Qinwen Mao

List of Publications by Year
in descending order

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91	4,081	304743	123424
papers	citations	22 h-index	61 g-index

92	92	92	4388
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	siRNA-mediated gene silencing in vitro and in vivo. Nature Biotechnology, 2002, 20, 1006-1010.	17.5	868
2	RNAi suppresses polyglutamine-induced neurodegeneration in a model of spinocerebellar ataxia. Nature Medicine, 2004, 10, 816-820.	30.7	643
3	RNA interference improves motor and neuropathological abnormalities in a Huntington's disease mouse model. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 5820-5825.	7.1	626
4	Genome sequencing analysis identifies new loci associated with Lewy body dementia and provides insights into its genetic architecture. Nature Genetics, 2021, 53, 294-303.	21.4	198
5	Recombinant Human Adenovirus: Targeting to the Human Transferrin Receptor Improves Gene Transfer to Brain Microcapillary Endothelium. Journal of Virology, 2000, 74, 11359-11366.	3.4	161
6	The HIV Tat protein transduction domain improves the biodistribution of Î²-glucuronidase expressed from recombinant viral vectors. Nature Biotechnology, 2001, 19, 640-644.	17.5	161
7	A Mouse Model of Classical Late-Infantile Neuronal Ceroid Lipofuscinosis Based on Targeted Disruption of the CLN2 Gene Results in a Loss of Tripeptidyl-Peptidase I Activity and Progressive Neurodegeneration. Journal of Neuroscience, 2004, 24, 9117-9126.	3.6	124
8	Intracranial Delivery of CLN2 Reduces Brain Pathology in a Mouse Model of Classical Late Infantile Neuronal Ceroid Lipofuscinosis. Journal of Neuroscience, 2006, 26, 1334-1342.	3.6	118
9	Inclusions in frontotemporal lobar degeneration with TDP-43 proteinopathy (FTLD-TDP) and amyotrophic lateral sclerosis (ALS), but not FTLD with FUS proteinopathy (FTLD-FUS), have properties of amyloid. Acta Neuropathologica, 2013, 125, 463-465.	7.7	85
10	A Knock-In Reporter Model of Batten Disease. Journal of Neuroscience, 2007, 27, 9826-9834.	3.6	52
11	MCP1-CCR2 and neuroinflammation in the ALS motor cortex with TDP-43 pathology. Journal of Neuroinflammation, 2019, 16, 196.	7.2	46
12	Frontotemporal lobar degeneration with TDPâ€43 proteinopathy and chromosome 9p repeat expansion in C9ORF72: clinicopathologic correlation. Neuropathology, 2013, 33, 122-133.	1.2	45
13	Cognitive trajectories and spectrum of neuropathology in <scp>S</scp>uper<scp>A</scp>gers: The first 10 cases. Hippocampus, 2019, 29, 458-467.	1.9	44
14	Membrane topology of CLN3, the protein underlying Batten disease. FEBS Letters, 2003, 541, 40-46.	2.8	43
15	Defining the Pathway for Tat-mediated Delivery of Î²-Glucuronidase in Cultured Cells and MPS VII Mice. Molecular Therapy, 2005, 12, 345-352.	8.2	38
16	Multisite Assessment of Aging-Related Tau Astrogliopathy (ARTAG). Journal of Neuropathology and Experimental Neurology, 2017, 76, 605-619.	1.7	38
17	Early Selective Vulnerability of the CA2 Hippocampal Subfield in Primary Age-Related Tauopathy. Journal of Neuropathology and Experimental Neurology, 2021, 80, 102-111.	1.7	35
18	Prognostic factors for recurrence and complications in the surgical management of primary chordoid gliomas: A systematic review of literature. Clinical Neurology and Neurosurgery, 2015, 138, 129-136.	1.4	32

