Fernando GarcÃ-a-Tellado

List of Publications by Year
in descending order

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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	Chemo-differentiating ABBâ€² multicomponent reactions. Privileged building blocks. Chemical Society Reviews, 2007, 36, 484-491.	38.1	327
2	Molecular recognition in the solid state: controlled assembly of hydrogen-bonded molecular sheets. Journal of the American Chemical Society, 1991, 113, 9265-9269.	13.7	224
3	Molecular recognition: a remarkably simple receptor for the selective complexation of dicarboxylic acids. Journal of the American Chemical Society, 1990, 112, 7393-7394.	13.7	193
4	Propargyl Claisen rearrangement: allene synthesis and beyond. Chemical Society Reviews, 2013, 42, 458-471.	38.1	164
5	Asymmetric Alkynylation of Imines by Cooperative Hydrogen Bonding and Metal Catalysis. Angewandte Chemie - International Edition, 2010, 49, 1013-1016.	13.8	131
6	Multicomponent Domino Processes Based on the Organocatalytic Generation of Conjugated Acetylides: Efficient Synthetic Manifolds for Diversity-Oriented Molecular Construction. Chemistry - A European Journal, 2005, 11, 3502-3510.	3.3	120
7	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
8	Dual Reactivity Pattern of Allenolates â€œOn Waterâ€: The Chemical Basis for Efficient Allenolate-Driven Organocatalytic Systems. Chemistry - A European Journal, 2007, 13, 4823-4832.	3.3	65
9	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
10	Acetylides from Alkyl Propiolates as Building Blocks for C₃ Homologation. Angewandte Chemie - International Edition, 2009, 48, 2090-2098.	13.8	52
11	Organocatalysis â€œon waterâ€: Regioselective [3 + 2]-cycloaddition of nitrones and allenolates. Chemical Communications, 2006, , 2798-2800.	4.1	50
12	Lewis base-catalyzed three-component Strecker reaction on water. An efficient manifold for the direct Î±-cyanoamination of ketones and aldehydes. Chemical Communications, 2009, , 6839.	4.1	49
13	A Convenient Domino Access to Substituted Alkyl 1,2â€Dihydropyridineâ€3â€carboxylates from Propargyl Enol Ethers and Primary Amines. Chemistry - A European Journal, 2010, 16, 428-431.	3.3	49
14	General Synthesis of Substituted 1,2-Dihydropyridines. Journal of Organic Chemistry, 2014, 79, 10655-10661.	3.2	44
15	Alkynoates as a Source of Reactive Alkylinides for Aldehyde Addition Reactions. Organic Letters, 2001, 3, 1905-1908.	4.6	42
16	Waterâ€Compatible Hydrogenâ€Bond Activation: A Scalable and Organocatalytic Model for the Stereoselective Multicomponent Azaâ€Henry Reaction. Chemistry - A European Journal, 2013, 19, 16550-16554.	3.3	42
17	SYNTHESIS AND CHEMISTRY OF TETRONIC ACIDS. Organic Preparations and Procedures International, 2004, 36, 33-59.	1.3	41
18	Conformational selectivity in molecular recognition: the influence of artificial receptors on the cis-trans isomerization of acylprolines. Journal of the American Chemical Society, 1991, 113, 5466-5467.	13.7	39

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19	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
20	A Robust and General Protocol for the Lewisâ€Baseâ€Catalysed Reaction of Alcohols and Alkyl Propiolates. European Journal of Organic Chemistry, 2014, 2014, 198-205.	2.4	35
21	Chiral recognition of tartaric acid derivatives by a synthetic receptor. Journal of the Chemical Society Chemical Communications, 1991, , 1761.	2.0	34
