3515.	4.6	4
72	Diastereoselective Formal Synthesis of the Antifungal Agent, (+)-Preussin. A New Entry to Chiral Pyrrolidines. Tetrahedron Letters, 1998, 39, 131-134.	1.4	28

#	ARTICLE	IF	CITATIONS
73	Tetralkylammonium Permanganate Epoxidation of an Unreactive Double Bond by an Intramolecular Oxygen-atom Transfer Process. <i>Chemistry Letters</i> , 1998, 27, 25-26.	1.3	3
74	Sodium borohydride-amberlyst-15 (H+): An effective reductor for hindered and unreactive ketones in aprotic solvent. <i>Tetrahedron Letters</i> , 1997, 38, 277-280.	1.4	26
75	Design and synthesis of a new tricyclic scaffold for molecular recognition. <i>Tetrahedron Letters</i> , 1997, 38, 7911-7912.	1.4	4
76	Stereoselective Radical C-C Bond Forming using Suarez' Protocol: A Non Reductive Process.. <i>Tetrahedron Letters</i> , 1997, 38, 8081-8084.	1.4	12
77	Supramolecular self-assembly based on directed hydrogen bonding. <i>Macromolecular Symposia</i> , 1994, 77, 209-217.	0.7	6
78	The biotransformation of two ent-15 <sup>12</sup> ,16 <sup>12</sup> -epoxy-kaurane derivatives by <i>Gibberella fujikuroi</i> . <i>Phytochemistry</i> , 1993, 34, 133-138.	2.9	12
79	The microbiological transformation of 14 <sup>12</sup> ,19-dihydroxy-ent-kaur-15-ene by <i>Gibberella fujikuroi</i> . <i>Phytochemistry</i> , 1993, 34, 1035-1040.	2.9	5
80	The chemical and microbiological synthesis of 14-hydroxy-gibberellins. <i>Tetrahedron</i> , 1992, 48, 8491-8504.	1.9	10
81	Conformational selectivity in molecular recognition: the influence of artificial receptors on the cis-trans isomerization of acylprolines. <i>Journal of the American Chemical Society</i> , 1991, 113, 5466-5467.	13.7	39
82	Molecular recognition in the solid state: controlled assembly of hydrogen-bonded molecular sheets. <i>Journal of the American Chemical Society</i> , 1991, 113, 9265-9269.	13.7	224
83	Chiral recognition of tartaric acid derivatives by a synthetic receptor. <i>Journal of the Chemical Society Chemical Communications</i> , 1991, , 1761.	2.0	34
84	Molecular recognition: a remarkably simple receptor for the selective complexation of dicarboxylic acids. <i>Journal of the American Chemical Society</i> , 1990, 112, 7393-7394.	13.7	193
85	The first partial synthesis of 14-hydroxy-gibberellin esters. A titanium (IV)-amide catalysed rearrangement of epoxides. <i>Tetrahedron Letters</i> , 1989, 30, 6899-6902.	1.4	12
86	Transannular participation of some C-19 esters in reactions at C-20 of gibberellin A13. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1981, , 2740.	0.9	2