

Akemi Matsuno-Yagi

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,491
citations

471509

17
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

1318
citing authors

#	ARTICLE	IF	CITATIONS
1	Six unidentified reading frames of human mitochondrial DNA encode components of the respiratory-chain NADH dehydrogenase. <i>Nature</i> , 1985, 314, 592-597.	27.8	538
2	Molecular remedy of complex I defects: Rotenone-insensitive internal NADH-quinone oxidoreductase of <i>Saccharomyces cerevisiae</i> mitochondria restores the NADH oxidase activity of complex I-deficient mammalian cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 9167-9171.	7.1	167
3	Protection by the NDI1 Gene against Neurodegeneration in a Rotenone Rat Model of Parkinson's Disease. <i>PLoS ONE</i> , 2008, 3, e1433.	2.5	94
4	Successful Amelioration of Mitochondrial Optic Neuropathy Using the Yeast NDI1 Gene in a Rat Animal Model. <i>PLoS ONE</i> , 2010, 5, e11472.	2.5	77
5	The single subunit NADH dehydrogenase reduces generation of reactive oxygen species from complex I. <i>FEBS Letters</i> , 2006, 580, 6105-6108.	2.8	74
6	In Vivo Complementation of Complex I by the Yeast Ndi1 Enzyme. <i>Journal of Biological Chemistry</i> , 2006, 281, 14250-14255.	3.4	72
7	Mechanism of Cell Death Caused by Complex I Defects in a Rat Dopaminergic Cell Line. <i>Journal of Biological Chemistry</i> , 2007, 282, 24146-24156.	3.4	72
8	Parkinson's disease and mitochondrial complex I: a perspective on the Ndi1 therapy. <i>Journal of Bioenergetics and Biomembranes</i> , 2009, 41, 493-497.	2.3	60
9	A Single-Subunit NADH-Quinone Oxidoreductase Renders Resistance to Mammalian Nerve Cells against Complex I Inhibition. <i>Molecular Therapy</i> , 2002, 6, 336-341.	8.2	47
10	Can a Single Subunit Yeast NADH Dehydrogenase (Ndi1) Remedy Diseases Caused by Respiratory Complex I Defects?. <i>Rejuvenation Research</i> , 2006, 9, 191-197.	1.8	38
11	Possibility of transkingdom gene therapy for Complex I diseases. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2006, 1757, 708-714.	1.0	38
12	Neuroprotective Effect of Long-term NDI1 Gene Expression in a Chronic Mouse Model of Parkinson Disorder. <i>Rejuvenation Research</i> , 2009, 12, 259-267.	1.8	36
13	Functional Expression of the Single Subunit NADH Dehydrogenase in Mitochondria In Vivo: A Potential Therapy for Complex I Deficiencies. <i>Human Gene Therapy</i> , 2004, 15, 887-895.	2.7	34
14	The multiple nicotinamide nucleotide-binding subunits of bovine heart mitochondrial NADH:ubiquinone oxidoreductase (complex I). <i>FEBS Journal</i> , 2000, 267, 329-336.	0.2	33
15	Functional Expression of the Single Subunit NADH Dehydrogenase in Mitochondria In Vivo: A Potential Therapy for Complex I Deficiencies. <i>Human Gene Therapy</i> , 2004, 15, 887-895.	2.7	30
16	A phenotypic model recapitulating the neuropathology of Parkinson's disease. <i>Brain and Behavior</i> , 2013, 3, 351-366.	2.2	26
17	Electron Transfer in Subunit Nuol (TYKY) of <i>Escherichia coli</i> NADH:Quinone Oxidoreductase (NDH-1). <i>Journal of Biological Chemistry</i> , 2012, 287, 17363-17373.	3.4	17
18	No Immune Responses by the Expression of the Yeast Ndi1 Protein in Rats. <i>PLoS ONE</i> , 2011, 6, e25910.	2.5	16

#	ARTICLE	IF	CITATIONS
19	Protective Role of rAAV-ND11, Serotype 5, in an Acute MPTP Mouse Parkinson's Model. Parkinson's Disease, 2011, 2011, 1-10.	1.1	15
20	Long-term evaluation of Leber's hereditary optic neuropathy-like symptoms in rotenone administered rats. Neuroscience Letters, 2015, 585, 171-176.	2.1	7