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List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

1,514
citations

279487

23
h-index

360668

35
g-index

57
all docs

57
docs citations

57
times ranked

2209
citing authors

#	ARTICLE	IF	CITATIONS
1	Brain-Targeted Aggregation-Induced Emission Nanoparticles with Near-Infrared Imaging at 1550 nm Boosts Orthotopic Glioblastoma Theranostics. <i>Advanced Materials</i> , 2022, 34, e2106082.	11.1	75
2	Enhanced Antioxidant Effects of the Anti-Inflammatory Compound Probucol When Released from Mesoporous Silica Particles. <i>Pharmaceutics</i> , 2022, 14, 502.	2.0	5
3	Brain-Targeted Codelivery of Bcl-2/Bcl-xl and Mcl-1 Inhibitors by Biomimetic Nanoparticles for Orthotopic Glioblastoma Therapy. <i>ACS Nano</i> , 2022, 16, 6293-6308.	7.3	40
4	TDP-43 is a ubiquitylation substrate of the SCF/cyclin F complex. <i>Neurobiology of Disease</i> , 2022, 167, 105673.	2.1	11
5	Aspect Ratio of PEGylated Upconversion Nanocrystals Affects the Cellular Uptake In Vitro and In Vivo. <i>Acta Biomaterialia</i> , 2022, 147, 403-413.	4.1	11
6	In vivo Validation of Bimolecular Fluorescence Complementation (BiFC) to Investigate Aggregate Formation in Amyotrophic Lateral Sclerosis (ALS). <i>Molecular Neurobiology</i> , 2021, 58, 2061-2074.	1.9	5
7	ALS/FTD-causing mutation in cyclin F causes the dysregulation of SFPQ. <i>Human Molecular Genetics</i> , 2021, 30, 971-984.	1.4	16
8	Unbiased Label-Free Quantitative Proteomics of Cells Expressing Amyotrophic Lateral Sclerosis (ALS) Mutations in CENPF Reveals Activation of the Apoptosis Pathway: A Workflow to Screen Pathogenic Gene Mutations. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 627740.	1.4	12
9	Nanotechnology-Based Strategies for Early Diagnosis of Central Nervous System Disorders. <i>Advanced NanoBiomed Research</i> , 2021, 1, 2100008.	1.7	16
10	Riluzole does not ameliorate disease caused by cytoplasmic TDP-43 in a mouse model of amyotrophic lateral sclerosis. <i>European Journal of Neuroscience</i> , 2021, 54, 6237-6255.	1.2	15
11	Splicing factor proline and glutamine rich intron retention, reduced expression and aggregate formation are pathological features of amyotrophic lateral sclerosis. <i>Neuropathology and Applied Neurobiology</i> , 2021, 47, 990-1003.	1.8	11
12	Polymeric nanoparticle mediated inhibition of miR-21 with enhanced miR-124 expression for combinatorial glioblastoma therapy. <i>Biomaterials</i> , 2021, 276, 121036.	5.7	29
13	Cytokine Signalling at the Microglial Penta-Partite Synapse. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13186.	1.8	13
14	A Robust Intrinsically Green Fluorescent Poly(Amidoamine) Dendrimer for Imaging and Traceable Central Nervous System Delivery in Zebrafish. <i>Small</i> , 2020, 16, 2003654.	5.2	8
15	Foreword to the special issue on zebrafish imaging: Emerging techniques and methodologies. <i>Micron</i> , 2020, 136, 102877.	1.1	0
16	Observation and characterisation of macrophages in zebrafish liver. <i>Micron</i> , 2020, 132, 102851.	1.1	7
17	Muscle specific kinase protects dystrophic mouse muscles from eccentric contraction-induced loss of force-producing capacity. <i>Journal of Physiology</i> , 2019, 597, 4831-4850.	1.3	11
18	Using proteomics to identify ubiquitin ligase-substrate pairs: how novel methods may unveil therapeutic targets for neurodegenerative diseases. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 2499-2510.	2.4	18