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19	The Role of Macrophages in the Response to TNF Inhibition in Experimental Arthritis. Journal of Immunology, 2018, 200, 130-138.	0.8	29
20	CAR T-cells for cancer therapy. Biotechnology and Genetic Engineering Reviews, 2017, 33, 190-226.	6.2	28
21	Critical role of synovial tissueâ€“resident macrophage niche in joint homeostasis and suppression of chronic inflammation. Science Advances, 2021, 7, .	10.3	27
22	Intracellular trafficking of CLN3, the protein underlying the childhood neurodegenerative disease, Batten disease. FEBS Letters, 2003, 555, 351-357.	2.8	26
23	Neuropathological fingerprints of survival, atrophy and language in primary progressive aphasia. Brain, 2022, 145, 2133-2148.	7.6	26
24	Predictors of recurrence in the management of chordoid meningioma. Journal of Neuro-Oncology, 2016, 126, 107-116.	2.9	24
25	Clinical attributes and surgical outcomes of angiocentric gliomas. Journal of Clinical Neuroscience, 2016, 28, 117-122.	1.5	22
26	Disease and Region Specificity of Granulin Immunopositivities in Alzheimer Disease and Frontotemporal Lobar Degeneration. Journal of Neuropathology and Experimental Neurology, 2017, 76, 957-968.	1.7	22
27	Systemic administration of mesenchymal stem cells loaded with a novel oncolytic adenovirus carrying IL-24/endostatin enhances glioma therapy. Cancer Letters, 2021, 509, 26-38.	7.2	21
28	A Fiber Chimeric CRAd Vector Ad5/11-D24 Double-Armed with TRAIL and Arresten for Enhanced Glioblastoma Therapy. Human Gene Therapy, 2012, 23, 589-596.	2.7	20
29	A novel TanCAR targeting IL13RÎ±2 and EphA2 for enhanced glioblastoma therapy. Molecular Therapy - Oncolytics, 2022, 24, 729-741.	4.4	20
30	A novel conditionally replicating adenoviral vector with dual expression of IL-24 and arresten inserted in E1 and the region between E4 and fiber for improved melanoma therapy. Cancer Gene Therapy, 2012, 19, 247-254.	4.6	19
31	Aptamer modification improves the adenoviral transduction of malignant glioma cells. Journal of Biotechnology, 2013, 168, 362-366.	3.8	19
32	Genome-wide association study and functional validation implicates JADE1 in tauopathy. Acta Neuropathologica, 2022, 143, 33-53.	7.7	19
33	Detection of CD133 expression in U87 glioblastoma cells using a novel anti-CD133 monoclonal antibody. Oncology Letters, 2015, 9, 2603-2608.	1.8	18
34	Genetic evaluation of dementia with Lewy bodies implicates distinct disease subgroups. Brain, 2022, 145, 1757-1762.	7.6	17
35	Pineal chordoid meningioma complicated by repetitive hemorrhage during pregnancy: Case report and literature review. Neuropathology, 2013, 33, 192-198.	1.2	14
36	Memory Resilience in Alzheimer Disease With Primary Progressive Aphasia. Neurology, 2021, 96, e916-e925.	1.1	14

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37	Paucity of Entorhinal Cortex Pathology of the Alzheimerâ€™s Type in SuperAgers with Superior Memory Performance. Cerebral Cortex, 2021, 31, 3177-3183.	2.9	14
38	Differential neuropathology and functional outcome after equivalent traumatic brain injury in aged versus young adult mice. Experimental Neurology, 2021, 341, 113714.	4.1	14
39	Cortical and subcortical pathological burden and neuronal loss in an autopsy series of FTLD-TDP-type C. Brain, 2022, 145, 1069-1078.	7.6	12
40	Tripeptide Probes for Tripeptidyl Protease I Production via Gene Transfer. Journal of Medicinal Chemistry, 2003, 46, 1603-1608.	6.4	11
41	Generation of apoptosisâ€resistant HEK293 cells with CRISPR/Cas mediated quadruple gene knockout for improved protein and virus production. Biotechnology and Bioengineering, 2017, 114, 2539-2549.	3.3	11
42	Aptazyme-mediated direct modulation of post-transcriptional sgRNA level for conditional genome editing and gene expression. Journal of Biotechnology, 2018, 288, 23-29.	3.8	11
43	Procurement and Storage of Surgical Biospecimens. Methods in Molecular Biology, 2019, 1897, 65-76.	0.9	11
44	Genetically modified adenoviral vector with the protein transduction domain of Tat improves gene transfer to CAR-deficient cells. Bioscience Reports, 2009, 29, 103-109.	2.4	10
45	Domain-Specific Monoclonal Antibodies Produced Against Human PGRN. Hybridoma, 2011, 30, 271-278.	0.4	10
46	Delayed malignant transformation of petroclival meningioma to chondrosarcoma after stereotactic radiosurgery. Journal of Clinical Neuroscience, 2014, 21, 1225-1228.	1.5	10
47	A novel luciferase knock-in reporter system for studying transcriptional regulation of the human Sox2 gene. Journal of Biotechnology, 2016, 219, 110-116.	3.8	10
48	Revisiting the utility of TDP-43 immunoreactive (TDP-43-ir) pathology to classify FTLD-TDP subtypes. Acta Neuropathologica, 2019, 138, 167-169.	7.7	10
49	Neuroendocrine carcinoma of the pineal parenchyma. The first reported case. Journal of Clinical Neuroscience, 2017, 35, 68-70.	1.5	9
50	FTLD-TDP With and Without GRN Mutations Cause Different Patterns of CA1 Pathology. Journal of Neuropathology and Experimental Neurology, 2019, 78, 844-853.	1.7	9
51	CRISPR/Cas9â€mediated grna gene knockout leads to neurodevelopmental defects and motor behavior changes in zebrafish. Journal of Neurochemistry, 2021, 157, 520-531.	3.9	9
52	A novel Ad5/11 chimeric oncolytic adenovirus for improved glioma therapy. International Journal of Oncology, 2012, 41, 2159-2165.	3.3	8
53	A novel adenoviral vector carrying an all-in-one Tet-On system with an autoregulatory loop for tight, inducible transgene expression. BMC Biotechnology, 2015, 15, 4.	3.3	8
54	Combined Pathologies in FTLD-TDP Types A and C. Journal of Neuropathology and Experimental Neurology, 2018, 77, 405-412.	1.7	8

