Gyudong Kim

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4738928/publications.pdf

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22	344	933447 10	839539 18
papers	citations	h-index	g-index

24	24	24	502
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Selenoacyclovir and Selenoganciclovir: Discovery of a New Template for Antiviral Agents. Journal of Medicinal Chemistry, 2015, 58, 8734-8738.	6.4	48
2	Design, Synthesis, and Anti-RNA Virus Activity of 6â€²-Fluorinated-Aristeromycin Analogues. Journal of Medicinal Chemistry, 2019, 62, 6346-6362.	6.4	45
3	Asymmetric Total Synthesis of (+)â€Bermudenynol, a C₁₅Laurencia Metabolite with a Vinyl Chloride Containing Oxocene Skeleton, through Intramolecular Amide Enolate Alkylation. Angewandte Chemie - International Edition, 2014, 53, 272-276.	13.8	36
4	Design, synthesis and anticancer activity of fluorocyclopentenyl-purines and â€“ pyrimidines. European Journal of Medicinal Chemistry, 2018, 155, 406-417.	5.5	34
5	Structureâ€“Activity Relationships of Neplanocin A Analogues as S-Adenosylhomocysteine Hydrolase Inhibitors and Their Antiviral and Antitumor Activities. Journal of Medicinal Chemistry, 2015, 58, 5108-5120.	6.4	30
6	6â€²-Î²-Fluoro-Homoaristeromycin and 6â€²-Fluoro-Homoneplanocin A Are Potent Inhibitors of Chikungunya Virus Replication through Their Direct Effect on Viral Nonstructural Protein 1. Antimicrobial Agents and Chemotherapy, 2020, 64, .	3.2	23
7	Development of a Potent Brain-Penetrant EGFR Tyrosine Kinase Inhibitor against Malignant Brain Tumors. ACS Medicinal Chemistry Letters, 2020, 11, 1799-1809.	2.8	17
8	Discovery and Structureâ€“Activity Relationships of Novel Template, Truncated 1â€²-Homologated Adenosine Derivatives as Pure Dual PPARÎ³/Î´ Modulators. Journal of Medicinal Chemistry, 2020, 63, 16012-16027.	6.4	15
9	Asymmetric Synthesis of (â^')-6â€²-Î²-Fluoro-aristeromycin via Stereoselective Electrophilic Fluorination. Organic Letters, 2017, 19, 5732-5735.	4.6	13
10	Identification of 6â€²-Î²-fluoro-homoaristeromycin as a potent inhibitor of chikungunya virus replication. European Journal of Medicinal Chemistry, 2020, 187, 111956.	5.5	13
11	Stereoselective Synthesis of <scp>d</scp>-5-Homo-4-selenoribose as a Versatile Intermediate for 4â€²-Selenonucleosides. Organic Letters, 2015, 17, 4636-4639.	4.6	11
12	Design, synthesis and cellular metabolism study of 4â€²-selenonucleosides. Future Medicinal Chemistry, 2015, 7, 1643-1655.	2.3	9
13	Synthesis of Acyclic Selenonucleoside Phosphonates as Potential Antiviral Agents. Asian Journal of Organic Chemistry, 2016, 5, 183-186.	2.7	8
14	Synthesis and Antiâ€HIV Activity of 5â€²â€Homoâ€2â€²,3â€²â€dideoxyâ€2â€²,3â€²â€didehydroâ€4â€²â€selenonucleosides (5â€²â€H Asian Journal of Organic Chemistry, 2016, 5, 735-741.	2.7	7
15	Structure-Activity Relationships of Acyclic Selenopurine Nucleosides as Antiviral Agents. Molecules, 2017, 22, 1167.	3.8	6
16	LJ-1888, a selective antagonist for the A3 adenosine receptor, ameliorates the development of atherosclerosis and hypercholesterolemia in apolipoprotein E knock-out mice. BMB Reports, 2018, 51, 520-525.	2.4	6
17	Construction of 6,10-syn- and -anti-2,5-Dioxabicyclo[2.2.1]heptane Skeletons via Oxonium Ion Formation/Fragmentation: Prediction of Structure of (E)-Ocellenyne by NMR Calculation. Organic Letters, 2017, 19, 6252-6255.	4.6	5
18	An efficient synthesis of fluoro-neplanocin A analogs using electrophilic fluorination and palladium-catalyzed dehydrosilylation. Organic Chemistry Frontiers, 2019, 6, 959-966.	4.5	4

#	Article	IF	Citations
19	Design, Synthesis, and Biological Activity of <scp>l</scp>-1â€²-Homologated Adenosine Derivatives. ACS Medicinal Chemistry Letters, 2022, 13, 1131-1136.	2.8	4
20	Synthesis and anti-HIV activity of l-2â€²,3â€²-Dideoxy-4â€²-selenonucleosides (l-4â€²-Se-ddNs). Archives of Pharmacal Research, 2019, 42, 780-789.	6.3	3
21	Correlation study between A3 adenosine receptor binding affinity and anti-renal interstitial fibrosis activity of truncated adenosine derivatives. Archives of Pharmacal Research, 2019, 42, 773-779.	6.3	3
22	Stereoselective Synthesis of 4â€²â€Selenonucleosides via the Seleno€Michael Reaction. Current Protocols in Nucleic Acid Chemistry, 2017, 69, 14.13.1-14.13.15.	0.5	0