

Marcos Hernández-Rodríguez

List of Publications by Year in descending order

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28
papers

430
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758635

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all docs

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docs citations

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times ranked

622
citing authors

#	ARTICLE	IF	CITATIONS
1	Water clusters as bifunctional catalysts in organic chemistry: the hydrolysis of oxirane and its methyl derivatives. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 6776-6780.	1.5	9
2	Bifunctional squaramides with benzyl-like fragments: analysis of CH \cdots N interactions by a multivariate linear regression model and quantum chemical topology. <i>Organic Chemistry Frontiers</i> , 2021, 8, 3217-3227.	2.3	5
3	Stereocontrolled Synthesis of Enantiopure <i>cis</i> -Fused Octahydroisoindolones via Chiral Oxazoloisoindolone Lactams. <i>Journal of Organic Chemistry</i> , 2021, 86, 16361-16368.	1.7	2
4	Stability of doubly and triply H-bonded complexes governed by acidity–basicity relationships. <i>Chemical Communications</i> , 2019, 55, 1556-1559.	2.2	13
5	The effect of chiral <i>N</i> -substituents with methyl or trifluoromethyl groups on the catalytic performance of mono- and bifunctional thioureas. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 10045-10051.	1.5	8
6	Acidity and basicity interplay in amide and imide self-association. <i>Chemical Science</i> , 2018, 9, 4402-4413.	3.7	28
7	Identification of (1 <i>S</i> ,4 <i>S</i>)-2,5-diazabicyclo[2.2.1]heptane-dithiocarbamate-nitrostyrene hybrid as potent antiproliferative and apoptotic inducing agent against cervical cancer cell lines. <i>European Journal of Medicinal Chemistry</i> , 2018, 146, 621-635.	2.6	14
8	Prolinamides of Aminouracils, Organocatalyst Modifiable by Complementary Modules. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 5763-5772.	1.2	4
9	Thousand-fold Conductivity Increase in 2D Perovskites by Polydiacetylene Incorporation and Doping. <i>Angewandte Chemie</i> , 2018, 130, 14078-14082.	1.6	17
10	Thousand-fold Conductivity Increase in 2D Perovskites by Polydiacetylene Incorporation and Doping. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 13882-13886.	7.2	65
11	Simple method to estimate relative hydrogen bond basicities of amides and imides in chloroform. <i>Journal of Molecular Structure</i> , 2018, 1173, 608-611.	1.8	4
12	The bifunctional catalytic role of water clusters in the formation of acid rain. <i>Chemical Communications</i> , 2017, 53, 3516-3519.	2.2	24
13	Stereodivergent Mannich reaction of bis(trimethylsilyl)ketene acetals with <i>N</i> -tert-butanefulfinyl imines by Lewis acid or Lewis base activation, a one-pot protocol to obtain chiral β -amino acids. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 7705-7709.	1.5	8
14	Design and application of a bifunctional organocatalyst guided by electron density topological analyses. <i>Catalysis Science and Technology</i> , 2017, 7, 4470-4477.	2.1	10
15	Hydrogen-Bond Weakening through π Systems: Resonance-Impaired Hydrogen Bonds (RIHB). <i>Chemistry - A European Journal</i> , 2017, 23, 16605-16611.	1.7	20
16	Stereocontrolled Nucleophilic Addition to Five-Membered Oxocarbenium Ions Directed by the Protecting Groups. Application to the Total Synthesis of (+)-Varitriol and of Two Diastereoisomers Thereof. <i>Journal of Organic Chemistry</i> , 2017, 82, 8464-8475.	1.7	10
17	Bifunctional Thioureas with β -Trifluoromethyl or Methyl Groups: Comparison of Catalytic Performance in Michael Additions. <i>Journal of Organic Chemistry</i> , 2016, 81, 7419-7431.	1.7	25
18	Preferred Binding of Carboxylates by Chiral Urea Derivatives Containing β -Phenylethyl Group. <i>Helvetica Chimica Acta</i> , 2016, 99, 416-424.	1.0	2

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19	Sensitivity of the Mitochondrial Unspecific Channel of <i>Saccharomyces cerevisiae</i> to Butane-1,4-Bisphosphate, a Competitive Inhibitor of Fructose-1,6-Bisphosphate-Aldolase.. <i>ChemistrySelect</i> , 2016, 1, 2930-2934.	0.7	2
20	Application of acyclic chiral auxiliaries on alkylation reactions. <i>Tetrahedron Letters</i> , 2014, 55, 193-196.	0.7	7
21	Synthesis of Ranolazine Derivatives Containing the (1 <i>S</i> ,4 <i>S</i>)-2,5-Diazabicyclo[2.2.1]Heptane Moiety and Their Evaluation as Vasodilating Agents. <i>Chemical Biology and Drug Design</i> , 2014, 83, 710-720.	1.5	5
22	Recognition of chiral carboxylates by 1,3-disubstituted thioureas with 1-arylethyl scaffolds. <i>New Journal of Chemistry</i> , 2013, 37, 2610.	1.4	22
23	Mapping the Landscape of Potentially Primordial Informational Oligomers: (3- ² ²)-Phosphoglyceric Acid Linked Acyclic Oligonucleotides Tagged with 2,4-Disubstituted 5-Aminopyrimidines as Recognition Elements. <i>Chemistry - an Asian Journal</i> , 2011, 6, 1252-1262.		12
24	Asymmetric Synthesis of 1-(9-Anthracenyl)ethylamine and Its Trifluoromethyl Analogue via Nucleophilic Addition to an N-(tert-Butylsulfinyl)imine. <i>Synthesis</i> , 2011, 2011, 2817-2821.	1.2	12
25	Synthesis of Novel Chiral (Thio)ureas and Their Application as Organocatalysts and Ligands in Asymmetric Synthesis. <i>Australian Journal of Chemistry</i> , 2008, 61, 364.	0.5	17
26	Structurally simple chiral thioureas as chiral solvating agents in the enantiodiscrimination of $\hat{\pm}$ -hydroxy and $\hat{\pm}$ -amino carboxylic acids. <i>Tetrahedron</i> , 2007, 63, 7673-7678.	1.0	48
27	Synthesis and conformational analysis of chiral ureas incorporating N-1-phenylethyl groups. Manifestation of allylic 1,3-strain. <i>Journal of Physical Organic Chemistry</i> , 2005, 18, 792-799.	0.9	13
28	Synthesis of New Chiral Derivatives of N,N-Dimethylpropyleneurea (DMPU) and Examination of Their Influence on the Regio- and Enantioselectivity of Addition of 2-(1,3-Dithianyl)lithium to Cyclohex-2-en-1-one. <i>Helvetica Chimica Acta</i> , 2002, 85, 1999.	1.0	23