Eugenia MarquÃ©s-LÃ³pez

List of Publications by Year
in descending order

53 papers	2,510 citations	236833 25 h-index	197736 49 g-index
87 all docs	87 docs citations	87 times ranked	2574 citing authors

#	Article	IF	Citations
1	Asymmetric organocatalysis in total synthesis â€“ a trial by fire. Natural Product Reports, 2010, 27, 1138.	5.2	290
2	Catalytic Enantioselective Hydrophosphonylation of Aldehydes and Imines. Advanced Synthesis and Catalysis, 2008, 350, 1195-1208.	2.1	241
3	Catalytic Enantioselective Azaâ€Henry Reactions. European Journal of Organic Chemistry, 2009, 2009, 2401-2420.	1.2	186
4	Enantioselective Organocatalytic Diels-Alder Reactions. Synthesis, 2010, 2010, 1-26.	1.2	154
5	Crossed Intramolecular Rauhutâ˜Currier-Type Reactions via Dienamine Activation. Organic Letters, 2009, 11, 4116-4119.	2.4	144
6	Organocatalyzed Strecker reactions. Tetrahedron, 2009, 65, 1219-1234.	1.0	130
7	Enantioselective Î±- and Î³-Alkylation of Î±,Î²-Unsaturated Aldehydes Using Dienamine Activation. Organic Letters, 2011, 13, 70-73.	2.4	119
8	Organocatalytic Enantioselective Henry Reactions. Symmetry, 2011, 3, 220-245.	1.1	116
9	Isatin as a Strategic Motif for Asymmetric Catalysis. ChemCatChem, 2013, 5, 2131-2148.	1.8	92
10	The Role of the Indole in Important Organocatalytic Enantioselective Friedel-Crafts Alkylation Reactions. Current Organic Chemistry, 2009, 13, 1585-1609.	0.9	65
11	Enhanced Efficiency of Thiourea Catalysts by External BrÃ¸nsted Acids in the Friedelâ€“Crafts Alkylation of Indoles. European Journal of Organic Chemistry, 2011, 2011, 3700-3705.	1.2	65
12	Metalâ€“organic frameworks (MOFs) bring new life to hydrogen-bonding organocatalysts in confined spaces. CrystEngComm, 2016, 18, 3985-3995.	1.3	54
13	Exploiting Molecular Selfâ€Assembly: From Ureaâ€Based Organocatalysts to Multifunctional Supramolecular Gels. Chemistry - A European Journal, 2014, 20, 10720-10731.	1.7	50
14	Organocatalytic enantioselective hydrophosphonylation of aldehydes. Organic and Biomolecular Chemistry, 2014, 12, 1258-1264.	1.5	47
15	Asymmetric Synthesis of trans-3-Amino-4-alkylazetidin-2-ones from Chiral N,N-Dialkylhydrazones. Organic Letters, 2004, 6, 2749-2752.	2.4	45
16	Thiourea catalyzed organocatalytic enantioselective Michael addition of diphenyl phosphite to nitroalkenes. Organic and Biomolecular Chemistry, 2011, 9, 2777.	1.5	43
17	Trifunctional Squaramide Catalyst for Efficient Enantioselective Henry Reaction Activation. Advanced Synthesis and Catalysis, 2016, 358, 1801-1809.	2.1	41
18	Silylâ€Modified Analogues of 2â€Tritylpyrrolidine: Synthesis and Applications in Asymmetric Organocatalysis. Chemistry - A European Journal, 2010, 16, 12553-12558.	1.7	37

