

Shinichi Someya

List of Publications by Year in Descending Order

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Version: 2024-04-26

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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.

50
papers

3,254
citations

23
h-index

52
g-index

52
ext. papers

3,696
ext. citations

6.9
avg, IF

4.84
L-index

#	Paper	IF	Citations
50	Roles of Bak and Sirt3 in Paraquat-Induced Cochlear Hair Cell Damage. <i>Neurotoxicity Research</i> , 2021 , 39, 1227-1237	4.3	0
49	Cochlear detoxification: Role of alpha class glutathione transferases in protection against oxidative lipid damage, ototoxicity, and cochlear aging. <i>Hearing Research</i> , 2021 , 402, 108002	3.9	5
48	Aging of the sensory systems: hearing and vision disorders 2021 , 297-321		1
47	Txn2 haplodeficiency does not affect cochlear antioxidant defenses or accelerate the progression of cochlear cell loss or hearing loss across the lifespan. <i>Experimental Gerontology</i> , 2020 , 141, 111078	4.5	0
46	Effects of Gsta4 deficiency on age-related cochlear pathology and hearing loss in mice. <i>Experimental Gerontology</i> , 2020 , 133, 110872	4.5	2
45	Genetic and Molecular Aspects of the Aging Auditory System. <i>Springer Handbook of Auditory Research</i> , 2020 , 9-34	1.2	
44	Lifestyle Intervention to Prevent Age-Related Hearing Loss: Calorie Restriction 2020 , 1-21		1
43	Innovations in Geroscience to enhance mobility in older adults. <i>Experimental Gerontology</i> , 2020 , 142, 111123	4.5	7
42	"Passenger gene" problem in transgenic C57BL/6 mice used in hearing research. <i>Neuroscience Research</i> , 2020 , 158, 6-15	2.9	4
41	Increased burden of mitochondrial DNA deletions and point mutations in early-onset age-related hearing loss in mitochondrial mutator mice. <i>Experimental Gerontology</i> , 2019 , 125, 110675	4.5	8
40	GSTA4 mediates reduction of cisplatin ototoxicity in female mice. <i>Nature Communications</i> , 2019 , 10, 41507.4	7.4	20
39	A Novel Mouse Model of USH1B Reveals Auditory and Visual System Haploinsufficiencies. <i>Frontiers in Neuroscience</i> , 2019 , 13, 1255	5.1	7
38	Loss of IDH2 Accelerates Age-related Hearing Loss in Male Mice. <i>Scientific Reports</i> , 2018 , 8, 5039	4.9	21
37	Mitochondrial ATP transporter depletion protects mice against liver steatosis and insulin resistance. <i>Nature Communications</i> , 2017 , 8, 14477	17.4	31
36	Deficiency Does Not Affect the Cytosolic Glutathione or Thioredoxin Antioxidant Defense in Mouse Cochlea. <i>Journal of Neuroscience</i> , 2017 , 37, 5770-5781	6.6	10
35	Effects of calorie restriction on the lifespan and healthspan of POLG mitochondrial mutator mice. <i>PLoS ONE</i> , 2017 , 12, e0171159	3.7	12
34	GSR is not essential for the maintenance of antioxidant defenses in mouse cochlea: Possible role of the thioredoxin system as a functional backup for GSR. <i>PLoS ONE</i> , 2017 , 12, e0180817	3.7	6

