

Arnaldo Videira

List of Publications by Year in descending order

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73
papers

1,974
citations

201674

27
h-index

289244

40
g-index

73
all docs

73
docs citations

73
times ranked

1983
citing authors

#	ARTICLE	IF	CITATIONS
1	Complex I from the fungus <i>Neurospora crassa</i> . <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1998, 1364, 89-100.	1.0	94
2	Regulated Forms of Cell Death in Fungi. <i>Frontiers in Microbiology</i> , 2017, 8, 1837.	3.5	90
3	Supramolecular Organization of the Respiratory Chain in <i>Neurospora crassa</i> Mitochondria. <i>Eukaryotic Cell</i> , 2007, 6, 2391-2405.	3.4	88
4	From NADH to ubiquinone in <i>Neurospora</i> mitochondria. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2002, 1555, 187-191.	1.0	83
5	The External Calcium-dependent NADPH Dehydrogenase from <i>Neurospora crassa</i> Mitochondria. <i>Journal of Biological Chemistry</i> , 2001, 276, 3947-3951.	3.4	70
6	New findings of <i>Neurospora</i> in Europe and comparisons of diversity in temperate climates on continental scales. <i>Mycologia</i> , 2006, 98, 550-559.	1.9	64
7	Bovine Mastitis Associated with <i>Prototheca blaschkeae</i> . <i>Journal of Clinical Microbiology</i> , 2008, 46, 1941-1945.	3.9	64
8	Immunoprotection against systemic candidiasis in mice. <i>International Immunology</i> , 1995, 7, 785-796.	4.0	54
9	Primary structure and expression of a nuclear-coded subunit of complex I homologous to proteins specified by the chloroplast genome. <i>Biochemical and Biophysical Research Communications</i> , 1990, 171, 1168-1174.	2.1	51
10	Composition of complex I from <i>Neurospora crassa</i> and disruption of two "accessory" subunits. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2005, 1707, 211-220.	1.0	49
11	Assembly kinetics and identification of precursor proteins of complex I from <i>Neurospora crassa</i> . <i>FEBS Journal</i> , 1989, 181, 493-502.	0.2	48
12	Enolase from <i>Streptococcus sobrinus</i> an immunosuppressive protein. <i>Cellular Microbiology</i> , 2004, 6, 79-88.	2.1	47
13	Identification of the polypeptide encoded by the URF-1 gene of <i>Neurospora crassa</i> mtDNA. <i>FEBS Journal</i> , 1985, 150, 447-454.	0.2	45
14	Syndromes associated with mitochondrial DNA depletion. <i>Italian Journal of Pediatrics</i> , 2014, 40, 34.	2.6	45
15	Primary structure and characterisation of a 64 kDa NADH dehydrogenase from the inner membrane of <i>Neurospora crassa</i> mitochondria. The sequence data have been submitted to the EMBL Data Library under the accession number AJ236906.1. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1999, 1412, 282-287.	1.0	44
16	Progressive cavitating leukoencephalopathy associated with respiratory chain complex I deficiency and a novel mutation in <i>NDUFS1</i> . <i>Neurogenetics</i> , 2011, 12, 9-17.	1.4	43
17	Disruption of iron-sulphur cluster N2 from NADH:ubiquinone oxidoreductase by site-directed mutagenesis. <i>Biochemical Journal</i> , 2002, 364, 833-839.	3.7	42
18	On complex I and other NADH:ubiquinone reductases of <i>Neurospora crassa</i> mitochondria. , 2001, 33, 197-203.		38

