

John G Wise

List of Publications by Year in descending order

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26
papers

1,124
citations

623188

14
h-index

580395

25
g-index

28
all docs

28
docs citations

28
times ranked

1116
citing authors

#	ARTICLE	IF	CITATIONS
1	The proton-ATPase of bacteria and mitochondria. <i>Journal of Membrane Biology</i> , 1983, 73, 105-124.	1.0	355
2	Targeted inhibitors of P-glycoprotein increase chemotherapeutic-induced mortality of multidrug resistant tumor cells. <i>Scientific Reports</i> , 2018, 8, 967.	1.6	189
3	Catalytic Transitions in the Human MDR1 P-Glycoprotein Drug Binding Sites. <i>Biochemistry</i> , 2012, 51, 5125-5141.	1.2	79
4	Purification of F1-ATPase with impaired catalytic activity from partial revertants of <i>Escherichia coli</i> uncA mutant strains. <i>Archives of Biochemistry and Biophysics</i> , 1984, 228, 49-53.	1.4	73
5	Multiple Drug Transport Pathways through Human P-Glycoprotein. <i>Biochemistry</i> , 2015, 54, 4374-4390.	1.2	67
6	Catalytic and noncatalytic nucleotide binding sites of the <i>Escherichia coli</i> F1-ATPase Amino acid sequences of β^2 -subunit tryptic peptides labeled with 2-azido-ATP. <i>FEBS Letters</i> , 1987, 223, 395-401.	1.3	61
7	The cell cycle as a therapeutic target against <i>Trypanosoma brucei</i> : Hesperadin inhibits Aurora kinase and blocks mitotic progression in bloodstream forms. <i>Molecular Microbiology</i> , 2009, 72, 442-458.	1.2	44
8	Conversion of λ phage Cro into an operator-specific nuclease. <i>Journal of the American Chemical Society</i> , 1991, 113, 5446-5447.	6.6	42
9	Intein-mediated fusion expression, high efficient refolding, and one-step purification of gelonin toxin. <i>Protein Expression and Purification</i> , 2004, 37, 361-367.	0.6	37
10	In Silico Screening for Inhibitors of P-Glycoprotein That Target the Nucleotide Binding Domains. <i>Molecular Pharmacology</i> , 2014, 86, 716-726.	1.0	23
11	Novel immunotoxin: A fusion protein consisting of gelonin and an acetylcholine receptor fragment as a potential immunotherapeutic agent for the treatment of Myasthenia gravis. <i>Protein Expression and Purification</i> , 2006, 46, 73-84.	0.6	21
12	The Subunit b Dimer of the FoF1-ATP Synthase. <i>Journal of Biological Chemistry</i> , 2004, 279, 49074-49081.	1.6	19
13	Transport of Alzheimer's associated amyloid- β^2 catalyzed by P-glycoprotein. <i>PLoS ONE</i> , 2021, 16, e0250371.	1.1	19
14	Optimizing Targeted Inhibitors of P-Glycoprotein Using Computational and Structure-Guided Approaches. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 10645-10663.	2.9	17
15	Structure of the Cytosolic Part of the Subunit b-Dimer of <i>Escherichia coli</i> FOF1-ATP Synthase. <i>Biophysical Journal</i> , 2008, 94, 5053-5064.	0.2	14
16	Prolonged inhibition of P-glycoprotein after exposure to chemotherapeutics increases cell mortality in multidrug resistant cultured cancer cells. <i>PLoS ONE</i> , 2019, 14, e0217940.	1.1	14
17	Subunit b-Dimer of the <i>Escherichia coli</i> ATP Synthase Can Form Left-Handed Coiled-Coils. <i>Biophysical Journal</i> , 2008, 94, 5040-5052.	0.2	12
18	In silico identified targeted inhibitors of P-glycoprotein overcome multidrug resistance in human cancer cells in culture. <i>Pharmacology Research and Perspectives</i> , 2015, 3, e00170.	1.1	12

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19	Combinatorial Redesign of the DNA Binding Specificity of a Prokaryotic Helix-Turn-Helix Repressor. <i>Journal of Bacteriology</i> , 2003, 185, 475-481.	1.0	5
20	De-novo modeling and ESR validation of a cyanobacterial FoF1 ATP synthase subunit bbâ€² left-handed coiled coil. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2009, 1787, 183-190.	0.5	5
21	Cationic branched polymers for cellular delivery of negatively charged cargo. <i>Journal of Drug Delivery Science and Technology</i> , 2017, 39, 324-333.	1.4	5
22	Synthesis of a pH-sensitive spin-labeled cyclohexylcarbodiimide derivative for probing protonation reactions in proton-pumping enzymes. <i>Tetrahedron</i> , 1996, 52, 5783-5792.	1.0	4
23	Conformational changes in the Escherichia coli ATP synthase b-dimer upon binding to F1-ATPase. <i>Journal of Bioenergetics and Biomembranes</i> , 2008, 40, 551-559.	1.0	3
24	Accommodating Discontinuities in Dimeric Left-Handed Coiled Coils in ATP Synthase External Stalks. <i>Biophysical Journal</i> , 2009, 96, 2823-2831.	0.2	2
25	Transport Dynamics of MtrD: An RND Multidrug Efflux Pump from <i>Neisseria gonorrhoeae</i> . <i>Biochemistry</i> , 2021, 60, 3098-3113.	1.2	2
26	Demonstration of Antibiotic Transport by the MtrD Efflux Pump from <i>Neisseria Gonorrhoeae</i> . <i>Biophysical Journal</i> , 2021, 120, 131a.	0.2	0