

Jianliang Zhang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Exosomal DNA Aptamer Targeting α -Synuclein Aggregates Reduced Neuropathological Deficits in a Mouse Parkinson's Disease Model. <i>Molecular Therapy - Nucleic Acids</i> , 2019, 17, 726-740.	2.3	77
2	Novel DNA Aptamers for Parkinson's Disease Treatment Inhibit α -Synuclein Aggregation and Facilitate its Degradation. <i>Molecular Therapy - Nucleic Acids</i> , 2018, 11, 228-242.	2.3	54
3	Triptolide treatment reduces Alzheimer's disease (AD)-like pathology through inhibition of BACE1 in a transgenic mouse model of AD. <i>DMM Disease Models and Mechanisms</i> , 2014, 7, 1385-1395.	1.2	50
4	Aptamer and its applications in neurodegenerative diseases. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 683-695.	2.4	49
5	Specific Knockdown of α -Synuclein by Peptide-Directed Proteasome Degradation Rescued Its Associated Neurotoxicity. <i>Cell Chemical Biology</i> , 2020, 27, 751-762.e4.	2.5	46
6	Oxidative Modification and Its Implications for the Neurodegeneration of Parkinson's Disease. <i>Molecular Neurobiology</i> , 2017, 54, 1404-1418.	1.9	40
7	Gamma rhythm low field magnetic stimulation alleviates neuropathologic changes and rescues memory and cognitive impairments in a mouse model of Alzheimer's disease. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2017, 3, 487-497.	1.8	36
8	The Structural Mechanism of the Cys-Loop Receptor Desensitization. <i>Molecular Neurobiology</i> , 2013, 48, 97-108.	1.9	26
9	Reversible GABAergic dysfunction involved in hippocampal hyperactivity predicts early-stage Alzheimer disease in a mouse model. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 114.	3.0	23
10	Panax notoginseng saponins and their applications in nervous system disorders: a narrative review. <i>Annals of Translational Medicine</i> , 2020, 8, 1525-1525.	0.7	20
11	Modulation of α 7nAChR by Melatonin Alleviates Ischemia and Reperfusion-Compromised Integrity of Blood-Brain Barrier Through Inhibiting HMGB1-Mediated Microglia Activation and CRTC1-Mediated Neuronal Loss. <i>Cellular and Molecular Neurobiology</i> , 2022, 42, 2407-2422.	1.7	15
12	A Novel Immunosuppressor, (5R)-5-Hydroxytriptolide, Alleviates Movement Disorder and Neuroinflammation in a 6-OHDA Hemiparkinsonian Rat Model. , 2017, 8, 31.		13
13	The coupling interface and pore domain codetermine the single-channel activity of the α 7 nicotinic receptor. <i>Neuropharmacology</i> , 2015, 95, 448-458.	2.0	11
14	The Molecular Mechanism of Alpha-Synuclein Dependent Regulation of Protein Phosphatase 2A Activity. <i>Cellular Physiology and Biochemistry</i> , 2018, 47, 2613-2625.	1.1	11
15	Functional Impact of 14 Single Nucleotide Polymorphisms Causing Missense Mutations of Human α 7 Nicotinic Receptor. <i>PLoS ONE</i> , 2015, 10, e0137588.	1.1	5
16	Schizophrenia Patient Shows a Rare Interleukin 15 Receptor alpha Variant Disrupting Signal Transduction. <i>Current Molecular Medicine</i> , 2019, 19, 560-569.	0.6	3
17	Molecular basis of reactive oxygen species-induced inactivation of α 4 β 2 nicotinic acetylcholine receptors. <i>Free Radical Biology and Medicine</i> , 2016, 97, 520-530.	1.3	2