

Guoliang Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

315
citations

933264

10
h-index

839398

18
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18
all docs

18
docs citations

18
times ranked

435
citing authors

#	ARTICLE	IF	CITATIONS
1	Activation of Nrf2-ARE signal pathway protects the brain from damage induced by epileptic seizure. <i>Brain Research</i> , 2014, 1544, 54-61.	1.1	86
2	Testosterone Upregulates the Expression of Mitochondrial ND1 and ND4 and Alleviates the Oxidative Damage to the Nigrostriatal Dopaminergic System in Orchiectomized Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-13.	1.9	34
3	Amelioratory Effects of Testosterone Propionate on Age-related Renal Fibrosis via Suppression of TGF- β 1/Smad Signaling and Activation of Nrf2-ARE Signaling. <i>Scientific Reports</i> , 2018, 8, 10726.	1.6	23
4	Intranasal administration of testosterone increased immobile-sniffing, exploratory behavior, motor behavior and grooming behavior in rats. <i>Hormones and Behavior</i> , 2011, 59, 477-483.	1.0	21
5	Amelioratory effects of testosterone propionate supplement on behavioral, biochemical and morphological parameters in aged rats. <i>Experimental Gerontology</i> , 2012, 47, 67-76.	1.2	19
6	Enhancement of dopaminergic activity and region-specific activation of Nrf2-ARE pathway by intranasal supplements of testosterone propionate in aged male rats. <i>Hormones and Behavior</i> , 2016, 80, 103-116.	1.0	19
7	Testosterone Propionate Exacerbates the Deficits of Nigrostriatal Dopaminergic System and Downregulates Nrf2 Expression in Reserpine-Treated Aged Male Rats. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 172.	1.7	16
8	Deficits in coordinated motor behavior and in nigrostriatal dopaminergic system ameliorated and VMAT2 expression up-regulated in aged male rats by administration of testosterone propionate. <i>Experimental Gerontology</i> , 2016, 78, 1-11.	1.2	13
9	Testosterone propionate activated the Nrf2-ARE pathway in ageing rats and ameliorated the age-related changes in liver. <i>Scientific Reports</i> , 2019, 9, 18619.	1.6	12
10	Testosterone enhances mitochondrial complex V function in the substantia nigra of aged male rats. <i>Aging</i> , 2020, 12, 10398-10414.	1.4	12
11	Pentoxifylline enhances antioxidative capability and promotes mitochondrial biogenesis for improving age-related behavioral deficits. <i>Aging</i> , 2020, 12, 25487-25504.	1.4	12
12	Alleviation of Oxidative Damage and Involvement of Nrf2-ARE Pathway in Mesodopaminergic System and Hippocampus of Status Epilepticus Rats Pretreated by Intranasal Pentoxifylline. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-18.	1.9	11
13	Testosterone ameliorates age-related brain mitochondrial dysfunction. <i>Aging</i> , 2021, 13, 16229-16247.	1.4	10
14	The effects of gonadectomy and binge-like ethanol exposure during adolescence on open field behaviour in adult male rats. <i>Neuroscience Letters</i> , 2015, 604, 52-57.	1.0	9
15	Parecoxib alleviates the motor behavioral decline of aged rats by ameliorating mitochondrial dysfunction in the substantia nigra via COX-2/PGE2 pathway inhibition. <i>Neuropharmacology</i> , 2021, 194, 108627.	2.0	6
16	Pentoxifylline Enhances Antioxidative Capability and Promotes Mitochondrial Biogenesis in D-Galactose-Induced Aging Mice by Increasing Nrf2 and PGC-1 α through the cAMP-CREB Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-21.	1.9	5
17	Nrf2 Deficiency Attenuates Testosterone Efficiency in Ameliorating Mitochondrial Function of the Substantia Nigra in Aged Male Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-33.	1.9	4
18	LncRNAs down-regulate Myh1, Casr, and Mis18a expression in the Substantia Nigra of aged male rats. <i>Aging</i> , 2019, 11, 8313-8328.	1.4	3