Carlos Aydillo

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2654496/publications.pdf

Version: 2024-02-01

23	448	840776 11	713466 21
papers	citations	h-index	g-index

27	27	27	590
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Poloxamine/D-Î±-Tocopheryl polyethylene glycol succinate (TPGS) mixed micelles and gels: Morphology, loading capacity and skin drug permeability. Journal of Molecular Liquids, 2021, 324, 114930.	4.9	5
2	New Amides and Phosphoramidates Containing Selenium: Studies on Their Cytotoxicity and Antioxidant Activities in Breast Cancer. Antioxidants, 2021, 10, 590.	5.1	5
3	Library of Selenocyanate and Diselenide Derivatives as In Vivo Antichagasic Compounds Targeting Trypanosoma cruzi Mitochondrion. Pharmaceuticals, 2021, 14, 419.	3.8	10
4	New Phosphoramidates Containing Selenium as Leishmanicidal Agents. Antimicrobial Agents and Chemotherapy, 2021, 65, e0059021.	3.2	5
5	Development and Therapeutic Potential of Selenazo Compounds. Journal of Medicinal Chemistry, 2020, 63, 1473-1489.	6.4	86
6	Novel N,Nâ€²-Disubstituted Acylselenoureas as Potential Antioxidant and Cytotoxic Agents. Antioxidants, 2020, 9, 55.	5.1	25
7	Vilsmeier reagent, NaHSe and diclofenac acid chloride: one-pot synthesis of a novel selenoindolinone with potent anticancer activity. RSC Advances, 2020, 10, 38404-38408.	3.6	0
8	New Amides Containing Selenium as Potent Leishmanicidal Agents Targeting Trypanothione Reductase. Antimicrobial Agents and Chemotherapy, 2020, 65, .	3.2	7
9	New Formulation of a Methylseleno-Aspirin Analog with Anticancer Activity Towards Colon Cancer. International Journal of Molecular Sciences, 2020, 21, 9017.	4.1	5
10	Thiazole Moiety: An Interesting Scaffold for Developing New Antitumoral Compounds. , 2020, , .		11
11	Elusive Dehydroalanine Derivatives with Enhanced Reactivity. ChemBioChem, 2019, 20, 1246-1250.	2.6	2
12	Synthesis and Leishmanicidal Activity of Novel Urea, Thiourea, and Selenourea Derivatives of Diselenides. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	30
13	Novel selenadiazole derivatives as selective antitumor and radical scavenging agents. European Journal of Medicinal Chemistry, 2018, 157, 14-27.	5.5	32
14	Design of Î±-S-Neoglycopeptides Derived from MUC1 with a Flexible and Solvent-Exposed Sugar Moiety. Journal of Organic Chemistry, 2016, 81, 5929-5941.	3.2	20
15	Bifunctional Chiral Dehydroalanines for Peptide Coupling and Stereoselective S-Michael Addition. Organic Letters, 2016, 18, 2796-2799.	4.6	29
16	S-Michael Additions to Chiral Dehydroalanines as an Entry to Glycosylated Cysteines and a Sulfa-Tn Antigen Mimic. Journal of the American Chemical Society, 2014, 136, 789-800.	13.7	42
17	Influence of Amino Acid Stereocenters on the Formation of Bicyclic N,O-Acetals. Journal of Organic Chemistry, 2014, 79, 2556-2563.	3.2	5
18	A Double Diastereoselective Michael-Type Addition as an Entry to Conformationally Restricted Tn Antigen Mimics. Journal of Organic Chemistry, 2013, 78, 10968-10977.	3.2	21

#	Article	IF	Citations
19	A Biomimetic Approach to Lanthionines. Organic Letters, 2012, 14, 334-337.	4.6	21
20	A Domino Michael/Dieckmann Process as an Entry to Î±-(Hydroxymethyl)glutamic Acid. Journal of Organic Chemistry, 2011, 76, 6990-6996.	3.2	10
21	Î±-Alkylation versus retro-O-Michael/Î³-alkylation of bicyclic N,O-acetals: an entry to Î±-methylthreonine. Tetrahedron: Asymmetry, 2008, 19, 2829-2834.	1.8	10
22	Role of the Countercation in Diastereoselective Alkylations of Pyramidalized Bicyclic Serine Enolates. An Easy Approach to Î±-Benzylserine. Journal of Organic Chemistry, 2007, 72, 5399-5402.	3.2	28
23	Theoretical Evidence for Pyramidalized Bicyclic Serine Enolates in Highly Diastereoselective Alkylations. Chemistry - A European Journal, 2007, 13, 4840-4848.	3.3	36