

Jed N Lampe

List of Publications by Year in descending order

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37
papers

707
citations

471061

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1133
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#	ARTICLE	IF	CITATIONS
1	Role of Protein-Protein Interactions in Cytochrome P450-Mediated Drug Metabolism and Toxicity. <i>Chemical Research in Toxicology</i> , 2014, 27, 1474-1486.	1.7	69
2	The role of hepatocyte nuclear factor 4-alpha in perfluorooctanoic acid- and perfluorooctanesulfonic acid-induced hepatocellular dysfunction. <i>Toxicology and Applied Pharmacology</i> , 2016, 304, 18-29.	1.3	65
3	Common Drugs Inhibit Human Organic Cation Transporter 1 (OCT1)-Mediated Neurotransmitter Uptake. <i>Drug Metabolism and Disposition</i> , 2014, 42, 990-995.	1.7	52
4	Two-dimensional NMR and All-atom Molecular Dynamics of Cytochrome P450 CYP119 Reveal Hidden Conformational Substates. <i>Journal of Biological Chemistry</i> , 2010, 285, 9594-9603.	1.6	43
5	Digging Deeper into CYP3A Testosterone Metabolism: Kinetic, Regioselectivity, and Stereoselectivity Differences between CYP3A4/5 and CYP3A7. <i>Drug Metabolism and Disposition</i> , 2017, 45, 1266-1275.	1.7	38
6	Longitudinal Study of Insulin-like Growth Factor, Insulin-like Growth Factor Binding Protein-3, and their Polymorphisms: Risk of Neoplastic Progression in Barrett's Esophagus. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2007, 16, 2387-2395.	1.1	37
7	Time-Resolved Fluorescence Studies of Heterotropic Ligand Binding to Cytochrome P450 3A4. <i>Biochemistry</i> , 2006, 45, 12204-12215.	1.2	35
8	Neonatal cytochrome P450 CYP3A7: A comprehensive review of its role in development, disease, and xenobiotic metabolism. <i>Archives of Biochemistry and Biophysics</i> , 2019, 673, 108078.	1.4	34
9	Ligand-Induced Conformational Heterogeneity of Cytochrome P450 CYP119 Identified by 2D NMR Spectroscopy with the Unnatural Amino Acid 13C-p-Methoxyphenylalanine. <i>Journal of the American Chemical Society</i> , 2008, 130, 16168-16169.	6.6	32
10	Nile Red Is a Fluorescent Allosteric Substrate of Cytochrome P450 3A4. <i>Biochemistry</i> , 2008, 47, 509-516.	1.2	32
11	Mouse strain-dependent caspase activation during acetaminophen hepatotoxicity does not result in apoptosis or modulation of inflammation. <i>Toxicology and Applied Pharmacology</i> , 2011, 257, 449-458.	1.3	29
12	Analysis of Cytochrome P450 CYP119 Ligand-dependent Conformational Dynamics by Two-dimensional NMR and X-ray Crystallography. <i>Journal of Biological Chemistry</i> , 2015, 290, 10000-10017.	1.6	28
13	Antisense Oligonucleotides Containing Modified Bases Inhibit in Vitro Translation of <i>Leishmania amazonensis</i> mRNAs by Invading the Mini-exon Hairpin. <i>Journal of Biological Chemistry</i> , 1999, 274, 8191-8198.	1.6	27
14	Role of Cysteine Residues in Heme Binding to Human Heme Oxygenase-2 Elucidated by Two-dimensional NMR Spectroscopy. <i>Journal of Biological Chemistry</i> , 2012, 287, 35181-35191.	1.6	26
15	NMR Studies of Ligand Binding to P450eryFP Provides Insight into the Mechanism of Cooperativity. <i>Biochemistry</i> , 2006, 45, 1673-1684.	1.2	25
16	Ligand-dependent modulation of hOCT1 transport reveals discrete ligand binding sites within the substrate translocation channel. <i>Biochemical Pharmacology</i> , 2018, 156, 371-384.	2.0	24
17	Cysteine 98 in CYP3A4 contributes to conformational integrity required for P450 interaction with CYP reductase. <i>Archives of Biochemistry and Biophysics</i> , 2006, 454, 42-54.	1.4	20
18	Spectral resolution of a second binding site for Nile Red on cytochrome P4503A4. <i>Archives of Biochemistry and Biophysics</i> , 2008, 474, 198-204.	1.4	16

