

Deborah A Court

List of Publications by Year in descending order

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43
papers

1,425
citations

394421

19
h-index

330143

37
g-index

46
all docs

46
docs citations

46
times ranked

1233
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondrial and Cytosolic Branched-chain Amino Acid Transaminases from Yeast, Homologs of the myc Oncogene-regulated Eca39 Protein. <i>Journal of Biological Chemistry</i> , 1996, 271, 24458-24464.	3.4	146
2	An extrachromosomal plasmid is the etiological precursor of kalDNA insertion sequences in the mitochondrial chromosome of senescent neurospora. <i>Cell</i> , 1986, 47, 829-837.	28.9	126
3	The evolutionary history of mitochondrial porins. <i>BMC Evolutionary Biology</i> , 2007, 7, 31.	3.2	118
4	The kalilo linear senescence-inducing plasmid of Neurospora is an invertron and encodes DNA and RNA polymerases. <i>Current Genetics</i> , 1991, 20, 225-237.	1.7	108
5	A new senescence-inducing mitochondrial linear plasmid in field-isolated Neurospora crassa strains from India. <i>Current Genetics</i> , 1991, 19, 129-137.	1.7	98
6	Tom71, a Novel Homologue of the Mitochondrial Preprotein Receptor Tom70. <i>Journal of Biological Chemistry</i> , 1996, 271, 17890-17895.	3.4	82
7	The Role of the N and C Termini of Recombinant Neurospora Mitochondrial Porin in Channel Formation and Voltage-dependent Gating. <i>Journal of Biological Chemistry</i> , 1996, 271, 13593-13599.	3.4	74
8	Genetic organization and structural features of maranhar, a senescence-inducing linear mitochondrial plasmid of Neurospora crassa. <i>Current Genetics</i> , 1992, 22, 385-397.	1.7	69
9	Heterokaryotic transmission of senescence plasmid DNA in Neurospora. <i>Current Genetics</i> , 1990, 17, 139-145.	1.7	66
10	Evaluating Environmental Persistence and Disinfection of the Ebola Virus Makona Variant. <i>Viruses</i> , 2015, 7, 1975-1986.	3.3	60
11	Role of the N- and C-termini of porin in import into the outer membrane of Neurospora mitochondria. <i>FEBS Letters</i> , 1996, 390, 73-77.	2.8	42
12	Phylogenetic and coevolutionary analysis of the β -barrel protein family comprised of mitochondrial porin (VDAC) and Tom40. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2012, 1818, 1502-1519.	2.6	42
13	An Import Signal in the Cytosolic Domain of the Neurospora Mitochondrial Outer Membrane Protein TOM22. <i>Journal of Biological Chemistry</i> , 1998, 273, 11527-11532.	3.4	38
14	Effects of the S288c genetic background and common auxotrophic markers on mitochondrial DNA function in <i>Saccharomyces cerevisiae</i> . <i>Yeast</i> , 2008, 25, 903-912.	1.7	38
15	The N-terminus of VDAC: Structure, mutational analysis, and a potential role in regulating barrel shape. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016, 1858, 1350-1361.	2.6	34
16	Origami in the outer membrane: the transmembrane arrangement of mitochondrial porins. <i>Biochemistry and Cell Biology</i> , 2002, 80, 551-562.	2.0	30
17	The kalilo senescence plasmid of Neurospora intermedia has covalently-linked 5' terminal proteins. <i>Current Genetics</i> , 1990, 17, 195-201.	1.7	27
18	Origami in outer membrane mimetics: correlating the first detailed images of refolded VDAC with over 20 years of biochemical data. <i>Biochemistry and Cell Biology</i> , 2010, 88, 425-438.	2.0	21

