

Marcelo Siqueira Valle

List of Publications by Year in descending order

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18
papers

289
citations

840776

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888059

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20
all docs

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docs citations

20
times ranked

468
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanism of the Piperidine-Catalyzed Knoevenagel Condensation Reaction in Methanol: The Role of Iminium and Enolate Ions. <i>Journal of Physical Chemistry B</i> , 2017, 121, 5300-5307.	2.6	76
2	Synthesis and Biological Aspects of Mycolic Acids: An Important Target Against <i>Mycobacterium tuberculosis</i> . <i>Scientific World Journal</i> , The, 2008, 8, 720-751.	2.1	33
3	Synthesis and Antimalarial Activity of Dihydroperoxides and Tetraoxanes Conjugated with Bis(benzyl)acetone Derivatives. <i>Chemical Biology and Drug Design</i> , 2012, 79, 790-797.	3.2	27
4	Mechanism and free energy profile of base-catalyzed Knoevenagel condensation reaction. <i>RSC Advances</i> , 2016, 6, 57803-57810.	3.6	23
5	Rhodium-Catalyzed Intramolecular Formation of N-Sulfamoyl 2,3-Aziridino- β -lactones and Their Use for the Enantiospecific Synthesis of α,β -Diamino Acid Derivatives. <i>Journal of Organic Chemistry</i> , 2012, 77, 5592-5599.	3.2	17
6	Enantiospecific Synthesis of a Protected Equivalent of APTO, the β -Amino Acid Fragment of Microsclerodermins C and D, by Aziridino- β -lactone Methodology. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 673-686.	2.4	16
7	COtab: Expedient and Safe Setup for Pd-Catalyzed Carbonylation Chemistry. <i>Organic Letters</i> , 2019, 21, 5775-5778.	4.6	15
8	Bromo- and chloro-derivatives of dibenzylideneacetone: Experimental and theoretical study of the first molecular hyperpolarizability and two-photon absorption. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 369, 70-76.	3.9	15
9	Synthesis of alexine-like compounds from chiral five-membered endocyclic encarbamates. <i>Tetrahedron Letters</i> , 2008, 49, 1957-1960.	1.4	13
10	Second harmonic generation in pyrazoline derivatives of dibenzylideneacetones and chalcone: A combined experimental and theoretical approach. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 388, 112147.	3.9	13
11	Synthesis, characterization and antichagasic evaluation of thiosemicarbazones prepared from chalcones and dibenzalacetones. <i>Journal of Molecular Structure</i> , 2021, 1232, 130014.	3.6	12
12	Regioselective electrophilic substitution of 2,3-aziridino- β -lactones: preliminary studies aimed at the synthesis of α,β -disubstituted α - or β -amino acids. <i>Tetrahedron</i> , 2008, 64, 419-432.	1.9	10
13	Synthesis and characterization of 1,3,5-triarylpyrazol-4-ols and 3,5-diarylisoaxazol-4-ols from chalcones and theoretical studies of the stability of pyrazol-4-ol toward acid dehydration. <i>Journal of Molecular Structure</i> , 2020, 1204, 127536.	3.6	6
14	Synthesis of Furan Derivatives Condensed with Carbohydrates. <i>Molecules</i> , 2001, 6, 728-735.	3.8	4
15	Nonlinear Optical Study in a Set of Dibenzylideneacetone Derivatives with Potential for Optical Frequency Conversion. <i>Photonics</i> , 2020, 7, 8.	2.0	4
16	Synthesis of a Trihydroxylated Aminoazepane from D-Glucitol by an Intramolecular Aziridine Ring Opening. <i>Synlett</i> , 2008, 2008, 2874-2876.	1.8	2
17	Electron affinity and dipole moment of 1,2,4,5-tetraoxanes antimalarials and correlation with activity against <i>Plasmodium falciparum</i> . <i>Medicinal Chemistry Research</i> , 2014, 23, 5197-5203.	2.4	2
18	Frequency upconversion and two-photon absorption of salicylaldehyde azine 1. <i>Optical Materials</i> , 2013, 35, 2535-2539.	3.6	1