

Yasushi Enokido

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

45
papers

2,707
citations

30
h-index

47
g-index

47
ext. papers

2,851
ext. citations

5.4
avg. IF

4.09
L-index

#	Paper	IF	Citations
45	Cystathionine beta-synthase, a key enzyme for homocysteine metabolism, is preferentially expressed in the radial glia/astrocyte lineage of developing mouse CNS. <i>FASEB Journal</i> , 2005 , 19, 1854-6 ^{0.9}		182
44	Brain-derived neurotrophic factor (BDNF) can prevent apoptosis of rat cerebellar granule neurons in culture. <i>Developmental Brain Research</i> , 1995 , 85, 249-58		164
43	Changes in mitochondrial membrane potential during oxidative stress-induced apoptosis in PC12 cells. <i>Journal of Neuroscience Research</i> , 1997 , 50, 413-20	4.4	161
42	Interaction between mutant ataxin-1 and PQBP-1 affects transcription and cell death. <i>Neuron</i> , 2002 , 34, 701-13	13.9	159
41	Cytokine-induced nuclear factor kappa B activation promotes the survival of developing neurons. <i>Journal of Cell Biology</i> , 2000 , 148, 325-32	7.3	123
40	Involvement of p53 in DNA strand break-induced apoptosis in postmitotic CNS neurons. <i>European Journal of Neuroscience</i> , 1996 , 8, 1812-21	3.5	120
39	Abnormal lipid metabolism in cystathionine beta-synthase-deficient mice, an animal model for hyperhomocysteinemia. <i>Journal of Biological Chemistry</i> , 2004 , 279, 52961-9	5.4	111
38	Cystathionine beta-synthase is enriched in the brains of Down's patients. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 338, 1547-50	3.4	107
37	Survival factor-insensitive generation of reactive oxygen species induced by serum deprivation in neuronal cells. <i>Brain Research</i> , 1996 , 733, 9-14	3.7	106
36	p53 involves cytosine arabinoside-induced apoptosis in cultured cerebellar granule neurons. <i>Neuroscience Letters</i> , 1996 , 203, 1-4	3.3	104
35	Generation of reactive oxygen species, release of L-glutamate and activation of caspases are required for oxygen-induced apoptosis of embryonic hippocampal neurons in culture. <i>Brain Research</i> , 1999 , 824, 71-80	3.7	89
34	Mutant huntingtin impairs Ku70-mediated DNA repair. <i>Journal of Cell Biology</i> , 2010 , 189, 425-43	7.3	86
33	Generation of free radicals during lipid hydroperoxide-triggered apoptosis in PC12h cells. <i>Lipids and Lipid Metabolism</i> , 1997 , 1345, 35-42		86
32	Proteome analysis of soluble nuclear proteins reveals that HMGB1/2 suppress genotoxic stress in polyglutamine diseases. <i>Nature Cell Biology</i> , 2007 , 9, 402-14	23.4	82
31	Signaling pathways and survival effects of BDNF and NT-3 on cultured cerebellar granule cells. <i>Developmental Brain Research</i> , 1996 , 97, 42-50		81
30	Transcriptional repression induces a slowly progressive atypical neuronal death associated with changes of YAP isoforms and p73. <i>Journal of Cell Biology</i> , 2006 , 172, 589-604	7.3	73
29	The induction levels of heat shock protein 70 differentiate the vulnerabilities to mutant huntingtin among neuronal subtypes. <i>Journal of Neuroscience</i> , 2007 , 27, 868-80	6.6	67

