Carlos Aydillo

List of Publications by Year
in descending order

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

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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	Development and Therapeutic Potential of Selenazo Compounds. Journal of Medicinal Chemistry, 2020, 63, 1473-1489.	6.4	86
2	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
3	Theoretical Evidence for Pyramidalized Bicyclic Serine Enolates in Highly Diastereoselective Alkylations. Chemistry - A European Journal, 2007, 13, 4840-4848.	3.3	36
4	Novel selenadiazole derivatives as selective antitumor and radical scavenging agents. European Journal of Medicinal Chemistry, 2018, 157, 14-27.	5.5	32
5	Synthesis and Leishmanicidal Activity of Novel Urea, Thiourea, and Selenourea Derivatives of Diselenides. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	30
6	Bifunctional Chiral Dehydroalanines for Peptide Coupling and Stereoselective S-Michael Addition. Organic Letters, 2016, 18, 2796-2799.	4.6	29
7	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
8	Novel N,Nâ€²-Disubstituted Acylselenoureas as Potential Antioxidant and Cytotoxic Agents. Antioxidants, 2020, 9, 55.	5.1	25
9	A Biomimetic Approach to Lanthionines. Organic Letters, 2012, 14, 334-337.	4.6	21
10	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
11	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
12	Thiazole Moiety: An Interesting Scaffold for Developing New Antitumoral Compounds. , 2020, , .		11
13	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
14	A Domino Michael/Dieckmann Process as an Entry to Î±-(Hydroxymethyl)glutamic Acid. Journal of Organic Chemistry, 2011, 76, 6990-6996.	3.2	10
15	Library of Selenocyanate and Diselenide Derivatives as In Vivo Antichagasic Compounds Targeting Trypanosoma cruzi Mitochondrion. Pharmaceuticals, 2021, 14, 419.	3.8	10
16	New Amides Containing Selenium as Potent Leishmanicidal Agents Targeting Trypanothione Reductase. Antimicrobial Agents and Chemotherapy, 2020, 65, .	3.2	7
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	New Formulation of a Methylseleno-Aspirin Analog with Anticancer Activity Towards Colon Cancer. International Journal of Molecular Sciences, 2020, 21, 9017.	4.1	5

#	Article	IF	Citations
19	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
20	New Amides and Phosphoramidates Containing Selenium: Studies on Their Cytotoxicity and Antioxidant Activities in Breast Cancer. Antioxidants, 2021, 10, 590.	5.1	5
21	New Phosphoramidates Containing Selenium as Leishmanicidal Agents. Antimicrobial Agents and Chemotherapy, 2021, 65, e0059021.	3.2	5
22	Elusive Dehydroalanine Derivatives with Enhanced Reactivity. ChemBioChem, 2019, 20, 1246-1250.	2.6	2
23	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