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19	Active-site residues move independently from the rest of the protein in a 200 ns molecular dynamics simulation of cytochrome P450 CYP119. Archives of Biochemistry and Biophysics, 2011, 509, 127-132.	1.4	15
20	Factors influencing the extent and selectivity of alkylation within triplexes by reactive G/A motif oligonucleotides. Nucleic Acids Research, 1997, 25, 4123-4131.	6.5	14
21	Advances in the Understanding of Protein-Protein Interactions in Drug Metabolizing Enzymes through the Use of Biophysical Techniques. Frontiers in Pharmacology, 2017, 8, 521.	1.6	12
22	Probing the CYP3A4 active site by cysteine scanning mutagenesis and photoaffinity labeling. Archives of Biochemistry and Biophysics, 2005, 444, 100-111.	1.4	8
23	Characterization of fluorescent probe substrates to develop an efficient high-throughput assay for neonatal hepatic CYP3A7 inhibition screening. Scientific Reports, 2021, 11, 19443.	1.6	5
24	Cytochrome P450 Enzyme Metabolites in Lead Discovery and Development. Annual Reports in Medicinal Chemistry, 2014, 49, 347-359.	0.5	4
25	Inhibition of CYP3A7 DHEA-S Oxidation by Lopinavir and Ritonavir: An Alternative Mechanism for Adrenal Impairment in HIV Antiretroviral-Treated Neonates. Chemical Research in Toxicology, 2021, 34, 1150-1160.	1.7	4
26	Pseudomonas aeruginosa cytochrome P450 CYP168A1 is a fatty acid hydroxylase that metabolizes arachidonic acid to the vasodilator 19-HETE. Journal of Biological Chemistry, 2022, 298, 101629.	1.6	4
27	Aqueous synthesis of a small-molecule lanthanide chelator amenable to copper-free click chemistry. PLoS ONE, 2019, 14, e0209726.	1.1	3
28	Identification of Aloe-derived natural products as prospective lead scaffolds for SARS-CoV-2 main protease (Mpro) inhibitors. Bioorganic and Medicinal Chemistry Letters, 2022, 66, 128732.	1.0	3
29	Case Studies in Modern Drug Discovery and Development. American Journal of Health-System Pharmacy, 2013, 70, 821-821.	0.5	1
30	Expression and Characterization of <i>P. aeruginosa</i> Cytochrome P450 CYP168A1. FASEB Journal, 2021, 35, .	0.2	1
31	Development of a High-Throughput Fluorescent-Based Assay to Assess Cytochrome P450 3A7 Activity in Neonatal Human Liver Microsomes. Biophysical Journal, 2021, 120, 284a.	0.2	0
32	CYP3A7 drug-hormone Interactions in the Neonate: Adrenal Insufficiency and Low Birthweight in the HIV infected Neonate caused by Inhibition of CYP3A7 DHEA-S Oxidation by Ritonavir. FASEB Journal, 2021, 35, .	0.2	0
33	Development of a High-Throughput Fluorescent-Based Assay to Assess Cytochrome P450 CYP3A7 Activity in Neonatal Human Liver Microsomes. FASEB Journal, 2021, 35, .	0.2	0
34	A click chemistry-mediated approach to understanding survivin-caspase-9 protein-protein interactions. FASEB Journal, 2013, 27, 790.16.	0.2	0
35	Inhibition of CYP3A7 by Ritonavir and Lopinavir Leads to Adrenal Insufficiency in the Developing Infant by Blocking DHEA-S Oxidation. FASEB Journal, 2018, 32, 1b657.	0.2	0
36	Utilization of CYP3A-Specific Inhibitors to Study Cytochrome P450 CYP3A7 Activity in Neonatal Human Liver Microsomes. FASEB Journal, 2022, 36, .	0.2	0

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37	Identification of Aloe-derived natural products as lead scaffolds for SARS-CoV-2 main protease (M) Tj ETQq1	1,0784314	0 rgBT /Ove