Edward E Mckee

List of Publications by Year
in descending order

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Version: 2024-02-01

30 papers	805 citations	623734 14 h-index	610901 24 g-index
30 all docs	30 docs citations	30 times ranked	1081 citing authors

#	Article	IF	Citations
1	Inhibition of Mammalian Mitochondrial Protein Synthesis by Oxazolidinones. Antimicrobial Agents and Chemotherapy, 2006, 50, 2042-2049.	3.2	233
2	Nonclinical and Pharmacokinetic Assessments To Evaluate the Potential of Tedizolid and Linezolid To Affect Mitochondrial Function. Antimicrobial Agents and Chemotherapy, 2015, 59, 178-185.	3.2	77
3	3â€²-Azido-3â€²-deoxythymidine (AZT) is a competitive inhibitor of thymidine phosphorylation in isolated rat heart and liver mitochondria. Biochemical Pharmacology, 2006, 72, 239-243.	4.4	58
4	Phosphorylation of Thymidine and AZT in Heart Mitochondria: Elucidation of a Novel Mechanism of AZT Cardiotoxicity. Cardiovascular Toxicology, 2004, 4, 155-168.	2.7	56
5	3â€²-Azido-3â€²-deoxythymidine (AZT) inhibits thymidine phosphorylation in isolated rat liver mitochondria: A possible mechanism of AZT hepatotoxicity. Biochemical Pharmacology, 2006, 71, 1342-1348.	4.4	50
6	Iejimalides A and B inhibit lysosomal vacuolar H⁺â€ATPase (Vâ€ATPase) activity and induce Sâ€phase arrest and apoptosis in MCFâ€7 cells. Journal of Cellular Biochemistry, 2010, 109, 634-642.	2.6	36
7	Zidovudine Inhibits Thymidine Phosphorylation in the Isolated Perfused Rat Heart. Antimicrobial Agents and Chemotherapy, 2007, 51, 1142-1149.	3.2	35
8	Origin of pyrimidine deoxyribonucleotide pools in perfused rat heart: implications for 3â€²-azido-3â€²-deoxythymidine-dependent cardiotoxicity. Biochemical Journal, 2009, 422, 513-520.	3.7	32
9	Kinetic properties of aspartate transport in rat heart mitochondrial inner membranes. Archives of Biochemistry and Biophysics, 1979, 195, 578-590.	3.0	27
10	Neutral-alkaline proteases and protein degradation in rat heart. Journal of Molecular and Cellular Cardiology, 1979, 11, 1033-1051.	1.9	24
11	Origin of Guanine Nucleotides in Isolated Heart Mitochondria. Biochemical and Biophysical Research Communications, 1999, 257, 466-472.	2.1	22
12	Regulation of Protein Synthesis and Degradation in Heart and Skeletal Muscle. , 1977, , 135-195.		21
13	Exhaled Aerosol Pattern Discloses Lung Structural Abnormality: A Sensitivity Study Using Computational Modeling and Fractal Analysis. PLoS ONE, 2014, 9, e104682.	2.5	20
14	Guanine nucleotide transport by atractyloside-sensitive and -insensitive carriers in isolated heart mitochondria. American Journal of Physiology - Cell Physiology, 2000, 279, C1870-C1879.	4.6	19
15	Distinctive Acid-Base Pattern in Wernickeâ€™s Encephalopathy. Annals of Emergency Medicine, 2007, 50, 722-725.	0.6	16
16	Long-term AZT Exposure Alters the Metabolic Capacity of Cultured Human Lymphoblastoid Cells. Toxicological Sciences, 2010, 115, 109-117.	3.1	13
17	[4] In Organello mitochondrial protein and RNA synthesis systems from Saccharomyces cereuisiae. Methods in Enzymology, 1996, 264, 36-42.	1.0	12
18	Heart Mitochondrial TTP Synthesis and the Compartmentalization of TMP. Journal of Biological Chemistry, 2015, 290, 2034-2041.	3.4	10

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19	Effects of Zidovudine and Stavudine on Mitochondrial DNA of Differentiating 3T3-F442a Cells Are Not Associated with Imbalanced Deoxynucleotide Pools. Antimicrobial Agents and Chemotherapy, 2009, 53, 1252-1255.	3.2	9
20	Effect of AZT on thymidine phosphorylation in cultured H9c2, U-937, and Raji cell lines. Biochemical Pharmacology, 2008, 75, 1610-1615.	4.4	7
21	Metabolism of deoxypyrimidines and deoxypyrimidine antiviral analogs in isolated brain mitochondria. Journal of Neurochemistry, 2012, 122, 126-137.	3.9	7
22	Export of Proteins from Mitochondria. Advances in Molecular and Cell Biology, 1996, , 247-280.	0.1	5
23	Pyrimidine deoxynucleoside and nucleoside reverse transcriptase inhibitor metabolism in the perfused heart and isolated mitochondria. Antiviral Therapy, 2010, 15, 587-597.	1.0	4
24	Effects of Zidovudine Treatment on Heart mRNA Expression and Mitochondrial DNA Copy Number Associated with Alterations in Deoxynucleoside Triphosphate Composition in a Neonatal Rat Model. Antimicrobial Agents and Chemotherapy, 2015, 59, 6328-6336.	3.2	4
25	Risk Analysis in Human Genetics - A Team-Based Learning Exercise. MedEdPORTAL: the Journal of Teaching and Learning Resources, 0, , .	1.2	4
26	Transfer RNA and Aminoacyl Transfer RNA in Developing Rats. Neonatology, 1976, 28, 27-35.	2.0	3
27	Assessing Mitochondrial Protein Synthesis in Drug Toxicity Screening. , 0, , 463-472.		1
28	Protein Structure in Medicine - A Team-Based Learning Exercise. MedEdPORTAL: the Journal of Teaching and Learning Resources, 0, , .	1.2	0
29	Applying Thermodynamics, Enzyme Kinetics, and pH in Medical Biochemistry - A Team-Based Learning Exercise. MedEdPORTAL: the Journal of Teaching and Learning Resources, 0, , .	1.2	0
30	Entecavir competitively inhibits deoxyguanosine and deoxyadenosine phosphorylation in isolated mitochondria and the perfused rat heart.. Journal of Biological Chemistry, 2022, , 101876.	3.4	0