Alberto Martinez Cuezva

List of Publications by Year
in descending order

53 papers	2,363 citations	201674 27 h-index	206112 48 g-index
57 all docs	57 docs citations	57 times ranked	2083 citing authors

#	Article	IF	Citations
1	Modulating the catalytic activity by the mechanical bond: organocatalysis with polyamide [2]rotaxanes bearing a secondary amino function at the thread. Organic Chemistry Frontiers, 2022, 9, 2690-2696.	4.5	2
2	Mechanically interlocked molecules in metalâ€“organic frameworks. Chemical Society Reviews, 2022, 51, 4949-4976.	38.1	27
3	Cyclization of interlocked fumaramides into Î²-lactams: experimental and computational mechanistic assessment of the key intercomponent proton transfer and the stereocontrolling active pocket. Chemical Science, 2021, 12, 747-756.	7.4	15
4	Mechanical bonding activation in rotaxane-based organocatalysts. Organic Chemistry Frontiers, 2021, 8, 4202-4210.	4.5	11
5	Effective Encapsulation of C₆₀ by Metalâ€“Organic Frameworks with Polyamide Macrocyclic Linkers. Angewandte Chemie, 2021, 133, 10909-10914.	2.0	6
6	Effective Encapsulation of C₆₀ by Metalâ€“Organic Frameworks with Polyamide Macrocyclic Linkers. Angewandte Chemie - International Edition, 2021, 60, 10814-10819.	13.8	16
7	Mitigating capacity fading in aqueous organic redox flow batteries through a simple electrochemical charge balancing protocol. Journal of Power Sources, 2021, 512, 230516.	7.8	17
8	Coupling the Individual Motions of the Machine-like Components of Zirconium(IV) Organic Frameworks. CheM, 2021, 7, 14-16.	11.7	2
9	Maximizing the [c2]daisy chain to lasso ratio through competitive self-templating clipping reactions. Chemical Communications, 2021, 58, 290-293.	4.1	10
10	Revisiting the cycling stability of ferrocyanide in alkaline media for redox flow batteries. Journal of Power Sources, 2020, 471, 228453.	7.8	38
11	Mechanically Interlocked Catalysts for Asymmetric Synthesis. ACS Catalysis, 2020, 10, 7719-7733.	11.2	66
12	Enhancing the selectivity of prolinamide organocatalysts using the mechanical bond in [2]rotaxanes. Chemical Science, 2020, 11, 3629-3635.	7.4	27
13	Copper-Linked Rotaxanes for the Building of Photoresponsive Metal Organic Frameworks with Controlled Cargo Delivery. Journal of the American Chemical Society, 2020, 142, 13442-13449.	13.7	36
14	Mediated Alkaline Flow Batteries: From Fundamentals to Application. ACS Applied Energy Materials, 2019, 2, 8328-8336.	5.1	30
15	Interlocking the Catalyst: Thread versus Rotaxane-Mediated Enantiodivergent Michael Addition of Ketones to Î²-Nitrostyrene. Organic Letters, 2019, 21, 5192-5196.	4.6	38
16	Homo and heteroassembly of amide-based [2]rotaxanes using Î±,Î±â€²-dimethyl-p-xylylenediamines. Chemical Communications, 2019, 55, 6787-6790.	4.1	7
17	Thermally and Photochemically Induced Dethreading of Fumaramideâ€Based Kinetically Stable Pseudo[2]rotaxanes. European Journal of Organic Chemistry, 2019, 2019, 3480-3488.	2.4	26
18	Synthesis of an Adamantane-Based Tetralactam and Its Association with Dicarboxamides. Proceedings (mdpi), 2019, 41, 65.	0.2	2