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19	The protein import apparatus of the mitochondrial outer membrane. <i>Canadian Journal of Botany</i> , 1995, 73, 193-197.	1.1	19
20	Deletion Variants of <i>Neurospora</i> Mitochondrial Porin: Electrophysiological and Spectroscopic Analysis. <i>Biophysical Journal</i> , 2006, 90, 3155-3164.	0.5	19
21	Functional characterization of the conserved "GLK" motif in mitochondrial porin from <i>Neurospora crassa</i> . <i>Journal of Bioenergetics and Biomembranes</i> , 2000, 32, 563-570.	2.3	14
22	The carboxyl-terminal extension on fungal mitochondrial DNA polymerases: identification of a critical region of the enzyme from <i>Saccharomyces cerevisiae</i> . <i>Yeast</i> , 2006, 23, 101-116.	1.7	14
23	Identification and initial characterization of the cytosolic protein Ycr77p. <i>Yeast</i> , 1995, 11, 581-585.	1.7	12
24	The generation of a reverse genetics system for Kyasanur Forest Disease Virus and the ability to antagonize the induction of the antiviral state in vitro. <i>Virus Research</i> , 2012, 163, 431-438.	2.2	12
25	Mitochondrial dysfunction resulting from the absence of mitochondrial porin in <i>Neurospora crassa</i> . <i>Mitochondrion</i> , 2012, 12, 220-229.	3.4	12
26	Expression of the Open Reading Frames of a Senescence-Inducing, Linear Mitochondrial Plasmid of <i>Neurospora crassa</i> . <i>Plasmid</i> , 1993, 30, 51-66.	1.4	11
27	Two-Step Folding of Recombinant Mitochondrial Porin in Detergent. <i>Biophysical Journal</i> , 2008, 94, 457-468.	0.5	10
28	Rapid one-step construction of a Middle East Respiratory Syndrome (MERS-CoV) infectious clone system by homologous recombination. <i>Journal of Virological Methods</i> , 2016, 236, 178-183.	2.1	10
29	Functional characterization of an N-terminally-truncated mitochondrial porin expressed in <i>Neurospora crassa</i> . <i>Canadian Journal of Microbiology</i> , 2017, 63, 730-738.	1.7	10
30	Nucleotide sequence of the exons of the large subunit rRNA of <i>Neurospora crassa</i> mitochondria. <i>Nucleic Acids Research</i> , 1990, 18, 7440-7440.	14.5	9
31	Limited Effects of Type I Interferons on Kyasanur Forest Disease Virus in Cell Culture. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004871.	3.0	9
32	A method for sequencing uncloned termini of linear plasmids. <i>Nucleic Acids Research</i> , 1991, 19, 1714-1714.	14.5	8
33	The influence of sterols on the conformation of recombinant mitochondrial porin in detergent. <i>Biochemistry and Cell Biology</i> , 2008, 86, 539-545.	2.0	7
34	A Cholesterol Analog Induces an Oligomeric Reorganization of VDAC. <i>Biophysical Journal</i> , 2019, 116, 847-859.	0.5	7
35	A deletion variant partially complements a porin-less strain of <i>Neurospora crassa</i> . <i>Biochemistry and Cell Biology</i> , 2017, 95, 318-327.	2.0	5
36	Increased reactive oxygen species production and maintenance of membrane potential in VDAC-less <i>Neurospora crassa</i> mitochondria. <i>Journal of Bioenergetics and Biomembranes</i> , 2019, 51, 341-354.	2.3	4

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37	Characterization of the <i>Enterobacter</i> Phage vB_EcIM_CIP9. Microbiology Resource Announcements, 2020, 9, .	0.6	4
38	Effects of ergosterol on the structure and activity of <i>Neurospora</i> mitochondrial porin in liposomes. Canadian Journal of Microbiology, 2009, 55, 1275-1283.	1.7	3
39	Development of a subgenomic clone system for Kyasanur Forest disease virus. Ticks and Tick-borne Diseases, 2016, 7, 1047-1051.	2.7	2
40	A C-Terminally Truncated Variant of <i>Neurospora crassa</i> VDAC Assembles Into a Partially Functional Form in the Mitochondrial Outer Membrane and Forms Multimers in vitro. Frontiers in Physiology, 2021, 12, 739001.	2.8	2
41	Proteomic Shifts Reflecting Oxidative Stress and Reduced Capacity for Protein Synthesis, and Alterations to Mitochondrial Membranes in <i>Neurospora crassa</i> Lacking VDAC. Microorganisms, 2022, 10, 198.	3.6	2
42	A non-radioactive DNA synthesis assay demonstrates that elements of the Sigma 1278b Mip1 mitochondrial DNA polymerase domain and C-terminal extension facilitate robust enzyme activity. Yeast, 2021, 38, 262-275.	1.7	1
43	In silico analysis of coevolution among ERMES proteins, Pex11, and Lam6. Canadian Journal of Microbiology, 2017, 63, 984-997.	1.7	0