Christopher P Phenix

List of Publications by Year
in descending order

17	337	933447 10	940533 16
papers	citations	h-index	g-index

17	17	17	639
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Computational Prediction of Chemical Tools for Identification and Validation of Synthetic Lethal Interaction Networks. Methods in Molecular Biology, 2021, 2381, 333-358.	0.9	0
2	Employing in vitro metabolism to guide design of F-labelled PET probes of novel Î±-synuclein binding bifunctional compounds. Xenobiotica, 2021, 51, 885-900.	1.1	7
3	Leucine Potentiates Glucose-mediated 18F-FDG Uptake in Brown Adipose Tissue via Î²-Adrenergic Activation. Biomedicines, 2020, 8, 159.	3.2	2
4	Design and synthesis of fluorogenic substrate-based probes for detecting Cathepsin B activity. Bioorganic Chemistry, 2019, 92, 103194.	4.1	8
5	Searching for novel PET radiotracers: imaging cardiac perfusion, metabolism and inflammation. American Journal of Nuclear Medicine and Molecular Imaging, 2018, 8, 200-227.	1.0	14
6	Molecular Imaging of Hydrolytic Enzymes Using PET and SPECT. Molecular Imaging, 2017, 16, 153601211771785.	1.4	24
7	Non-radioactive 2-deoxy-2-fluoro-D-glucose inhibits glucose uptake in xenograft tumours and sensitizes HeLa cells to doxorubicin in vitro. PLoS ONE, 2017, 12, e0187584.	2.5	13
8	N-Alkylated aziridines are easily-prepared, potent, specific and cell-permeable covalent inhibitors of human Î²-glucocerebrosidase. Chemical Communications, 2015, 51, 11390-11393.	4.1	15
9	High Intensity Focused Ultrasound Technology, its Scope and Applications in Therapy and Drug Delivery. Journal of Pharmacy and Pharmaceutical Sciences, 2014, 17, 136.	2.1	104
10	Creating and virtually screening databases of fluorescently-labelled compounds for the discovery of target-specific molecular probes. Journal of Computer-Aided Molecular Design, 2014, 28, 1129-1142.	2.9	2
11	Prodrug-Inspired Probes Selective to Cathepsin B over Other Cysteine Cathepsins. Journal of Medicinal Chemistry, 2014, 57, 6092-6104.	6.4	43
12	Imaging of enzyme replacement therapy using PET. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 10842-10847.	7.1	40
13	Structural, Functional and Calorimetric Investigation of MosA, a Dihydrodipicolinate Synthase from Sinorhizobium meliloti L5â€“30, does not Support Involvement in Rhizopine Biosynthesis. ChemBioChem, 2008, 9, 1591-1602.	2.6	20
14	Isothermal Titration Microcalorimetry Reveals the Cooperative and Noncompetitive Nature of Inhibition of Sinorhizobium meliloti L5-30 Dihydrodipicolinate Synthase by (S)-Lysine. Biochemistry, 2008, 47, 7779-7781.	2.5	17
15	Crystallization, preliminary X-ray diffraction and structure solution of MosA, a dihydrodipicolinate synthase fromSinorhizobium melilotiL5-30. Acta Crystallographica Section F: Structural Biology Communications, 2006, 62, 49-51.	0.7	1
16	Stereoselective oxidation of protected inositol derivatives catalyzed by inositol dehydrogenase from Bacillus subtilis. Organic and Biomolecular Chemistry, 2005, 3, 401.	2.8	14
17	MosA, a Protein Implicated in Rhizopine Biosynthesis in Sinorhizobium meliloti L5-30, is a Dihydrodipicolinate Synthase. Journal of Molecular Biology, 2004, 335, 393-397.	4.2	13