

Marco Antonio Barbosa Ferreira

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	An efficient one-pot strategy for the highly regioselective metal-free synthesis of 1,4-disubstituted-1,2,3-triazoles. <i>Chemical Communications</i> , 2014, 50, 11926-11929.	4.1	74
2	Chiral Platinum(II) Complexes Featuring Phosphine and Chloroquine Ligands as Cytotoxic and Monofunctional DNA-Binding Agents. <i>Inorganic Chemistry</i> , 2015, 54, 11709-11720.	4.0	65
3	Chlorins: Natural Sources, Synthetic Developments and Main Applications. <i>Current Organic Synthesis</i> , 2014, 11, 42-58.	1.3	50
4	Multicomponent Combinatorial Development and Conformational Analysis of Prolyl Peptide- α -Peptoid Hybrid Catalysts: Application in the Direct Asymmetric Michael Addition. <i>Journal of Organic Chemistry</i> , 2013, 78, 10221-10232.	3.2	40
5	Total Synthesis of (α)-Goniotrionin. <i>Journal of Organic Chemistry</i> , 2012, 77, 4046-4062.	3.2	34
6	Monoamine oxidase inhibitory activities of indolylalkaloid toxins from the venom of the colonial spider <i>Parawixia bistriata</i> : Functional characterization of PwTX-I. <i>Toxicon</i> , 2009, 54, 717-724.	1.6	24
7	The Influence of a β^2 -Electron Withdrawing Substituent in Aldol Reactions of Methylketone Boron Enolates. <i>Organic Letters</i> , 2007, 9, 4869-4872.	4.6	22
8	Metal-catalyzed asymmetric aldol reactions. <i>Journal of the Brazilian Chemical Society</i> , 2012, 23, 2137-2158.	0.6	22
9	Noncovalent Interactions Drive the Efficiency of Molybdenum Imido Alkylidene Catalysts for Olefin Metathesis. <i>Journal of the American Chemical Society</i> , 2019, 141, 10788-10800.	13.7	22
10	1,5-Stereoinduction in Boron-Mediated Aldol Reactions of β^2,β^1 -Bisalkoxy Methylketones Containing Cyclic Protecting Groups. <i>Journal of Organic Chemistry</i> , 2012, 77, 3766-3792.	3.2	19
11	Intra- and Intermolecular Hydrogen Bonds in Alkyl and Silyl Ethers: δ Experimental and Theoretical Analysis. <i>Journal of Physical Chemistry A</i> , 2008, 112, 232-237.	2.5	17
12	The Role of β^2 -Bulky Substituents in Aldol Reactions of Boron Enolates of Methylketones with Aldehydes: Experimental and Theoretical Studies by DFT Analysis. <i>Journal of Organic Chemistry</i> , 2012, 77, 1765-1788.	3.2	17
13	Molecular-level insight in supported olefin metathesis catalysts by combining surface organometallic chemistry, high throughput experimentation, and data analysis. <i>Chemical Science</i> , 2020, 11, 6717-6723.	7.4	17
14	Cobalt-Catalyzed Stereoselective Synthesis of 2,5- <i>trans</i> -THF Nitrile Derivatives as a Platform for Diversification: Development and Mechanistic Studies. <i>Journal of Organic Chemistry</i> , 2018, 83, 7694-7713.	3.2	16
15	Influence of β^2 -Substituents in Aldol Reactions of Boron Enolates of β^2 -Alkoxy Methylketones. <i>Organic Letters</i> , 2010, 12, 5056-5059.	4.6	14
16	NIR bacteriochlorin chromophores accessed by Heck and Sonogashira cross-coupling reactions on a tetrabromobacteriochlorin derivative. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 1402-1412.	2.8	11
17	Diastereodivergent aminocatalyzed spirocyclization strategies using 4-alkylideneisoxazol-5-ones and methyl vinyl ketones. <i>Organic Chemistry Frontiers</i> , 2020, 7, 3599-3607.	4.5	11
18	Exploring the Aldol Reaction in the Synthesis of Bioactive Compounds. <i>Current Organic Synthesis</i> , 2015, 12, 547-564.	1.3	11

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19	A green metal-free one-pot microwave assisted synthesis of 1,4-dihydrochromene triazoles. RSC Advances, 2021, 11, 10336-10339.	3.6	10
20	Synthesis of 3-Carbonyl Trisubstituted Furans via Pd-Catalyzed Aerobic Cycloisomerization Reaction: Development and Mechanistic Studies. Journal of Organic Chemistry, 2021, 86, 3923-3942.	3.2	10
21	One-Step Synthesis of Methoxylated Phloroglucinol Derivatives Promoted by Niobium Pentachloride: An Experimental and Theoretical Approach. Synthesis, 2017, 49, 2402-2410.	2.3	9
22	Light-Driven Palladium-Radical Hybrid Species: Mechanistic Aspects and Recent Examples. Synthesis, 2022, 54, 4629-4645.	2.3	9
23	Organocatalyzed Asymmetric Vinylogous Addition of Oxazole-2-thiones to α,β -Unsaturated Ketones: An Additive-Free Approach for Diversification of Heterocyclic Scaffold. Journal of Organic Chemistry, 2018, 83, 1701-1716.	3.2	7
24	^1H chemical shift differences of Prelog-Djerassi lactone derivatives: DFT and NMR conformational studies. Organic and Biomolecular Chemistry, 2015, 13, 2140-2145.	2.8	5
25	Stereoselective Total Synthesis of the Potent Anti-Asthmatic Compound CMI-977 (LDP-977). Journal of the Brazilian Chemical Society, 2013, 24, 184-190.	0.6	5
26	Recent Advances in Palladium-Catalyzed Oxidative Couplings in the Synthesis/Functionalization of Cyclic Scaffolds Using Molecular Oxygen as the Sole Oxidant. Synthesis, 2022, 54, 2081-2102.	2.3	5
27	Diastereoselectivity in the boron aldol reaction of α -alkoxy and α,β -bis-alkoxy methyl ketones. Organic and Biomolecular Chemistry, 2019, 17, 3167-3180.	2.8	4
28	Mechanistic investigation of enolate/stabilized vinylogous carbanion-mediated organocatalytic azide (3 + 2) cycloaddition reactions for the synthesis of 1,2,3-triazoles. Organic and Biomolecular Chemistry, 2022, 20, 6019-6026.	2.8	4
29	Direct access to tetrasubstituted cyclopentenyl scaffolds through a diastereoselective isocyanide-based multicomponent reaction. Chemical Science, 2021, 12, 15862-15869.	7.4	2