22	A Substrate-Based Folding Process Incorporating Chemodifferentiating ABBâ€² Three-Component Reactions of Terminal Alkynoates and 1,2-Dicarbonyl Compounds: A Skeletal-Diversity-Oriented Synthetic Manifold. Chemistry - A European Journal, 2007, 13, 1201-1209.	3.3	32
23	A Modular, One-Pot, Four-Component Synthesis of Polysubstituted 1,3-Oxazolidines. Journal of Organic Chemistry, 2005, 70, 1042-1045.	3.2	31
24	Chemo-differentiating MCRs based on Î±-ketoesters and terminal alkynoates. A homoaldol-based ABBâ€² system. Chemical Communications, 2006, , 2667-2669.	4.1	31
25	Antiproliferative activity in HL60 cells by tetrasubstituted pyrroles: a structureâ€“activity relationship study. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 2487-2490.	2.2	30
26	Highly 1,2-trans Stereoselective Allylations of 1,2-O-Isopropylidene-Protected Glycofuranosides. Angewandte Chemie - International Edition, 2000, 39, 2727-2729.	13.8	29
27	From Conjugated Tertiary Skipped Diynes to Chainâ€Functionalized Tetrasubstituted Pyrroles. Chemistry - A European Journal, 2009, 15, 838-842.	3.3	29
28	Microwave-Assisted Domino Access to C₂-Chain Functionalized Furans from Tertiary Propargyl Vinyl Ethers. Organic Letters, 2011, 13, 4422-4425.	4.6	29
29	A Microwaveâ€Assisted Domino Rearrangement of Propargyl Vinyl Ethers to Multifunctionalized Aromatic Platforms. Chemistry - A European Journal, 2011, 17, 3318-3321.	3.3	29
30	Diastereoselective Formal Synthesis of the Antifungal Agent, (+)-Preussin. A New Entry to Chiral Pyrrolidines. Tetrahedron Letters, 1998, 39, 131-134.	1.4	28
31	Sodium borohydride-amberlyst-15 (H+): An effective reductor for hindered and unreactive ketones in aprotic solvent. Tetrahedron Letters, 1997, 38, 277-280.	1.4	26
32	Trialkylamine versus Trialkylphosphine: Catalytic Conjugate Addition of Alcohols to Alkyl Propiolates. Synlett, 2009, 2009, 1223-1226.	1.8	25
33	Propargyl Vinyl Ethers and Tertiary Skipped Diynes: Two Pluripotent Molecular Platforms for Diversity-Oriented Synthesis. Accounts of Chemical Research, 2016, 49, 703-713.	15.6	24
34	Metal-Free Access to Fully Substituted Skipped Diynes. An Efficient Chemodifferentiating A2BBâ€˜ 4CR Manifold. Journal of Organic Chemistry, 2007, 72, 5454-5456.	3.2	22
35	Enantioselective Synthesis of Medium-Sized Ring-Bridged Oxabicycles by Ring-Closing Metathesis. European Journal of Organic Chemistry, 2001, 2001, 4423-4429.	2.4	21
36	Ambiphilic allenes: synthesis and reactivity. Chemical Communications, 2009, , 2368.	4.1	21

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37	Microwaveâ€Assisted Diversityâ€Oriented Domino Synthesis of Functionalized Nicotinic Acid Derivatives. European Journal of Organic Chemistry, 2010, 2010, 6582-6587.	2.4	21
38	Synthesis of Fully Substituted Pyrimidines. Journal of Organic Chemistry, 2013, 78, 3457-3463.	3.2	21
39	An Effective One-Pot Synthesis of 5-Substituted Tetronic Acids. Journal of Organic Chemistry, 2003, 68, 3363-3365.	3.2	20
40	Mitotic Arrest Induced by a Novel Family of DNA Topoisomerase II Inhibitors. Journal of Medicinal Chemistry, 2010, 53, 3835-3839.	6.4	18
41	Solvent-Free Microwave-Assisted Efficient Synthesis of 4,4-Disubstituted 2-Oxazolines. European Journal of Organic Chemistry, 2003, 2003, 4387-4391.	2.4	16
42	Coupled Domino Processes: Synthesis of 3,5,8-Trisubstituted Coumarins from Propargyl Vinyl Ethers. Journal of Organic Chemistry, 2013, 78, 8853-8858.	3.2	15