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19	Increased Resistance of Complex I Mutants to Phytosphingosine-induced Programmed Cell Death. <i>Journal of Biological Chemistry</i> , 2008, 283, 19314-19321.	3.4	38
20	The main external alternative NAD(P)H dehydrogenase of <i>Neurospora crassa</i> mitochondria. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2004, 1608, 45-52.	1.0	36
21	Involvement of p53 in cell death following cell cycle arrest and mitotic catastrophe induced by rotenone. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2011, 1813, 492-499.	4.1	36
22	The internal alternative NADH dehydrogenase of <i>Neurospora crassa</i> mitochondria. <i>Biochemical Journal</i> , 2003, 371, 1005-1011.	3.7	33
23	Oral Therapeutic Vaccination with <i>Streptococcus sobrinus</i> Recombinant Enolase Confers Protection against Dental Caries in Rats. <i>Journal of Infectious Diseases</i> , 2009, 199, 116-123.	4.0	33
24	Orthovanadate-induced cell death in RET/PTC1-harboring cancer cells involves the activation of caspases and altered signaling through PI3K/Akt/mTOR. <i>Life Sciences</i> , 2011, 89, 371-377.	4.3	33
25	The 24-kDa iron-sulphur subunit of complex I is required for enzyme activity. <i>FEBS Journal</i> , 1999, 265, 86-93.	0.2	30
26	Respiratory Chain Complex I Is Essential for Sexual Development in <i>Neurospora</i> and Binding of Iron Sulfur Clusters Are Required for Enzyme Assembly. <i>Genetics</i> , 2000, 156, 607-615.	2.9	30
27	Inactivation of the gene coding for the 30.4-kDa subunit of respiratory chain NADH dehydrogenase: is the enzyme essential for <i>Neurospora</i> ?. <i>Molecular Genetics and Genomics</i> , 1998, 257, 368-375.	2.4	29
28	Rotenone Enhances the Antifungal Properties of Staurosporine. <i>Eukaryotic Cell</i> , 2010, 9, 906-914.	3.4	28
29	The External Alternative NAD(P)H Dehydrogenase NDE3 Is Localized both in the Mitochondria and in the Cytoplasm of <i>Neurospora crassa</i> . <i>Journal of Molecular Biology</i> , 2007, 368, 1114-1121.	4.2	27
30	Novel Insights into the Role of <i>Neurospora crassa</i> NDUFAF2, an Evolutionarily Conserved Mitochondrial Complex I Assembly Factor. <i>Molecular and Cellular Biology</i> , 2013, 33, 2623-2634.	2.3	25
31	Primary structure, in vitro expression and import into mitochondria of a 2921-KDA subunit of complex I from <i>Neurospora crassa</i> . <i>Biochemical and Biophysical Research Communications</i> , 1990, 166, 280-285.	2.1	24
32	Transcriptional analysis of the response of <i>Neurospora crassa</i> to phytosphingosine reveals links to mitochondrial function. <i>Microbiology (United Kingdom)</i> , 2009, 155, 3134-3141.	1.8	23
33	Disruption of the gene encoding the 78-kilodalton subunit of the peripheral arm of complex I in <i>Neurospora crassa</i> by repeat induced point mutation (RIP). <i>Current Genetics</i> , 1995, 27, 339-350.	1.7	22
34	Primary structure of a ferredoxin-like iron-sulfur subunit of complex I from <i>Neurospora crassa</i> . <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1996, 1275, 151-153.	1.0	21
35	The 9.8 kDa Subunit of Complex I, Related to Bacterial Na ⁺ -translocating NADH Dehydrogenases, is Required for Enzyme Assembly and Function in <i>Neurospora crassa</i> . <i>Journal of Molecular Biology</i> , 2003, 329, 283-290.	4.2	21
36	Effects of mitochondrial complex III disruption in the respiratory chain of <i>Neurospora crassa</i> . <i>Molecular Microbiology</i> , 2009, 72, 246-258.	2.5	21

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37	Effects of disrupting the 21 kDa subunit of complex I from <i>Neurospora crassa</i> . <i>Biochemical Journal</i> , 1999, 342, 551-554.	3.7	20
38	Modulation of fungal sensitivity to staurosporine by targeting proteins identified by transcriptional profiling. <i>Fungal Genetics and Biology</i> , 2011, 48, 1130-1138.	2.1	19
39	Purification, and biochemical and biological characterization of an immunosuppressive and lymphocyte mitogenic protein secreted by <i>Streptococcus sobrinus</i> . <i>International Immunology</i> , 1997, 9, 1735-1743.	4.0	18
40	Complementary DNA sequences of the 24 kDa and 21 kDa subunits of complex I from <i>Neurospora</i> . <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1994, 1188, 159-161.	1.0	17
41	The 29.9 kDa Subunit of Mitochondrial Complex I is Involved in the Enzyme Active/De-active Transitions. <i>Journal of Molecular Biology</i> , 2005, 351, 327-333.	4.2	16
42	CZT-1 Is a Novel Transcription Factor Controlling Cell Death and Natural Drug Resistance in <i>Neurospora crassa</i> . <i>G3: Genes, Genomes, Genetics</i> , 2014, 4, 1091-1102.	1.8	16
43	Activation of a TRP-like channel and intracellular calcium dynamics during phospholipase C-mediated cell death. <i>Journal of Cell Science</i> , 2014, 127, 3817-29.	2.0	16
44	The membrane domain of complex I is not assembled in the stopper mutant E35 of <i>Neurospora</i> . <i>Biochemistry and Cell Biology</i> , 1998, 76, 139-143.	2.0	15
45	Characterization of a membrane fragment of respiratory chain complex I from <i>Neurospora crassa</i> . Insights on the topology of the ubiquinone-binding site. <i>International Journal of Biochemistry & Cell Biology</i> , 1994, 26, 505-510.	0.5	14
46	NADH dehydrogenase in <i>Neurospora crassa</i> contains myristic acid covalently linked to the ND5 subunit peptide. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2000, 1495, 223-230.	4.1	14
47	<i>Neurospora</i> Strains Harboring Mitochondrial Disease-Associated Mutations in Iron-Sulfur Subunits of Complex I. <i>Genetics</i> , 2005, 171, 91-99.	2.9	14
48	Reduced glutathione export during programmed cell death of <i>Neurospora crassa</i> . <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2013, 18, 940-948.	4.9	14
49	Involvement of mitochondrial proteins in calcium signaling and cell death induced by staurosporine in <i>Neurospora crassa</i> . <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2015, 1847, 1064-1074.	1.0	14
50	Characterization of Apoptosis-Related Oxidoreductases from <i>Neurospora crassa</i> . <i>PLoS ONE</i> , 2012, 7, e34270.	2.5	14
51	FKBP22 is part of chaperone/folding catalyst complexes in the endoplasmic reticulum of <i>Neurospora crassa</i> . <i>FEBS Letters</i> , 2007, 581, 2036-2040.	2.8	13
52	Disruption of alternative NAD(P)H dehydrogenases leads to decreased mitochondrial ROS in <i>Neurospora crassa</i> . <i>Free Radical Biology and Medicine</i> , 2012, 52, 402-409.	2.9	13
53	A Novel SUCLA2 Mutation in a Portuguese Child Associated With Methylmalonic Aciduria. <i>Journal of Child Neurology</i> , 2015, 30, 228-232.	1.4	13
54	Two nuclear-coded subunits of mitochondrial complex I are similar to different domains of a bacterial formate hydrogenlyase subunit. <i>International Journal of Biochemistry & Cell Biology</i> , 1994, 26, 1391-1393.	0.5	12