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19	Stereocontrol in the Synthesis of Î²-Lactams Arising from the Interlocked Structure of Benzylfumaramide-Based Hydrogen-Bonded [2]Rotaxanes. Synlett, 2019, 30, 893-902.	1.8	18
20	Enantioselective Formation of 2â€Azetidinones by Ringâ€Assisted Cyclization of Interlocked Nâ€(Î±â€Methyl)benzyl Fumaramides. Angewandte Chemie - International Edition, 2018, 57, 6563-6567.	13.8	37
21	Enantioselective Formation of 2â€Azetidinones by Ringâ€Assisted Cyclization of Interlocked Nâ€(Î±â€Methyl)benzyl Fumaramides. Angewandte Chemie, 2018, 130, 6673-6677.	2.0	19
22	Titelbild: Photoinduced Pedaloâ€Type Motion in an Azodicarboxamideâ€Based Molecular Switch (Angew.) Tj ETQq0 0 0 rgBT /Overlock 1	2.0	0
23	Photoinduced Pedaloâ€Type Motion in an Azodicarboxamideâ€Based Molecular Switch. Angewandte Chemie, 2018, 130, 1810-1814.	2.0	7
24	Photoinduced Pedaloâ€Type Motion in an Azodicarboxamideâ€Based Molecular Switch. Angewandte Chemie - International Edition, 2018, 57, 1792-1796.	13.8	21
25	Light-driven exchange between extended and contracted lasso-like isomers of a bistable [1]rotaxane. Organic and Biomolecular Chemistry, 2018, 16, 6980-6987.	2.8	26
26	Photoswitchable interlocked thiodiglycolamide as a cocatalyst of a chalcogeno-Baylisâ€“Hillman reaction. Chemical Science, 2017, 8, 3775-3780.	7.4	68
27	Synthesis of Functionalized 1H-Indenes and Benzofulvenes through Iodocyclization of o-(Alkynyl)styrenes. Journal of Organic Chemistry, 2017, 82, 1155-1165.	3.2	24
28	Remote Photoregulated Ring Gliding in a [2]Rotaxane via a Molecular Effector. Organic Letters, 2017, 19, 154-157.	4.6	26
29	Effects on Rotational Dynamics of Azo and Hydrazodicarboxamide-Based Rotaxanes. Molecules, 2017, 22, 1078.	3.8	9
30	Stereocontrolled Synthesis of Î²-Lactams within [2]Rotaxanes: Showcasing the Chemical Consequences of the Mechanical Bond. Journal of the American Chemical Society, 2016, 138, 8726-8729.	13.7	71
31	Coâ€conformational Exchange Triggered by Molecular Recognition in a Di(acylamino)pyridineâ€Based Molecular Shuttle Containing Two Pyridine Rings at the Macrocycle. ChemPhysChem, 2016, 17, 1920-1926.	2.1	17
32	Light-responsive peptide [2]rotaxanes as gatekeepers of mechanised nanocontainers. Chemical Communications, 2015, 51, 14501-14504.	4.1	34
33	Gold(I)â€Catalyzed Cycloisomerizations and Alkoxycyclizations of orthoâ€(Alkynyl)styrenes. Chemistry - A European Journal, 2015, 21, 3042-3052.	3.3	37
34	Dethreading of Tetraalkylsuccinamide-Based [2]Rotaxanes for Preparing Benzylic Amide Macrocycles. Journal of Organic Chemistry, 2015, 80, 10049-10059.	3.2	39
35	Versatile control of the submolecular motion of di(acylamino)pyridine-based [2]rotaxanes. Chemical Science, 2015, 6, 3087-3094.	7.4	34
36	Asymmetric Catalysis on the Nanoscale: The Organocatalytic Approach to Helicenes. Angewandte Chemie - International Edition, 2014, 53, 5202-5205.	13.8	71

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37	Smallâ€Molecule Recognition for Controlling Molecular Motion in Hydrogenâ€Bondâ€Assembled Rotaxanes. Angewandte Chemie - International Edition, 2014, 53, 6762-6767.	13.8	39
38	Versatile Access to Chiral Indolines by Catalytic Asymmetric Fischer Indolization. Angewandte Chemie - International Edition, 2013, 52, 9486-9490.	13.8	78
39	Gold(I)-catalyzed 6-endo hydroxycyclization of 7-substituted-1,6-enynes. Beilstein Journal of Organic Chemistry, 2013, 9, 2242-2249.	2.2	16
40	Gold(I)-Catalyzed Tandem Cyclizationâ€“Selective Migration Reaction of 1,3-Dien-5-ynes: Regioselective Synthesis of Highly Substituted Benzenes. Organic Letters, 2011, 13, 4970-4973.	4.6	53
41	BrÃ¸nsted Acid Catalyzed Alkylation of Indoles with Tertiary Propargylic Alcohols: Scope and Limitations. European Journal of Organic Chemistry, 2010, 2010, 7027-7039.	2.4	59
42	Gold(I)â€Catalyzed Enantioselective Synthesis of Functionalized Indenes. Angewandte Chemie - International Edition, 2010, 49, 4633-4637.	13.8	150
43	Halocyclization of o-(alkynyl)styrenes. Synthesis of 3-halo-1H-indenes. Chemical Communications, 2010, 46, 7427.	4.1	39
44	Synthesis of 3-Allenylindoles and 3-Dienylindoles by BrÃ¸nsted Acid Catalyzed Allenylation of 2-Arylindoles with Tertiary Propargylic Alcohols. Synlett, 2009, 2009, 1985-1989.	1.8	31
45	Pd-Catalyzed N-Arylation of Secondary Acyclic Amides: Catalyst Development, Scope, and Computational Study. Journal of the American Chemical Society, 2009, 131, 16720-16734.	13.7	213
46	Selective O-Deallylation of o-Allyloxyanisoles. Synlett, 2008, 2008, 1957-1960.	1.8	3
47	Synthesis of 1,5-Enynes by BrÃ¸nsted Acid Catalyzed Substitution of Propargylic Alcohols and One-Pot Synthesis of Bicyclo[3.1.0]hexenes. Synthesis, 2007, 2007, 3252-3256.	2.3	25
48	BrÃ¸nsted Acid-Catalyzed Benzylation of 1,3-Dicarbonyl Derivatives. Organic Letters, 2007, 9, 2027-2030.	4.6	105
49	BrÃ¸nsted Acid Catalyzed Propargylation of 1,3-Dicarbonyl Derivatives. Synthesis of Tetrasubstituted Furans. Organic Letters, 2007, 9, 727-730.	4.6	175
50	The Ritter Reaction under Truly Catalytic BrÃ¸nsted Acid Conditions. European Journal of Organic Chemistry, 2007, 2007, 4642-4645.	2.4	74
51	New Synthesis of 2-Aryl-3-Substituted Benzo[b]furans from Benzyl 2-Halophenyl Ethers. Journal of Organic Chemistry, 2006, 71, 4024-4027.	3.2	29
52	Metal-Free Catalytic Nucleophilic Substitution of Propargylic Alcohols. European Journal of Organic Chemistry, 2006, 2006, 1383-1386.	2.4	120
53	BrÃ¸nsted Acid-Catalyzed Nucleophilic Substitution of Alcohols. Advanced Synthesis and Catalysis, 2006, 348, 1841-1845.	4.3	205