Yongsung Kim

List of Publications by Year
in descending order

15 papers	4,528 citations	567281 15 h-index	940533 16 g-index
19 all docs	19 docs citations	19 times ranked	7292 citing authors

#	Article	IF	Citations
1	Mechanisms Underlying the Hyperexcitability of CA3 and Dentate Gyrus Hippocampal Neurons Derived From Patients With Bipolar Disorder. Biological Psychiatry, 2020, 88, 139-149.	1.3	39
2	Chemical modulation of transcriptionally enriched signaling pathways to optimize the conversion of fibroblasts into neurons. ELife, 2019, 8, .	6.0	38
3	Aging in a Dish: iPSC-Derived and Directly Induced Neurons for Studying Brain Aging and Age-Related Neurodegenerative Diseases. Annual Review of Genetics, 2018, 52, 271-293.	7.6	206
4	Mitochondrial Aging Defects Emerge in Directly Reprogrammed Human Neurons due to Their Metabolic Profile. Cell Reports, 2018, 23, 2550-2558.	6.4	93
5	Metabolic reprogramming during neuronal differentiation from aerobic glycolysis to neuronal oxidative phosphorylation. ELife, 2016, 5, .	6.0	451
6	Alleviation of neuronal energy deficiency by mTOR inhibition as a treatment for mitochondria-related neurodegeneration. ELife, 2016, 5, .	6.0	117
7	Differential responses to lithium in hyperexcitable neurons from patients with bipolar disorder. Nature, 2015, 527, 95-99.	27.8	461
8	Directly Reprogrammed Human Neurons Retain Aging-Associated Transcriptomic Signatures and Reveal Age-Related Nucleocytoplasmic Defects. Cell Stem Cell, 2015, 17, 705-718.	11.1	545
9	A metazoan ortholog of SpoT hydrolyzes ppGpp and functions in starvation responses. Nature Structural and Molecular Biology, 2010, 17, 1188-1194.	8.2	112
10	Drosophila Porin/VDAC Affects Mitochondrial Morphology. PLoS ONE, 2010, 5, e13151.	2.5	57
11	Regulation of FOXO1 by TAK1-Nemo-like Kinase Pathway. Journal of Biological Chemistry, 2010, 285, 8122-8129.	3.4	48
12	Mitochondrial dysfunction and Parkinsonâ€™s disease genes: insights from Drosophila. DMM Disease Models and Mechanisms, 2009, 2, 336-340.	2.4	74
13	PINK1 controls mitochondrial localization of Parkin through direct phosphorylation. Biochemical and Biophysical Research Communications, 2008, 377, 975-980.	2.1	345
14	Energy-dependent regulation of cell structure by AMP-activated protein kinase. Nature, 2007, 447, 1017-1020.	27.8	396
15	Mitochondrial dysfunction in Drosophila PINK1 mutants is complemented by parkin. Nature, 2006, 441, 1157-1161.	27.8	1,529