Johan Vande Voorde

List of Publications by Year
in descending order

19	1,289	687363 13	794594 19
papers	citations	h-index	g-index

19	19	19	2520
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Improving the metabolic fidelity of cancer models with a physiological cell culture medium. Science Advances, 2019, 5, eaau7314.	10.3	249
2	The metabolic fate of acetate in cancer. Nature Reviews Cancer, 2016, 16, 708-717.	28.4	229
3	Acetate Recapturing by Nuclear Acetyl-CoA Synthetase 2 Prevents Loss of Histone Acetylation during Oxygen and Serum Limitation. Cell Reports, 2017, 18, 647-658.	6.4	202
4	Nucleoside-catabolizing Enzymes in Mycoplasma-infected Tumor Cell Cultures Compromise the Cytostatic Activity of the Anticancer Drug Gemcitabine. Journal of Biological Chemistry, 2014, 289, 13054-13065.	3.4	116
5	Phosphoramidate ProTides of the Anticancer Agent FUDR Successfully Deliver the Preformed Bioactive Monophosphate in Cells and Confer Advantage over the Parent Nucleoside. Journal of Medicinal Chemistry, 2011, 54, 7247-7258.	6.4	98
6	Role of Human Hypoxanthine Guanine Phosphoribosyltransferase in Activation of the Antiviral Agent T-705 (Favipiravir). Molecular Pharmacology, 2013, 84, 615-629.	2.3	94
7	Increased formate overflow is a hallmark of oxidative cancer. Nature Communications, 2018, 9, 1368.	12.8	90
8	The cytostatic activity of NUC-3073, a phosphoramidate prodrug of 5-fluoro-2â€²-deoxyuridine, is independent of activation by thymidine kinase and insensitive to degradation by phosphorolytic enzymes. Biochemical Pharmacology, 2011, 82, 441-452.	4.4	33
9	Alpha-carboxy nucleoside phosphonates as universal nucleoside triphosphate mimics. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 3475-3480.	7.1	29
10	Synthesis and biological evaluation of unsaturated keto and exomethylene d-arabinopyranonucleoside analogs: Novel 5-fluorouracil analogs that target thymidylate synthase. European Journal of Medicinal Chemistry, 2011, 46, 993-1005.	5.5	25
11	Evidence for the Presence of Legionella Bacteriophages in Environmental Water Samples. Microbial Ecology, 2008, 56, 191-197.	2.8	24
12	Characterization of pyrimidine nucleoside phosphorylase of Mycoplasma hyorhinis: implications for the clinical efficacy of nucleoside analogues. Biochemical Journal, 2012, 445, 113-123.	3.7	21
13	Mycoplasma hyorhinisâ€encoded cytidine deaminase efficiently inactivates cytosineâ€based anticancer drugs. FEBS Open Bio, 2015, 5, 634-639.	2.3	17
14	The Nurture of Tumors Can Drive Their Metabolic Phenotype. Cell Metabolism, 2016, 23, 391-392.	16.2	15
15	Microwave-assisted synthesis of C-8 aryl and heteroaryl inosines and determination of their inhibitory activities against Plasmodium falciparum purine nucleoside phosphorylase. European Journal of Medicinal Chemistry, 2014, 82, 459-465.	5.5	13
16	Cyclocreatine Suppresses Creatine Metabolism and Impairs Prostate Cancer Progression. Cancer Research, 2022, 82, 2565-2575.	0.9	12
17	Mycoplasma hyorhinisâ€“Encoded Purine Nucleoside Phosphorylase: Kinetic Properties and Its Effect on the Cytostatic Potential of Purine-Based Anticancer Drugs. Molecular Pharmacology, 2013, 84, 865-875.	2.3	11
18	Inhibition of pyrimidine and purine nucleoside phosphorylases by a 3,5-dichlorobenzoyl-substituted 2-deoxy-d-ribose-1-phosphate derivative. Biochemical Pharmacology, 2012, 83, 1358-1363.	4.4	7

#	Article	IF	Citations
19	An emerging understanding of the Janus face of the human microbiome: enhancement versus impairment of cancer therapy. Journal of Antimicrobial Chemotherapy, 2014, 69, 2878-2880.	3.0	4