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19	Albumin uptake and distribution in the zebrafish liver as observed via correlative imaging. <i>Experimental Cell Research</i> , 2019, 374, 162-171.	1.2	8
20	Aurora kinase B regulates axonal outgrowth and regeneration in the spinal motor neurons of developing zebrafish. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 4269-4285.	2.4	17
21	DNA nanoclew templated spherical nucleic acids for siRNA delivery. <i>Chemical Communications</i> , 2018, 54, 3609-3612.	2.2	50
22	Selective Spatiotemporal Vulnerability of Central Nervous System Neurons to Pathologic TAR DNA-Binding Protein 43 in Aged Transgenic Mice. <i>American Journal of Pathology</i> , 2018, 188, 1447-1456.	1.9	8
23	Cannabinoid-induced increase of quantal size and enhanced neuromuscular transmission. <i>Scientific Reports</i> , 2018, 8, 4685.	1.6	17
24	Pathogenic mutation in the ALS/FTD gene, CCNF, causes elevated Lys48-linked ubiquitylation and defective autophagy. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 335-354.	2.4	44
25	The mouse passive transfer model of MuSK myasthenia gravis: disrupted MuSK signaling causes synapse failure. <i>Annals of the New York Academy of Sciences</i> , 2018, 1412, 54-61.	1.8	8
26	Real-time visualization of oxidative stress-mediated neurodegeneration of individual spinal motor neurons in vivo. <i>Redox Biology</i> , 2018, 19, 226-234.	3.9	41
27	Nucleo-cytoplasmic transport of TDP-43 studied in real time: impaired microglia function leads to axonal spreading of TDP-43 in degenerating motor neurons. <i>Acta Neuropathologica</i> , 2018, 136, 445-459.	3.9	66
28	Utility and reliability of non-invasive muscle function tests in high-fat-fed mice. <i>Experimental Physiology</i> , 2017, 102, 773-778.	0.9	17
29	Expression of ALS/FTD-linked mutant CCNF in zebrafish leads to increased cell death in the spinal cord and an aberrant motor phenotype. <i>Human Molecular Genetics</i> , 2017, 26, 2616-2626.	1.4	44
30	Relocation is the key to successful correlative fluorescence and scanning electron microscopy. <i>Methods in Cell Biology</i> , 2017, 140, 215-244.	0.5	5
31	Multifunctional Hybrid Nanoparticles for Traceable Drug Delivery and Intracellular Microenvironment-Controlled Multistage Drug Release in Neurons. <i>Small</i> , 2017, 13, 1603966.	5.2	21
32	A versatile upconversion surface evaluation platform for bio-nano surface selection for the nervous system. <i>Nanoscale</i> , 2017, 9, 13683-13692.	2.8	13
33	Triggering Cell Stress and Death Using Conventional UV Laser Confocal Microscopy. <i>Journal of Visualized Experiments</i> , 2017, , .	0.2	13
34	Casein kinase II phosphorylation of cyclin F at serine 621 regulates the Lys48-ubiquitylation E3 ligase activity of the SCF (cyclin F) complex. <i>Open Biology</i> , 2017, 7, 170058.	1.5	29
35	A Tol2 Gateway-Compatible Toolbox for the Study of the Nervous System and Neurodegenerative Disease. <i>Zebrafish</i> , 2017, 14, 69-72.	0.5	56
36	Improving the Delivery of SOD1 Antisense Oligonucleotides to Motor Neurons Using Calcium Phosphate-Lipid Nanoparticles. <i>Frontiers in Neuroscience</i> , 2017, 11, 476.	1.4	53

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37	Ultrastructural Mapping of the Zebrafish Gastrointestinal System as a Basis for Experimental Drug Studies. <i>BioMed Research International</i> , 2016, 2016, 1-13.	0.9	14
38	The effects of high-fat feeding on physical function and skeletal muscle extracellular matrix. <i>Nutrition and Diabetes</i> , 2015, 5, e187-e187.	1.5	24
39	Forced expression of muscle specific kinase slows postsynaptic acetylcholine receptor loss in a mouse model of MuSK myasthenia gravis. <i>Physiological Reports</i> , 2015, 3, e12658.	0.7	13
40	Assessment of neuro-muscular function tests in mouse models of obesity and diabetes. <i>Journal of the Neurological Sciences</i> , 2015, 357, e203.	0.3	0
41	In vivo characterization of microglial engulfment of dying neurons in the zebrafish spinal cord. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 321.	1.8	91
42	The established and emerging roles of astrocytes and microglia in amyotrophic lateral sclerosis and frontotemporal dementia. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 414.	1.8	90
43	Electrophysiological analysis of neuromuscular synaptic function in myasthenia gravis patients and animal models. <i>Experimental Neurology</i> , 2015, 270, 41-54.	2.0	43
44	Muscle-specific kinase (MuSK) autoantibodies suppress the MuSK pathway and ACh receptor retention at the mouse neuromuscular junction. <i>Journal of Physiology</i> , 2014, 592, 2881-2897.	1.3	29
45	Clinical and scientific aspects of muscle-specific tyrosine kinase-related myasthenia gravis. <i>Current Opinion in Neurology</i> , 2014, 27, 558-565.	1.8	26
46	The Neuromuscular Junction: Measuring Synapse Size, Fragmentation and Changes in Synaptic Protein Density Using Confocal Fluorescence Microscopy. <i>Journal of Visualized Experiments</i> , 2014, , .	0.2	24
47	Effects of the β_2 -Adrenoceptor Agonist, Albuterol, in a Mouse Model of Anti-MuSK Myasthenia Gravis. <i>PLoS ONE</i> , 2014, 9, e87840.	1.1	44
48	Pyridostigmine but not 3,4-diaminopyridine exacerbates ACh receptor loss and myasthenia induced in mice by muscle-specific kinase autoantibody. <i>Journal of Physiology</i> , 2013, 591, 2747-2762.	1.3	63
49	Sequence of Age-Associated Changes to the Mouse Neuromuscular Junction and the Protective Effects of Voluntary Exercise. <i>PLoS ONE</i> , 2013, 8, e67970.	1.1	63
50	Muscle specific kinase autoantibodies cause synaptic failure through progressive wastage of postsynaptic acetylcholine receptors. <i>Experimental Neurology</i> , 2012, 237, 286-295.	2.0	50
51	Muscle Specific Kinase: Organiser of synaptic membrane domains. <i>International Journal of Biochemistry and Cell Biology</i> , 2011, 43, 295-298.	1.2	60
52	Modulation of the Ca ²⁺ conductance of nicotinic acetylcholine receptors by Lypd6. <i>European Neuropsychopharmacology</i> , 2009, 19, 670-681.	0.3	49