33	Loss of sestrin 2 potentiates the early onset of age-related sensory cell degeneration in the cochlea. <i>Neuroscience</i> , 2017 , 361, 179-191	3.9	19
32	Studies on the regulatory mechanism of isocitrate dehydrogenase 2 using acetylation mimics. <i>Scientific Reports</i> , 2017 , 7, 9785	4.9	16
31	Intraoperative hemidiaphragm electrical stimulation reduces oxidative stress and upregulates autophagy in surgery patients undergoing mechanical ventilation: exploratory study. <i>Journal of Translational Medicine</i> , 2016 , 14, 305	8.5	24
30	Effects of Long-Term Exercise on Age-Related Hearing Loss in Mice. <i>Journal of Neuroscience</i> , 2016 , 36, 11308-11319	6.6	30
29	Sirt1 deficiency protects cochlear cells and delays the early onset of age-related hearing loss in C57BL/6 mice. <i>Neurobiology of Aging</i> , 2016 , 43, 58-71	5.6	26
28	GLAST Deficiency in Mice Exacerbates Gap Detection Deficits in a Model of Salicylate-Induced Tinnitus. <i>Frontiers in Behavioral Neuroscience</i> , 2016 , 10, 158	3.5	22
27	Successful aging: Advancing the science of physical independence in older adults. <i>Ageing Research Reviews</i> , 2015 , 24, 304-27	12	107
26	Health Effects of Long-Term Rapamycin Treatment: The Impact on Mouse Health of Enteric Rapamycin Treatment from Four Months of Age throughout Life. <i>PLoS ONE</i> , 2015 , 10, e0126644	3.7	49
25	A conserved transcriptional signature of delayed aging and reduced disease vulnerability is partially mediated by SIRT3. <i>PLoS ONE</i> , 2015 , 10, e0120738	3.7	23
24	Age-Related Hearing Loss: Mitochondrial Biochemical Pathways and Molecular Targets. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2015 , 273-288		
23	Update on the Free Radical Theory of Aging □The Role of Oxidative Stress in Age-Related Hearing Loss 2014 , 3581-3598		0
22	Mouse models of age-related mitochondrial neurosensory hearing loss. <i>Molecular and Cellular Neurosciences</i> , 2013 , 55, 95-100	4.8	29
21	Maintaining good hearing: calorie restriction, Sirt3, and glutathione. <i>Experimental Gerontology</i> , 2013 , 48, 1091-5	4.5	35
20	Current concepts in age-related hearing loss: epidemiology and mechanistic pathways. <i>Hearing Research</i> , 2013 , 303, 30-8	3.9	33 ⁰
19	Ototoxic Model of Oxaliplatin and Protection from Nicotinamide Adenine Dinucleotide. <i>Journal of Otolaryngology</i> , 2013 , 8, 63-71	1.9	7
18	Addition of exogenous NAD ⁺ prevents mefloquine-induced neuroaxonal and hair cell degeneration through reduction of caspase-3-mediated apoptosis in cochlear organotypic cultures. <i>PLoS ONE</i> , 2013 , 8, e79817	3.7	39
17	Influence of viral vector-mediated delivery of superoxide dismutase and catalase to the hippocampus on spatial learning and memory during aging. <i>Antioxidants and Redox Signaling</i> , 2012 , 16, 339-50	8.4	29
16	OTOTOXIC EFFECTS OF CARBOPLATIN IN ORGANOTYPIC CULTURES IN CHINCHILLAS AND RATS. <i>Journal of Otolaryngology</i> , 2012 , 7, 92-101	1.9	17

15	Sirt3 promotes the urea cycle and fatty acid oxidation during dietary restriction. <i>Molecular Cell</i> , 2011 , 41, 139-49	17.6	301
14	Sirt3 Promotes the Urea Cycle and Fatty Acid Oxidation during Dietary Restriction. <i>Molecular Cell</i> , 2011 , 41, 493	17.6	4
13	Mitochondrial DNA mutations induce mitochondrial dysfunction, apoptosis and sarcopenia in skeletal muscle of mitochondrial DNA mutator mice. <i>PLoS ONE</i> , 2010 , 5, e11468	3.7	196
12	Effects of caloric restriction on age-related hearing loss in rodents and rhesus monkeys. <i>Current Aging Science</i> , 2010 , 3, 20-5	2.2	36
11	Sirt3 mediates reduction of oxidative damage and prevention of age-related hearing loss under caloric restriction. <i>Cell</i> , 2010 , 143, 802-12	56.2	860
10	Mitochondrial oxidative damage and apoptosis in age-related hearing loss. <i>Mechanisms of Ageing and Development</i> , 2010 , 131, 480-6	5.6	114
9	Effects of Nutraceutical Antioxidants on Age-Related Hearing Loss 2010 , 113-124		
8	Age-related hearing loss in C57BL/6J mice is mediated by Bak-dependent mitochondrial apoptosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 19432-7	11.5	238
7	The role of mtDNA mutations in the pathogenesis of age-related hearing loss in mice carrying a mutator DNA polymerase gamma. <i>Neurobiology of Aging</i> , 2008 , 29, 1080-92	5.6	70
6	Genes encoding mitochondrial respiratory chain components are profoundly down-regulated with aging in the cochlea of DBA/2J mice. <i>Brain Research</i> , 2007 , 1182, 26-33	3.7	31
5	Caloric restriction suppresses apoptotic cell death in the mammalian cochlea and leads to prevention of presbycusis. <i>Neurobiology of Aging</i> , 2007 , 28, 1613-22	5.6	103
4	Role of mitochondrial dysfunction and mitochondrial DNA mutations in age-related hearing loss. <i>Hearing Research</i> , 2007 , 226, 185-93	3.9	101
3	Synthesis of protodolomite from coral reef sand. <i>Food Chemistry</i> , 2006 , 99, 15-18	8.5	4
2	Atmosphere Controlled Sintering of Coral Sand Powders by Hot Isostatic Pressing. <i>Funtai Oyobi Fumatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy</i> , 2005 , 52, 28-34	0.2	
1	Antioxidant compounds from bananas (Musa Cavendish). <i>Food Chemistry</i> , 2002 , 79, 351-354	8.5	257