

Alberto Martinez Cuezva

List of Publications by Year in descending order

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2,363
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201674

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2083
citing authors

#	ARTICLE	IF	CITATIONS
1	Pd-Catalyzed N-Arylation of Secondary Acyclic Amides: Catalyst Development, Scope, and Computational Study. <i>Journal of the American Chemical Society</i> , 2009, 131, 16720-16734.	13.7	213
2	Brønsted Acid-Catalyzed Nucleophilic Substitution of Alcohols. <i>Advanced Synthesis and Catalysis</i> , 2006, 348, 1841-1845.	4.3	205
3	Brønsted Acid Catalyzed Propargylation of 1,3-Dicarbonyl Derivatives. Synthesis of Tetrasubstituted Furans. <i>Organic Letters</i> , 2007, 9, 727-730.	4.6	175
4	Gold(I)-Catalyzed Enantioselective Synthesis of Functionalized Indenes. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 4633-4637.	13.8	150
5	Metal-Free Catalytic Nucleophilic Substitution of Propargylic Alcohols. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 1383-1386.	2.4	120
6	Brønsted Acid-Catalyzed Benzoylation of 1,3-Dicarbonyl Derivatives. <i>Organic Letters</i> , 2007, 9, 2027-2030.	4.6	105
7	Versatile Access to Chiral Indolines by Catalytic Asymmetric Fischer Indolization. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 9486-9490.	13.8	78
8	The Ritter Reaction under Truly Catalytic Brønsted Acid Conditions. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 4642-4645.	2.4	74
9	Asymmetric Catalysis on the Nanoscale: The Organocatalytic Approach to Helicenes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 5202-5205.	13.8	71
10	Stereocontrolled Synthesis of β^2 -Lactams within [2]Rotaxanes: Showcasing the Chemical Consequences of the Mechanical Bond. <i>Journal of the American Chemical Society</i> , 2016, 138, 8726-8729.	13.7	71
11	Photoswitchable interlocked thiodiglycolamide as a cocatalyst of a chalcogeno-Baylis-Hillman reaction. <i>Chemical Science</i> , 2017, 8, 3775-3780.	7.4	68
12	Mechanically Interlocked Catalysts for Asymmetric Synthesis. <i>ACS Catalysis</i> , 2020, 10, 7719-7733.	11.2	66
13	Brønsted Acid Catalyzed Alkylation of Indoles with Tertiary Propargylic Alcohols: Scope and Limitations. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 7027-7039.	2.4	59
14	Gold(I)-Catalyzed Tandem Cyclization-Selective Migration Reaction of 1,3-Dien-5-ynes: Regioselective Synthesis of Highly Substituted Benzenes. <i>Organic Letters</i> , 2011, 13, 4970-4973.	4.6	53
15	Halocyclization of o-(alkynyl)styrenes. Synthesis of 3-halo-1H-indenes. <i>Chemical Communications</i> , 2010, 46, 7427.	4.1	39
16	Small-Molecule Recognition for Controlling Molecular Motion in Hydrogen-Bond-Assembled Rotaxanes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 6762-6767.	13.8	39
17	Dethreading of Tetraalkylsuccinamide-Based [2]Rotaxanes for Preparing Benzylic Amide Macrocycles. <i>Journal of Organic Chemistry</i> , 2015, 80, 10049-10059.	3.2	39
18	Interlocking the Catalyst: Thread versus Rotaxane-Mediated Enantiodivergent Michael Addition of Ketones to β^2 -Nitrostyrene. <i>Organic Letters</i> , 2019, 21, 5192-5196.	4.6	38

