

Alexander Martin Wolf

List of Publications by Year in descending order

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17
papers

1,294
citations

840776

11
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

2247
citing authors

#	ARTICLE	IF	CITATIONS
1	Cortex-restricted disruption of NMDAR1 impairs neuronal patterns in the barrel cortex. <i>Nature</i> , 2000, 406, 726-731.	27.8	474
2	Astaxanthin protects mitochondrial redox state and functional integrity against oxidative stress. <i>Journal of Nutritional Biochemistry</i> , 2010, 21, 381-389.	4.2	147
3	Blue light-induced oxidative stress in live skin. <i>Free Radical Biology and Medicine</i> , 2017, 108, 300-310.	2.9	140
4	Metabolic Remodeling Induced by Mitochondrial Aldehyde Stress Stimulates Tolerance to Oxidative Stress in the Heart. <i>Circulation Research</i> , 2009, 105, 1118-1127.	4.5	129
5	Motor Dysfunction and Altered Synaptic Transmission at the Parallel Fiber-Purkinje Cell Synapse in Mice Lacking Potassium Channels Kv3.1 and Kv3.3. <i>Journal of Neuroscience</i> , 2003, 23, 7677-7684.	3.6	83
6	Caloric Restriction Primes Mitochondria for Ischemic Stress by Deacetylating Specific Mitochondrial Proteins of the Electron Transport Chain. <i>Circulation Research</i> , 2011, 109, 396-406.	4.5	83
7	Mitochondrial membrane potential decrease caused by loss of PINK1 is not due to proton leak, but to respiratory chain defects. <i>Neurobiology of Disease</i> , 2011, 41, 111-118.	4.4	71
8	Taurine Ameliorates Impaired the Mitochondrial Function and Prevents Stroke-like Episodes in Patients with MELAS. <i>Internal Medicine</i> , 2012, 51, 3351-3357.	0.7	52
9	Real-Time Monitoring of Oxidative Stress in Live Mouse Skin. <i>Journal of Investigative Dermatology</i> , 2014, 134, 1701-1709.	0.7	45
10	Development of Cancer Immunotherapy Targeting the PD-1 Pathway. <i>Journal of Nippon Medical School</i> , 2019, 86, 10-14.	0.9	15
11	MtDNA mutations and aging "not a closed case after all?". <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 56.	17.1	12
12	Mitochondrial DNA Alterations in Colorectal Cancer Cell Lines. <i>Journal of Nippon Medical School</i> , 2011, 78, 13-21.	0.9	10
13	The tumor suppression theory of aging. <i>Mechanisms of Ageing and Development</i> , 2021, 200, 111583.	4.6	8
14	Increased mitochondrial functions in human glioblastoma cells persistently infected with measles virus. <i>Antiviral Research</i> , 2013, 99, 238-244.	4.1	7
15	Imaging postsynaptic activities of teleost thalamic neurons at single cell resolution using a voltage-sensitive dye. <i>Neuroscience Letters</i> , 2001, 312, 17-20.	2.1	6
16	Imaging Mitochondrial Redox Environment and Oxidative Stress Using a Redox-Sensitive Fluorescent Protein. <i>Journal of Nippon Medical School</i> , 2008, 75, 66-67.	0.9	6
17	Rodent diet aids and the fallacy of caloric restriction. <i>Mechanisms of Ageing and Development</i> , 2021, 200, 111584.	4.6	6