43	A green multicomponent synthesis of tocopherol analogues with antiproliferative activities. European Journal of Medicinal Chemistry, 2018, 143, 1888-1902.	5.5	15
44	Recent Advances in the Synthesis of 2H-Pyrans. Molecules, 2019, 24, 2904.	3.8	15
45	Merging Domino and Redox Chemistry: Stereoselective Access to Diâ€•and Trisubstituted Î²,Î³â€Unsaturated Acids and Esters. Chemistry - A European Journal, 2012, 18, 3468-3472.	3.3	14
46	Microwaveâ€Assisted Organocatalyzed Rearrangement of Propargyl Vinyl Ethers to Salicylaldehyde Derivatives: An Experimental and Theoretical Study. Chemistry - A European Journal, 2015, 21, 18280-18289.	3.3	14
47	Synthesis and Utility of 2,2-Dimethyl-2H-pyrans: Dienes for Sequential Dielsâ€“Alder/Retro-Dielsâ€“Alder Reactions. Organic Letters, 2018, 20, 7987-7990.	4.6	14
48	The first partial synthesis of 14-hydroxy-gibberellin esters. A titanium (IV)-amide catalysed rearrangement of epoxides. Tetrahedron Letters, 1989, 30, 6899-6902.	1.4	12
49	The biotransformation of two ent-15Î²,16Î²-epoxy-kaurane derivatives by Gibberella fujikuroi. Phytochemistry, 1993, 34, 133-138.	2.9	12
50	Stereoselective Radical C-C Bond Forming using Suarez' Protocol: A Non Reductive Process.. Tetrahedron Letters, 1997, 38, 8081-8084.	1.4	12
51	Tertiary Skipped Diynes: A Pluripotent Building Block for the Modular and Diversityâ€Oriented Synthesis of Nitrogen Heterocycles. Chemistry - A European Journal, 2010, 16, 3276-3280.	3.3	12
52	The chemical and microbiological synthesis of 14-hydroxy-gibberellins. Tetrahedron, 1992, 48, 8491-8504.	1.9	10
53	Reactivity Control in the Addition of N,Nâ€²-Dialkylated 1,n-Diamines to Activated Skipped Diynes: Synthesis of Fused Bicyclic 1,4-Diazepanes and 1,5-Diazocanes. European Journal of Organic Chemistry, 2011, 2011, 6847-6850.	2.4	10
54	Diverted Domino Reactivity in Tertiary Skipped Diynes: A Convenient Access to Polyfunctionalized Cyclohexadienones and Multivalent Aromatic Scaffolds. Chemistry - A European Journal, 2011, 17, 9571-9575.	3.3	10

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55	Synthesis of Polysubstituted Benzoic Esters from 1,2-Dihydropyridines and Its Application to the Synthesis of Fluorenones. Organic Letters, 2016, 18, 2770-2773.	4.6	9
56	Short and Modular Synthesis of Substituted 2-Aminopyrroles. Organic Letters, 2021, 23, 4078-4082.	4.6	9
57	Acrylonitrile Derivatives against Trypanosoma cruzi: In Vitro Activity and Programmed Cell Death Study. Pharmaceuticals, 2021, 14, 552.	3.8	9
58	Integrative Pericyclic Cascade: An Atom Economic, Multi Câ^'C Bondâ€Forming Strategy for the Construction of Molecular Complexity. Chemistry - A European Journal, 2017, 23, 10048-10052.	3.3	8
59	A Focused Library of NOâ€Donor Compounds with Potent Antiproliferative Activity Based on Green Multicomponent Reactions. ChemMedChem, 2019, 14, 1669-1683.	3.2	8
60	Diversifying Complexity by Domino Benzannulation of Polycyclic Natural Products. Journal of Organic Chemistry, 2017, 82, 5328-5336.	3.2	7
61	Stereodiversified Modular Synthesis of Nonâ€planar Fiveâ€Membered Cyclic Nâ€Hydroxylamidines: Reactivity Study and Application to the Synthesis of Cyclic Amidines. Advanced Synthesis and Catalysis, 2018, 360, 4362-4371.	4.3	7
62	Supramolecular selfâ€assembly based on directed hydrogen bonding. Macromolecular Symposia, 1994, 77, 209-217.	0.7	6
63	Acid-Mediated Highly Regioselective Oxidation of Substituted Furans: A Simple and Direct Entry to Substituted Butenolides. Synlett, 2005, 2005, 1575-1578.	1.8	6
