Patricia Busca

List of Publications by Year
in descending order

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26	521	687363	642732
papers	citations	13	23
		h-index	g-index

30	30	30	717
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Tyrosine kinase inhibitor NVP-BGJ398 functionally improves FGFR3-related dwarfism in mouse model. Journal of Clinical Investigation, 2016, 126, 1871-1884.	8.2	84
2	Enantioselective synthesis of non-natural amino acids using phenylalanine dehydrogenases modified by site-directed mutagenesis. Organic and Biomolecular Chemistry, 2004, 2, 2684.	2.8	54
3	Synthesis and biological evaluation of a triazole-based library of pyrido[2,3-d]pyrimidines as FGFR3 tyrosine kinase inhibitors. Organic and Biomolecular Chemistry, 2010, 8, 2164.	2.8	53
4	Idiosyncratic features in tRNAs participating in bacterial cell wall synthesis. Nucleic Acids Research, 2007, 35, 6870-6883.	14.5	42
5	A novel tyrosine kinase inhibitor restores chondrocyte differentiation and promotes bone growth in a gain-of-function Fgfr3 mouse model. Human Molecular Genetics, 2012, 21, 841-851.	2.9	40
6	Decoding the Logic of the tRNA Regiospecificity of Nonribosomal FemX_{Wv} Aminoacyl Transferase. Angewandte Chemie - International Edition, 2010, 49, 5115-5119.	13.8	26
7	Microwave-assisted preparation of 4-amino-3-cyano-5-methoxycarbonyl-N-arylpyrazoles as building blocks for the diversity-oriented synthesis of pyrazole-based polycyclic scaffolds. Organic and Biomolecular Chemistry, 2015, 13, 409-423.	2.8	24
8	Synthesis and biological evaluation of new UDP-GalNAc analogues for the study of polypeptide-Î±-GalNAc-transferases. Bioorganic and Medicinal Chemistry Letters, 2003, 13, 1853-1856.	2.2	21
9	A convenient synthesis of Î±- and Î²-d-glucosamine-1-phosphate and derivatives. Tetrahedron Letters, 1998, 39, 8101-8104.	1.4	20
10	Synthesis of 2â€²-O,3â€²-O bicyclic adenosine analogues using ring closing metathesis. Tetrahedron Letters, 2003, 44, 9131-9134.	1.4	20
11	Copper(I)/Copper(II)â€Assisted Tandem Catalysis: The Case Study of Ullmann/Chanâ€“Evansâ€“Lam N¹,N³â€Diarylation of 3â€Aminopyrazole. ChemCatChem, 2015, 7, 2433-2436.	3.7	19
12	Regioselective Functionalization of Quinolines through C-H Activation: A Comprehensive Review. Molecules, 2021, 26, 5467.	3.8	15
13	Synthesis of UDP-GalNAc analogues as probes for the study of polypeptide-Î±-GalNAc-transferases. Part 2. Tetrahedron Letters, 2004, 45, 4433-4436.	1.4	13
14	Synthesis of C-Nucleosidic ATP Mimics as Potential FGFR3 Inhibitors. European Journal of Organic Chemistry, 2006, 2006, 2403-2409.	2.4	13
15	Synthesis of purin-2-yl and purin-6-yl-aminoglucitols as C-nucleosidic ATP mimics and biological evaluation as FGFR3 inhibitors. European Journal of Medicinal Chemistry, 2011, 46, 1254-1262.	5.5	11
16	Synthesis and biological evaluation of chemical tools for the study of Dolichol Linked Oligosaccharide Diphosphatase (DLODP). European Journal of Medicinal Chemistry, 2017, 125, 952-964.	5.5	11
17	Demonstration of an oligosaccharide-diphosphodolichol diphosphatase activity whose subcellular localization is different than those of dolichyl-phosphate-dependent enzymes of the dolichol cycle. Journal of Lipid Research, 2016, 57, 1029-1042.	4.2	10
18	Reductive Cleavage of Aromatic and Heteroaromatic Ester Functions via Copper-Catalyzed Proto-Decarbomethoxylation. Organic Letters, 2018, 20, 2724-2727.	4.6	9

#	Article	IF	Citations
19	Discovery, SAR study and ADME properties of methyl 4-amino-3-cyano-1-(2-benzyloxyphenyl)-1H-pyrazole-5-carboxylate as an HIV-1 replication inhibitor. RSC Medicinal Chemistry, 2020, 11, 577-582.	3.9	8
20	Destabilization of the human REDâ€“SMU1 splicing complex as a basis for host-directed antiinfluenza strategy. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 10968-10977.	7.1	7
21	Brefeldin A promotes the appearance of oligosaccharyl phosphates derived from Glc3Man9GlcNAc2-PP-dolichol within the endomembrane system of HepG2 cells. Journal of Lipid Research, 2016, 57, 1477-1491.	4.2	5
22	Synthesis of Multifunctionalized 2-Iminothiazolidin-4-ones and Their 2-Arylimino Derivatives. Synthesis, 2016, 48, 4569-4579.	2.3	4
23	Molecular modeling study of the induced-fit effect on kinase inhibition: the case of fibroblast growth factor receptor 3 (FGFR3). Journal of Computer-Aided Molecular Design, 2015, 29, 619-641.	2.9	3
24	Bacterial Lipid II Analogs: Novel In Vitro Substrates for Mammalian Oligosaccharyl Diphosphodolichol Diphosphatase (DLODP) Activities. Molecules, 2019, 24, 2135.	3.8	1
25	Synthetic Route to Glycosyl Î²-1C-(phosphino)-phosphonates as Unprecedented Stable Glycosyl Diphosphate Analogs and Their Preliminary Biological Evaluation. Molecules, 2020, 25, 4969.	3.8	1
26	Enantioselective Synthesis of Non-Natural Amino Acids Using Phenylalanine Dehydrogenases Modified by Site-Directed Mutagenesis.. ChemInform, 2005, 36, no.	0.0	0