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19	Revisiting the cycling stability of ferrocyanide in alkaline media for redox flow batteries. <i>Journal of Power Sources</i> , 2020, 471, 228453.	7.8	38
20	Gold(I)-Catalyzed Cycloisomerizations and Alkoxy cyclizations of <i>ortho</i> -(Alkynyl)styrenes. <i>Chemistry - A European Journal</i> , 2015, 21, 3042-3052.	3.3	37
21	Enantioselective Formation of 2-Azetidinones by Ring-Assisted Cyclization of Interlocked <i>N</i> -(\pm -Methyl)benzyl Fumaramides. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 6563-6567.	13.8	37
22	Copper-Linked Rotaxanes for the Building of Photoresponsive Metal Organic Frameworks with Controlled Cargo Delivery. <i>Journal of the American Chemical Society</i> , 2020, 142, 13442-13449.	13.7	36
23	Light-responsive peptide [2]rotaxanes as gatekeepers of mechanised nanocontainers. <i>Chemical Communications</i> , 2015, 51, 14501-14504.	4.1	34
24	Versatile control of the submolecular motion of di(acylamino)pyridine-based [2]rotaxanes. <i>Chemical Science</i> , 2015, 6, 3087-3094.	7.4	34
25	Synthesis of 3-Alkenylindoles and 3-Dienylindoles by Brønsted Acid Catalyzed Alkenylation of 2-Arylindoles with Tertiary Propargylic Alcohols. <i>Synlett</i> , 2009, 2009, 1985-1989.	1.8	31
26	Mediated Alkaline Flow Batteries: From Fundamentals to Application. <i>ACS Applied Energy Materials</i> , 2019, 2, 8328-8336.	5.1	30
27	New Synthesis of 2-Aryl-3-Substituted Benzo[b]furans from Benzyl 2-Halophenyl Ethers. <i>Journal of Organic Chemistry</i> , 2006, 71, 4024-4027.	3.2	29
28	Enhancing the selectivity of prolinamide organocatalysts using the mechanical bond in [2]rotaxanes. <i>Chemical Science</i> , 2020, 11, 3629-3635.	7.4	27
29	Mechanically interlocked molecules in metal-organic frameworks. <i>Chemical Society Reviews</i> , 2022, 51, 4949-4976.	38.1	27
30	Remote Photoregulated Ring Gliding in a [2]Rotaxane via a Molecular Effector. <i>Organic Letters</i> , 2017, 19, 154-157.	4.6	26
31	Light-driven exchange between extended and contracted lasso-like isomers of a bistable [1]rotaxane. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 6980-6987.	2.8	26
32	Thermally and Photochemically Induced Dethreading of Fumaramide-Based Kinetically Stable Pseudo[2]rotaxanes. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 3480-3488.	2.4	26
33	Synthesis of 1,5-Enynes by Brønsted Acid Catalyzed Substitution of Propargylic Alcohols and One-Pot Synthesis of Bicyclo[3.1.0]hexenes. <i>Synthesis</i> , 2007, 2007, 3252-3256.	2.3	25
34	Synthesis of Functionalized 1-H-Indenes and Benzofulvenes through Iodocyclization of <i>ortho</i> -(Alkynyl)styrenes. <i>Journal of Organic Chemistry</i> , 2017, 82, 1155-1165.	3.2	24
35	Photoinduced Pedal-Type Motion in an Azodicarboxamide-Based Molecular Switch. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 1792-1796.	13.8	21
36	Enantioselective Formation of 2-Azetidinones by Ring-Assisted Cyclization of Interlocked <i>N</i> -(\pm -Methyl)benzyl Fumaramides. <i>Angewandte Chemie</i> , 2018, 130, 6673-6677.	2.0	19

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37	Stereocontrol in the Synthesis of $\hat{1}^2$ -Lactams Arising from the Interlocked Structure of Benzylfumaramide-Based Hydrogen-Bonded [2]Rotaxanes. <i>Synlett</i> , 2019, 30, 893-902.	1.8	18
38	Co $\hat{1}$ -conformational Exchange Triggered by Molecular Recognition in a Di(acylamino)pyridine $\hat{1}$ -Based Molecular Shuttle Containing Two Pyridine Rings at the Macrocyclic. <i>ChemPhysChem</i> , 2016, 17, 1920-1926.	2.1	17
39	Mitigating capacity fading in aqueous organic redox flow batteries through a simple electrochemical charge balancing protocol. <i>Journal of Power Sources</i> , 2021, 512, 230516.	7.8	17
40	Gold(I)-catalyzed 6-endo hydroxycyclization of 7-substituted-1,6-enynes. <i>Beilstein Journal of Organic Chemistry</i> , 2013, 9, 2242-2249.	2.2	16
41	Effective Encapsulation of C_{60} by Metal-Organic Frameworks with Polyamide Macrocyclic Linkers. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 10814-10819.	13.8	16
42	Cyclization of interlocked fumaramides into $\hat{1}^2$ -lactams: experimental and computational mechanistic assessment of the key intercomponent proton transfer and the stereocontrolling active pocket. <i>Chemical Science</i> , 2021, 12, 747-756.	7.4	15
43	Mechanical bonding activation in rotaxane-based organocatalysts. <i>Organic Chemistry Frontiers</i> , 2021, 8, 4202-4210.	4.5	11
44	Maximizing the [2]daisy chain to lasso ratio through competitive self-templating clipping reactions. <i>Chemical Communications</i> , 2021, 58, 290-293.	4.1	10
45	Effects on Rotational Dynamics of Azo and Hydrazodicarboxamide-Based Rotaxanes. <i>Molecules</i> , 2017, 22, 1078.	3.8	9
46	Photoinduced Pedalo-Type Motion in an Azodicarboxamide-Based Molecular Switch. <i>Angewandte Chemie</i> , 2018, 130, 1810-1814.	2.0	7
47	Homo and heteroassembly of amide-based [2]rotaxanes using $\hat{1}, \hat{1}^{\pm}$ -dimethyl-p-xylylenediamines. <i>Chemical Communications</i> , 2019, 55, 6787-6790.	4.1	7
48	Effective Encapsulation of C_{60} by Metal-Organic Frameworks with Polyamide Macrocyclic Linkers. <i>Angewandte Chemie</i> , 2021, 133, 10909-10914.	2.0	6
49	Selective O-Deallylation of o-Allyloxyanisoles. <i>Synlett</i> , 2008, 2008, 1957-1960.	1.8	3
50	Synthesis of an Adamantane-Based Tetralactam and Its Association with Dicarboxamides. <i>Proceedings (mdpi)</i> , 2019, 41, 65.	0.2	2
51	Coupling the Individual Motions of the Machine-like Components of Zirconium(IV) Organic Frameworks. <i>CheM</i> , 2021, 7, 14-16.	11.7	2
52	Modulating the catalytic activity by the mechanical bond: organocatalysis with polyamide [2]rotaxanes bearing a secondary amino function at the thread. <i>Organic Chemistry Frontiers</i> , 2022, 9, 2690-2696.	4.5	2
53	Titelbild: Photoinduced Pedalo-Type Motion in an Azodicarboxamide-Based Molecular Switch (Angew.)	1.1	0