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19	Organocatalytic Enantioselective Synthesis of 1,4â€Dihydropyridines. Advanced Synthesis and Catalysis, 2017, 359, 2161-2175.	2.1	33
20	Self-assembled fibrillar networks of a multifaceted chiral squaramide: supramolecular multistimuli-responsive alcogels. Soft Matter, 2016, 12, 4361-4374.	1.2	32
21	Enantioselective Organocatalyzed Synthesis of 2-Amino-3-cyano-4H-chromene Derivatives. Symmetry, 2015, 7, 1519-1535.	1.1	30
22	A Friedelâ€“Crafts alkylation mechanism using an aminoindanol-derived thiourea catalyst. Organic and Biomolecular Chemistry, 2014, 12, 4503-4510.	1.5	28
23	Ultrasound-assisted multicomponent synthesis of 4H-pyrans in water and DNA binding studies. Scientific Reports, 2020, 10, 11594.	1.6	28
24	New Organocatalytic Asymmetric Synthesis of Highly Substituted Chiral 2-Oxospiro-[indole-3,4â€²-(1â€²,4â€²-dihydropyridine)] Derivatives. Molecules, 2015, 20, 15807-15826.	1.7	27
25	Asymmetric Organocatalytic Synthesis of Substituted Chiral 1,4-Dihydropyridine Derivatives. Journal of Organic Chemistry, 2017, 82, 5516-5523.	1.7	27
26	â€œPushâ€“Pull Ï€+/Ï€â€“â€•(PPÏ€Ï€) Systems in Catalysis. ACS Catalysis, 2017, 7, 6430-6439.	5.5	24
27	Î²â€Lactones through Catalytic Asymmetric Heterodimerization of Ketenes. Angewandte Chemie - International Edition, 2012, 51, 8696-8698.	7.2	23
28	The aminoindanol core as a key scaffold in bifunctional organocatalysts. Beilstein Journal of Organic Chemistry, 2016, 12, 505-523.	1.3	22
29	Synthesis of interesting Î²-nitrohydrazides through a thiourea organocatalysed aza-Michael addition. RSC Advances, 2014, 4, 9856-9865.	1.7	21
30	Diarylprolinol Derivatives in Organocatalysis From Another Point of View: Structural Aspects. Current Organic Chemistry, 2011, 15, 2311-2327.	0.9	20
31	One-pot synthesis of unsymmetrical squaramides. RSC Advances, 2015, 5, 33450-33462.	1.7	20
32	Stereoselective, Temperatureâ€Dependent [2+2] Cycloaddition of N,Nâ€Dialkylhydrazones to Nâ€Benzylâ€Nâ€(benzyloxycarbonyl)aminoketene. European Journal of Organic Chemistry, 2008, 2008, 2960-02972.	1.2	18
33	Uncatalyzed Streckerâ€Type Reaction of N,Nâ€Dialkylhydrazones in Pure Water. European Journal of Organic Chemistry, 2008, 2008, 3457-3460.	1.2	18
34	Optimizing the Accuracy and Computational Cost in Theoretical Squaramide Catalysis: The Henry Reaction. Chemistry - A European Journal, 2017, 23, 15336-15347.	1.7	18
35	Thioureaâ€Catalyzed Addition of Indoles to Aliphatic Î²,Î³â€Unsaturated Î±â€Ketoesters. Asian Journal of Organic Chemistry, 2015, 4, 884-889.	1.3	17
36	Enantioselective Rauhut-Currier-Type Cyclizations via Dienamine Activation: Scope and Mechanism. Synthesis, 2013, 45, 1016-1028.	1.2	15

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37	Squaramides with cytotoxic activity against human gastric carcinoma cells HGC-27: synthesis and mechanism of action. MedChemComm, 2016, 7, 550-561.	3.5	14
38	First Organocatalytic Asymmetric Synthesis of 1-Benzamido-1,4-Dihydropyridine Derivatives. Molecules, 2018, 23, 2692.	1.7	13
39	Asymmetric organocatalytic Strecker-type reactions of aliphatic N,N-dialkylhydrazones. Organic and Biomolecular Chemistry, 2013, 11, 8247.	1.5	12
40	Fluoride Anion Recognition by a Multifunctional Urea Derivative: An Experimental and Theoretical Study. Sensors, 2016, 16, 658.	2.1	12
41	Experimental and theoretical studies on the asymmetric cyanosilylation of C2-symmetric hydrazones. Tetrahedron: Asymmetry, 2008, 19, 998-1004.	1.8	11
42	Horizons in Asymmetric Organocatalysis: En Route to the Sustainability and New Applications. Catalysts, 2022, 12, 101.	1.6	10
43	Organocatalyzed Enantioselective Aldol and Henry Reactions Starting from Benzylic Alcohols. Advanced Synthesis and Catalysis, 2018, 360, 124-129.	2.1	9
44	Asymmetric Organocatalyzed Azaâ€Henry Reaction of Hydrazones: Experimental and Computational Studies. Chemistry - A European Journal, 2020, 26, 5469-5478.	1.7	7
45	Guanidine Motif in Biologically Active Peptides. Australian Journal of Chemistry, 2014, 67, 965.	0.5	6
46	Urea Activation by an External BrÃ¸nsted Acid: Breaking Self-Association and Tuning Catalytic Performance. Catalysts, 2018, 8, 305.	1.6	6
47	Synthesis and supramolecular self-assembly of glutamic acid-based squaramides. Beilstein Journal of Organic Chemistry, 2018, 14, 2065-2073.	1.3	6
48	First aromatic amine organocatalysed activation of Î±,Î²-unsaturated ketones. New Journal of Chemistry, 2019, 43, 12233-12240.	1.4	6
49	Functionalization of Ï€-activated alcohols by trapping carbocations in pure water under smooth conditions. Arabian Journal of Chemistry, 2020, 13, 1866-1873.	2.3	6
50	Novel ureido-dihydropyridine scaffolds as theranostic agents. Bioorganic Chemistry, 2020, 105, 104364.	2.0	5
51	Studies on the Synthesis of 2-Alkyl-5-aryl-1,3,4-oxadiazolines from N-Acylhydrazones. Synlett, 2012, 23, 885-888.	1.0	2
52	Asymmetric Synthesis of trans-3-Amino-4-alkylazetidin-2-ones from Chiral N,N-Dialkylhydrazones.. ChemInform, 2004, 35, no.	0.1	0
53	Frontispiece: Optimizing the Accuracy and Computational Cost in Theoretical Squaramide Catalysis: The Henry Reaction. Chemistry - A European Journal, 2017, 23, .	1.7	0