

Mohammed Salah Ayoup

List of Publications by Year in descending order

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15
papers

358
citations

758635

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996533

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16
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16
docs citations

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378
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#	ARTICLE	IF	CITATIONS
1	Prodrugs of sulfacetamide: Synthesis, X-ray structure, Hirshfeld analysis, antibacterial assessment, and docking studies. <i>Journal of Molecular Structure</i> , 2022, 1251, 132017.	1.8	5
2	Two decades of recent advances of Passerini reactions: synthetic and potential pharmaceutical applications. <i>New Journal of Chemistry</i> , 2022, 46, 1445-1468.	1.4	18
3	Exploration of Nitroaromatic Antibiotics <i>via</i> Sanger's Reagent: Synthesis, <i>In Silico</i> , and Antimicrobial Evaluation. <i>ACS Omega</i> , 2022, 7, 5254-5263.	1.6	9
4	Beyond direct Nrf2 activation; reinvestigating 1,2,4-oxadiazole scaffold as a master key unlocking the antioxidant cellular machinery for cancer therapy. <i>European Journal of Medicinal Chemistry</i> , 2021, 220, 113475.	2.6	19
5	Halting colorectal cancer metastasis via novel dual nanomolar MMP-9/MAO-A quinoxaline-based inhibitors; design, synthesis, and evaluation. <i>European Journal of Medicinal Chemistry</i> , 2021, 222, 113558.	2.6	11
6	Battle tactics against MMP-9; discovery of novel non-hydroxamate MMP-9 inhibitors endowed with PI3K/AKT signaling attenuation and caspase 3/7 activation via Ugi bis-amide synthesis. <i>European Journal of Medicinal Chemistry</i> , 2020, 186, 111875.	2.6	24
7	Two decades of recent advances of Ugi reactions: synthetic and pharmaceutical applications. <i>RSC Advances</i> , 2020, 10, 42644-42681.	1.7	94
8	Fluorinated phenylalanines: synthesis and pharmaceutical applications. <i>Beilstein Journal of Organic Chemistry</i> , 2020, 16, 1022-1050.	1.3	14
9	Design, synthesis and biological evaluation of novel \pm -acyloxy carboxamides via Passerini reaction as caspase 3/7 activators. <i>European Journal of Medicinal Chemistry</i> , 2019, 168, 340-356.	2.6	37
10	Metabolism and hydrophilicity of the polarised 'Janus face' all- <i>cis</i> tetrafluorocyclohexyl ring, a candidate motif for drug discovery. <i>Chemical Science</i> , 2018, 9, 3023-3028.	3.7	41
11	Synthesis, Docking, and Evaluation of Antimicrobial Activity of a New Series of Acyclic Nucleosides of 1, 2, 4-triazolo[4, 3- <i>a</i>]quinoxaline Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2016, 53, 153-163.	1.4	18
12	Selectively fluorinated cyclohexane building blocks: Derivatives of carbonylated all- <i>cis</i> -3-phenyl-1,2,4,5-tetrafluorocyclohexane. <i>Beilstein Journal of Organic Chemistry</i> , 2015, 11, 2671-2676.	1.3	14
13	Fluorine containing amino acids: synthesis and peptide coupling of amino acids containing the all- <i>cis</i> tetrafluorocyclohexyl motif. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 5621-5624.	1.5	26
14	Total Synthesis of a Reported Fluorometabolite from <i>Streptomyces</i> sp. TC1 Indicates an Incorrect Assignment. The Isolated Compound Did Not Contain Fluorine. <i>Journal of Natural Products</i> , 2014, 77, 1249-1251.	1.5	13
15	A regio- and stereo-controlled approach to triazoloquinoxaliny C-nucleosides. <i>Carbohydrate Research</i> , 2010, 345, 2474-2484.	1.1	15