64	Catalytic Hydrocyanation of Activated Terminal Alkynes. Chemistry - A European Journal, 2019, 25, 15046-15049.	3.3	6
65	The microbiological transformation of 14Î²,19-dihydroxy-ent-kaur-15-ene by Gibberella fujikuroi. Phytochemistry, 1993, 34, 1035-1040.	2.9	5
66	A Domino Strategy for the Synthesis of 2Hâ€Pyrans from Propargyl Vinyl Ethers. European Journal of Organic Chemistry, 2019, 2019, 1784-1790.	2.4	5
67	Design and synthesis of a new tricyclic scaffold for molecular recognition. Tetrahedron Letters, 1997, 38, 7911-7912.	1.4	4
68	Highly 2,3-transStereoselective Allylations of 2,3-O-Isopropylidene-Protected Pyrrolidines:â€‰Circumventing theN-Acyliminium Ion Chemistry?. Organic Letters, 2000, 2, 3513-3515.	4.6	4
69	Synthesis and Anti-Breast Cancer Activity of Tetrasubstituted Pyrrole Derivatives. Letters in Drug Design and Discovery, 2005, 2, 529-532.	0.7	4
70	Fluoride-Triggered Domino Reactions Involving Ammonium Acetylides and Carbonyl Compounds. European Journal of Organic Chemistry, 2010, 2010, 33-37.	2.4	4
71	Hydrogen Bond Controlled Antiâ€Azaâ€Michael Addition: Diastereoselective Synthesis of Cyclobuteneâ€Containing Amino Acid Derivatives. European Journal of Organic Chemistry, 2015, 2015, 3462-3469.	2.4	4
72	Synthesis of Î±-Quaternized 2,4-Cyclohexadienones from Propargyl Vinyl Ethers. Journal of Organic Chemistry, 2016, 81, 10099-10105.	3.2	4

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73	A General and Scalable Synthesis of Polysubstituted Indoles. Molecules, 2020, 25, 5595.	3.8	4
74	In vitro activity and cell death mechanism induced by acrylonitrile derivatives against Leishmania amazonensis. Bioorganic Chemistry, 2022, 124, 105872.	4.1	4
75	Tetralkylammonium Permanganate Epoxidation of an Unreactive Double Bond by an Intramolecular Oxygen-atom Transfer Process. Chemistry Letters, 1998, 27, 25-26.	1.3	3
76	A Convenient Entry to 5-(sp2)-Substituted and 5,5-Disubstituted Tetronic Acids. Synlett, 2006, 2006, 1607-1609.	1.8	3
77	Cyanovinylation of Aldehydes: Organocatalytic Multicomponent Synthesis of Conjugated Cyanomethyl Vinyl Ethers. Molecules, 2021, 26, 4120.	3.8	3
78	The therapeutic potential of novel isobenzofuranones against Naegleria fowleri. International Journal for Parasitology: Drugs and Drug Resistance, 2021, 17, 139-149.	3.4	3
79	Transannular participation of some C-19 esters in reactions at C-20 of gibberellin A13. Journal of the Chemical Society Perkin Transactions 1, 1981, , 2740.	0.9	2
80	Short and modular synthesis of tetraarylsalicylaldehydes. Chemical Communications, 2020, 56, 4019-4022.	4.1	2
81	A Metal-Free, Three-Component Manifold for the C2-Functionalization of 1-Substituted Imidazoles Operating â€˜On Waterâ€™. Synlett, 2010, 2010, 2421-2424.	1.8	1
82	An Effective One-Pot Synthesis of 5-Substituted Tetronic Acids.. ChemInform, 2003, 34, no.	0.0	0
83	Solvent-Free Microwave-Assisted Efficient Synthesis of 4,4-Disubstituted 2-Oxazolines.. ChemInform, 2004, 35, no.	0.0	0
84	A Diversity-Oriented Strategy for the Construction of Tetrasubstituted Pyrroles via Coupled Domino Processes.. ChemInform, 2004, 35, no.	0.0	0
85	A Modular, One-Pot, Four-Component Synthesis of Polysubstituted 1,3-Oxazolidines.. ChemInform, 2005, 36, no.	0.0	0
86	Ab initio crystal structure determination of two chain functionalized pyrroles from synchrotron X-ray powder diffraction data. Powder Diffraction, 2012, 27, 172-178.	0.2	0