Ove Alexander HÃ¸gmoen Ãstrand

List of Publications by Year
in descending order

15 papers	173 citations	1307594 7 h-index	1125743 13 g-index
15 all docs	15 docs citations	15 times ranked	332 citing authors

#	Article	IF	Citations
1	Synthesis and Preclinical Evaluation of TPA-Based Zinc Chelators as Metallo-Î²-lactamase Inhibitors. ACS Infectious Diseases, 2018, 4, 1407-1422.	3.8	35
2	Total synthesis and antileukemic evaluations of the phenazine 5,10-dioxide natural products iodinin, myxin and their derivatives. Bioorganic and Medicinal Chemistry, 2017, 25, 2285-2293.	3.0	25
3	Antimicrobial Activity and Cytotoxicity of Ag(I) and Au(I) Pillarplexes. Frontiers in Chemistry, 2018, 6, 584.	3.6	22
4	ZN148 Is a Modular Synthetic Metallo-Î²-Lactamase Inhibitor That Reverses Carbapenem Resistance in Gram-Negative Pathogens In Vivo. Antimicrobial Agents and Chemotherapy, 2020, 64, .	3.2	22
5	Synthesis of a novel legumain-cleavable colchicine prodrug with cell-specific toxicity. Bioorganic and Medicinal Chemistry, 2014, 22, 3309-3315.	3.0	18
6	Synthesis and biological evaluation of zinc chelating compounds as metallo-Î²-lactamase inhibitors. MedChemComm, 2019, 10, 528-537.	3.4	13
7	Synthesis and biological evaluation of new dipicolylamine zinc chelators as metallo-Î²-lactamase inhibitors. Tetrahedron, 2019, 75, 1525-1540.	1.9	10
8	Regulation of liver X receptor target genes by 22-functionalized oxysterols. Synthesis, in silico and in vitro evaluations. Steroids, 2017, 118, 119-127.	1.8	8
9	Degradative Behavior and Toxicity of Alkylated Imidazoles. Industrial & Engineering Chemistry Research, 2020, 59, 587-595.	3.7	6
10	Development of new LXR modulators that regulate LXR target genes and reduce lipogenesis in human cell models. European Journal of Medicinal Chemistry, 2014, 74, 258-263.	5.5	5
11	Synthesis, in vitro and in vivo biological evaluation of new oxysterols as modulators of the liver X receptors. Journal of Steroid Biochemistry and Molecular Biology, 2017, 165, 323-330.	2.5	5
12	Zinc-Chelating Compounds as Inhibitors of Human and Bacterial Zinc Metalloproteases. Molecules, 2022, 27, 56.	3.8	3
13	Crystal structure of (S)-2-[(3S,8S,9S,10R,13S,14S,17R)-3-hydroxy-10,13-dimethyl-2,3,4,7,8,9,10,11,12,13,14,15,16,17-tetradecahydro-1H-cyclopenta[a]p (Fernholz Weinreb amide). Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, 275-277.	0.5	1
14	(2S,3S)-2,6-Dimethylheptane-1,3-diol, the oxygenated side chain of 22(S)-hydroxycholestrol, and its synthetic precursor (R)-4-benzyl-3-[(2R,3S)-3-hydroxy-2,6-dimethylheptanoyl]-1,3-oxazolidin-2-one. Acta Crystallographica Section C: Crystal Structure Communications, 2013, 69, 647-650.	0.4	0
15	(Acetonitrile){2-[bis(pyridin-2-ylmethyl-Îº2N)amino-Îº3N]-N-(2,6-dimethylphenyl)acetamide-ÎºO}(perchlorato-ÎºO)zinc (acetonitrile){2-[bis(pyridin-2-ylmethyl-Îº2N)amino-Îº3N]-N-(2,6-dimethylphenyl)acetamide-ÎºO}zinc tris(perchlorate). Acta Crystallographica Section E: Structure Reports Online, 2013, 69, m112-m113.	0.2	0