

Christopher P Phenix

List of Publications by Year in descending order

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933447

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639
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#	ARTICLE	IF	CITATIONS
1	High Intensity Focused Ultrasound Technology, its Scope and Applications in Therapy and Drug Delivery. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2014, 17, 136.	2.1	104
2	Prodrug-Inspired Probes Selective to Cathepsin B over Other Cysteine Cathepsins. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 6092-6104.	6.4	43
3	Imaging of enzyme replacement therapy using PET. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 10842-10847.	7.1	40
4	Molecular Imaging of Hydrolytic Enzymes Using PET and SPECT. <i>Molecular Imaging</i> , 2017, 16, 153601211771785.	1.4	24
5	Structural, Functional and Calorimetric Investigation of MosA, a Dihydrodipicolinate Synthase from <i>Sinorhizobium meliloti</i> L5-30, does not Support Involvement in Rhizopine Biosynthesis. <i>ChemBioChem</i> , 2008, 9, 1591-1602.	2.6	20
6	Isothermal Titration Microcalorimetry Reveals the Cooperative and Noncompetitive Nature of Inhibition of <i>Sinorhizobium meliloti</i> L5-30 Dihydrodipicolinate Synthase by <i>S</i> -Lysine. <i>Biochemistry</i> , 2008, 47, 7779-7781.	2.5	17
7	N-Alkylated aziridines are easily-prepared, potent, specific and cell-permeable covalent inhibitors of human β -glucocerebrosidase. <i>Chemical Communications</i> , 2015, 51, 11390-11393.	4.1	15
8	Stereoselective oxidation of protected inositol derivatives catalyzed by inositol dehydrogenase from <i>Bacillus subtilis</i> . <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 401.	2.8	14
9	Searching for novel PET radiotracers: imaging cardiac perfusion, metabolism and inflammation. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 8, 200-227.	1.0	14
10	MosA, a Protein Implicated in Rhizopine Biosynthesis in <i>Sinorhizobium meliloti</i> L5-30, is a Dihydrodipicolinate Synthase. <i>Journal of Molecular Biology</i> , 2004, 335, 393-397.	4.2	13
11	Non-radioactive 2-deoxy-2-fluoro-D-glucose inhibits glucose uptake in xenograft tumours and sensitizes HeLa cells to doxorubicin in vitro. <i>PLoS ONE</i> , 2017, 12, e0187584.	2.5	13
12	Design and synthesis of fluorogenic substrate-based probes for detecting Cathepsin B activity. <i>Bioorganic Chemistry</i> , 2019, 92, 103194.	4.1	8
13	Employing <i>in vitro</i> metabolism to guide design of F-labelled PET probes of novel β -synuclein binding bifunctional compounds. <i>Xenobiotica</i> , 2021, 51, 885-900.	1.1	7
14	Creating and virtually screening databases of fluorescently-labelled compounds for the discovery of target-specific molecular probes. <i>Journal of Computer-Aided Molecular Design</i> , 2014, 28, 1129-1142.	2.9	2
15	Leucine Potentiates Glucose-mediated ^{18}F -FDG Uptake in Brown Adipose Tissue via β -Adrenergic Activation. <i>Biomedicines</i> , 2020, 8, 159.	3.2	2
16	Crystallization, preliminary X-ray diffraction and structure solution of MosA, a dihydrodipicolinate synthase from <i>Sinorhizobium meliloti</i> L5-30. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2006, 62, 49-51.	0.7	1
17	Computational Prediction of Chemical Tools for Identification and Validation of Synthetic Lethal Interaction Networks. <i>Methods in Molecular Biology</i> , 2021, 2381, 333-358.	0.9	0