

# Marco Antonio Barbosa Ferreira

## List of Publications by Year in descending order

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29  
papers

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citations

623734

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Recent Advances in Palladium-Catalyzed Oxidative Couplings in the Synthesis/Functionalization of Cyclic Scaffolds Using Molecular Oxygen as the Sole Oxidant. <i>Synthesis</i> , 2022, 54, 2081-2102.	2.3	5
2	Mechanistic investigation of enolate/stabilized vinylogous carbanion-mediated organocatalytic azide (3 + 2) cycloaddition reactions for the synthesis of 1,2,3-triazoles. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 6019-6026.	2.8	4
3	Light-Driven Palladium-Radical Hybrid Species: Mechanistic Aspects and Recent Examples. <i>Synthesis</i> , 2022, 54, 4629-4645.	2.3	9
4	A green metal-free microwave assisted synthesis of 1,4-dihydrochromene triazoles. <i>RSC Advances</i> , 2021, 11, 10336-10339.	3.6	10
5	Direct access to tetrasubstituted cyclopentenyl scaffolds through a diastereoselective isocyanide-based multicomponent reaction. <i>Chemical Science</i> , 2021, 12, 15862-15869.	7.4	2
6	Synthesis of 3-Carbonyl Trisubstituted Furans via Pd-Catalyzed Aerobic Cycloisomerization Reaction: Development and Mechanistic Studies. <i>Journal of Organic Chemistry</i> , 2021, 86, 3923-3942.	3.2	10
7	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
8	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
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	Diastereoselectivity in the boron aldol reaction of $\alpha$ -alkoxy and $\alpha,\beta$ -bis-alkoxy methyl ketones. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 3167-3180.	2.8	4
11	Organocatalyzed Asymmetric Vinylogous Addition of Oxazole-2-thiones to $\alpha,\beta$ -Unsaturated Ketones: An Additive-Free Approach for Diversification of Heterocyclic Scaffold. <i>Journal of Organic Chemistry</i> , 2018, 83, 1701-1716.	3.2	7
12	Cobalt-Catalyzed Stereoselective Synthesis of 2,5-trans-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
13	One-Step Synthesis of Methoxylated Phloroglucinol Derivatives Promoted by Niobium Pentachloride: An Experimental and Theoretical Approach. <i>Synthesis</i> , 2017, 49, 2402-2410.	2.3	9
14	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
15	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
16	<sup>1</sup> H chemical shift differences of Prelog-Djerassi lactone derivatives: DFT and NMR conformational studies. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 2140-2145.	2.8	5
17	Exploring the Aldol Reaction in the Synthesis of Bioactive Compounds. <i>Current Organic Synthesis</i> , 2015, 12, 547-564.	1.3	11
18	Chlorins: Natural Sources, Synthetic Developments and Main Applications. <i>Current Organic Synthesis</i> , 2014, 11, 42-58.	1.3	50

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19	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
20	Multicomponent Combinatorial Development and Conformational Analysis of Prolyl Peptideâ€“Peptoid Hybrid Catalysts: Application in the Direct Asymmetric Michael Addition. <i>Journal of Organic Chemistry</i> , 2013, 78, 10221-10232.	3.2	40
21	Stereoselective Total Synthesis of the Potent Anti-Asthmatic Compound CMI-977 (LDP-977). <i>Journal of the Brazilian Chemical Society</i> , 2013, 24, 184-190.	0.6	5
22	The Role of $\beta^2$ -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
23	1,5-Stereinduction in Boron-Mediated Aldol Reactions of $\beta^2, \beta^1$ -Bisalkoxy Methylketones Containing Cyclic Protecting Groups. <i>Journal of Organic Chemistry</i> , 2012, 77, 3766-3792.	3.2	19
24	Metal-catalyzed asymmetric aldol reactions. <i>Journal of the Brazilian Chemical Society</i> , 2012, 23, 2137-2158.	0.6	22
25	Total Synthesis of ( $\beta^2$ )-Goniotrionin. <i>Journal of Organic Chemistry</i> , 2012, 77, 4046-4062.	3.2	34
26	Influence of $\beta^2$ -Substituents in Aldol Reactions of Boron Enolates of $\beta^2$ -Alkoxy Methylketones. <i>Organic Letters</i> , 2010, 12, 5056-5059.	4.6	14
27	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
28	Intra- and Intermolecular Hydrogen Bonds in Alkyl and Silyl Ethers:â€“ Experimental and Theoretical Analysis. <i>Journal of Physical Chemistry A</i> , 2008, 112, 232-237.	2.5	17
29	The Influence of a $\beta^2$ -Electron Withdrawing Substituent in Aldol Reactions of Methylketone Boron Enolates. <i>Organic Letters</i> , 2007, 9, 4869-4872.	4.6	22