28	MOCA induces membrane spreading by activating Rac1. <i>Journal of Biological Chemistry</i> , 2004 , 279, 14331-7	5.7	67
27	Age-dependent change of HMGB1 and DNA double-strand break accumulation in mouse brain. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 376, 128-33	3.4	62
26	Basic fibroblast growth factor rescues CNS neurons from cell death caused by high oxygen atmosphere in culture. <i>Brain Research</i> , 1992 , 599, 261-71	3.7	58
25	Involvement of phosphatidylinositol-3 kinase in prevention of low K(+)-induced apoptosis of cerebellar granule neurons. <i>Developmental Brain Research</i> , 1997 , 101, 197-206		54
24	Gram positive bacteria induce IL-6 and IL-8 production in human alveolar macrophages and epithelial cells. <i>Cellular and Molecular Neurobiology</i> , 1999 , 23, 217-30	4.6	52
23	Epidermal growth factor prevents oxygen-triggered apoptosis and induces sustained signalling in cultured rat cerebral cortical neurons. <i>European Journal of Neuroscience</i> , 1995 , 7, 2130-8	3.5	50
22	Production of reactive oxygen species and release of L-glutamate during superoxide anion-induced cell death of cerebellar granule neurons. <i>Journal of Neurochemistry</i> , 1998 , 70, 316-24	6	47
21	Regulation of Bax translocation through phosphorylation at Ser-70 of Bcl-2 by MAP kinase in NO-induced neuronal apoptosis. <i>Molecular and Cellular Neurosciences</i> , 2003 , 24, 451-9	4.8	47
20	Changes in c-Jun but not Bcl-2 family proteins in p53-dependent apoptosis of mouse cerebellar granule neurons induced by DNA damaging agent bleomycin. <i>Brain Research</i> , 1998 , 794, 239-47	3.7	39
19	High oxygen atmosphere for neuronal cell culture with nerve growth factor. II. Survival and growth of clonal rat pheochromocytoma PC12h cells. <i>Brain Research</i> , 1990 , 536, 23-9	3.7	35
18	Oxygen toxicity induces apoptosis in neuronal cells. <i>Cellular and Molecular Neurobiology</i> , 1998 , 18, 649-66	4.6	34
17	Oxygen-induced apoptosis in PC12 cells with special reference to the role of Bcl-2. <i>Brain Research</i> , 1996 , 733, 175-83	3.7	32
16	In vitro model of hypoxia: basic fibroblast growth factor can rescue cultured CNS neurons from oxygen-deprived cell death. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1993 , 13, 1029-32	7.3	31
15	Niemann-Pick disease type C1 predominantly involving the frontotemporal region, with cortical and brainstem Lewy bodies: an autopsy case. <i>Neuropathology</i> , 2014 , 34, 49-57	2	29
14	Omi / HtrA2 is relevant to the selective vulnerability of striatal neurons in Huntington's disease. <i>European Journal of Neuroscience</i> , 2008 , 28, 30-40	3.5	21
13	Upregulation and antiapoptotic role of endogenous Alzheimer amyloid precursor protein in dorsal root ganglion neurons. <i>Experimental Cell Research</i> , 2003 , 286, 241-51	4.2	20
12	Hepatoma-derived growth factor, a new trophic factor for motor neurons, is up-regulated in the spinal cord of PQBP-1 transgenic mice before onset of degeneration. <i>Journal of Neurochemistry</i> , 2006 , 99, 70-83	6	19
11	Loss of the xeroderma pigmentosum group A gene (XPA) enhances apoptosis of cultured cerebellar neurons induced by UV but not by low-K+ medium. <i>Journal of Neurochemistry</i> , 1997 , 69, 246-51	6	17

10	Flow cytometric analysis of serum deprivation-induced apoptosis of PC12 cells, with special reference to role of bcl-2. <i>Neuroscience Letters</i> , 1995 , 201, 119-22	3-3	17
9	The effect of rapamycin, NVP-BEZ235, aspirin, and metformin on PI3K/AKT/mTOR signaling pathway of PIK3CA-related overgrowth spectrum (PROS). <i>Oncotarget</i> , 2017 , 8, 45470-45483	3-3	16
8	Involvement of c-Jun N-terminal kinase and caspase 3-like protease in DNA damage-induced, p53-mediated apoptosis of cultured mouse cerebellar granule neurons. <i>Brain Research</i> , 2001 , 904, 270-8	3-7	16
7	High oxygen atmosphere for neuronal cell culture with nerve growth factor. I. Primary culture of basal forebrain cholinergic neurons from fetal and postnatal rats. <i>Brain Research</i> , 1990 , 536, 16-22	3-7	16
6	Expression of cyclin A decreases during neuronal apoptosis in cultured rat cerebellar granule neurons. <i>Developmental Brain Research</i> , 1996 , 97, 96-106		11
5	Developmental defects and aberrant accumulation of endogenous psychosine in oligodendrocytes in a murine model of Krabbe disease. <i>Neurobiology of Disease</i> , 2018 , 120, 51-62	7-5	10
4	Reduction in miR-219 expression underlies cellular pathogenesis of oligodendrocytes in a mouse model of Krabbe disease. <i>Brain Pathology</i> , 2021 , 31, e12951	6	3
3	Oxygen Toxicity Induces Apoptotic Neuronal Death in Cultured Rat Hippocampal Neurons. <i>Advances in Behavioral Biology</i> , 1995 , 319-326		2
2	Biochemical Characteristics of Oxygen-Induced and Low K ⁺ Medium-Induced Apoptotic Neuronal Death 1996 , 435-437		
1	Mutant huntingtin impairs Ku70-mediated DNA repair. <i>Journal of Experimental Medicine</i> , 2010 , 207, i16-i16.6		