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55	Reorganization of plasma membrane lipid domains during conidial germination. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2017, 1862, 156-166.	2.4	12
56	Identification of the TYKY homologous subunit of complex I from <i>Neurospora crassa</i> . <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1997, 1322, 237-241.	1.0	11
57	Identification of all FK506-binding proteins from <i>Neurospora crassa</i> . <i>Fungal Genetics and Biology</i> , 2008, 45, 1600-1607.	2.1	11
58	Transcription profiling of the <i>Neurospora crassa</i> response to a group of synthetic (thio)xanthenes and a natural acetophenone. <i>Genomics Data</i> , 2015, 4, 26-32.	1.3	11
59	Synergistic growth inhibition of cancer cells harboring the RET/PTC1 oncogene by staurosporine and rotenone involves enhanced cell death. <i>Journal of Biosciences</i> , 2011, 36, 639-648.	1.1	10
60	Changes in the Biophysical Properties of the Cell Membrane Are Involved in the Response of <i>Neurospora crassa</i> to Staurosporine. <i>Frontiers in Physiology</i> , 2018, 9, 1375.	2.8	10
61	Mitochondrial type II NAD(P)H dehydrogenases in fungal cell death. <i>Microbial Cell</i> , 2015, 2, 68-73.	3.2	10
62	Characterisation of the last Fe-S cluster-binding subunit of <i>Neurospora crassa</i> complex I. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1999, 1411, 142-146.	1.0	8
63	Extracellular calcium triggers unique transcriptional programs and modulates staurosporine-induced cell death in <i>Neurospora crassa</i> . <i>Microbial Cell</i> , 2014, 1, 289-302.	3.2	8
64	Primary structure of the nuclear-encoded 10.5 kDa subunit of complex I from <i>Neurospora crassa</i> . <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1993, 1172, 327-328.	2.4	6
65	Role of the Conserved Cysteine Residues of the 11.5 kDa Subunit in Complex I Catalytic Properties. <i>Journal of Biochemistry</i> , 2007, 141, 489-493.	1.7	6
66	Programmed Cell Death in <i>Neurospora crassa</i> . <i>New Journal of Science</i> , 2014, 2014, 1-7.	1.0	6
67	Effects of disrupting the 21 kDa subunit of complex I from <i>Neurospora crassa</i> . <i>Biochemical Journal</i> , 1999, 342, 551.	3.7	6
68	Molecular Evolution of DNA Topoisomerase III Beta (TOP3B) in Metazoa. <i>Journal of Molecular Evolution</i> , 2021, 89, 384-395.	1.8	5
69	Evolutionary History of TOPIIA Topoisomerases in Animals. <i>Journal of Molecular Evolution</i> , 2022, 90, 149-165.	1.8	5
70	Identification of NAD + Synthetase from <i>Streptococcus sobrinus</i> as a B-Cell-Stimulatory Protein. <i>Journal of Bacteriology</i> , 2004, 186, 419-426.	2.2	4
71	The Fungal Cell Death Regulator <i>czt-1</i> Is Allelic to <i>acr-3</i> . <i>Journal of Fungi (Basel, Switzerland)</i> , 2019, 5, 114.	3.5	3
72	Defective valyl-tRNA synthetase hampers the mitochondrial respiratory chain in <i>Neurospora crassa</i> . <i>Biochemical Journal</i> , 2012, 448, 297-306.	3.7	1

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73	Disruption of the nuclear gene encoding the 20.8-kDa subunit of NADH:ubiquinone reductase of <i>Neurospora</i> mitochondria. <i>Molecular Genetics and Genomics</i> , 1996, 252, 177-183.	2.4	0