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55	Aptamer modification improves the adenoviral transduction of malignant glioma cells. Journal of Biotechnology, 2013, 168, 362-6.	3.8	8
56	Progranulin deficiency promotes persistent neuroinflammation and causes regional pathology in the hippocampus following traumatic brain injury. Glia, 2022, , .	4.9	8
57	A rapid generation of adenovirus vector with a genetic modification in hexon protein. Journal of Biotechnology, 2012, 157, 373-378.	3.8	7
58	A targeting peptide improves adenovirus-mediated transduction of a glioblastoma cell line. Oncology Reports, 2014, 31, 2093-2098.	2.6	7
59	Adult polyglucosan body disease with <scp>GBE1</scp> haploinsufficiency and concomitant frontotemporal lobar degeneration. Neuropathology and Applied Neurobiology, 2014, 40, 778-782.	3.2	7
60	Multiple copies of a linear donor fragment released in situ from a vector improve the efficiency of zinc-finger nuclease-mediated genome editing. Gene Therapy, 2014, 21, 282-288.	4.5	7
61	Biological function analysis of monoclonal antibodies against human granulins inÂvitro using U251 cells as a model. Protein Expression and Purification, 2017, 130, 55-62.	1.3	7
62	Establishment of a HEK293 cell line by CRISPR/Cas9-mediated luciferase knock-in to study transcriptional regulation of the human SREBP1 gene. Biotechnology Letters, 2018, 40, 1495-1506.	2.2	7
63	Orbital metastasis of pituitary growth hormone secreting carcinoma causing lateral gaze palsy. , 2013, 4, 59.		7
64	Targeted genome correction by a single adenoviral vector simultaneously carrying an inducible zinc finger nuclease and a donor template. Journal of Biotechnology, 2014, 188, 1-6.	3.8	6
65	Generation of a novel HEK293 luciferase reporter cell line by CRISPR/Cas9-mediated site-specific integration in the genome to explore the transcriptional regulation of the PGRN gene. Bioengineered, 2019, 10, 98-107.	3.2	6
66	Is Next-Generation Sequencing Alone Sufficient to Reliably Diagnose Gliomas?. Journal of Neuropathology and Experimental Neurology, 2020, 79, 763-766.	1.7	6
67	A novel vector for a rapid generation of fiber-mutant adenovirus based on one step ligation and quick screening of positive clones. Journal of Biotechnology, 2011, 152, 72-76.	3.8	5
68	Suppression of Progranulin Expression Leads to Formation of Intranuclear TDP-43 Inclusions In Vitro: A Cell Model of Frontotemporal Lobar Degeneration. Journal of Neuropathology and Experimental Neurology, 2019, 78, 1124-1129.	1.7	5
69	Primary Progressive AphasiaÂhas a Unique Signature DistinctÂfrom Dementia of the Alzheimerâ€™s Type and Behavioral Variant Frontotemporal Dementia Regardless of Pathology. Journal of Neuropathology and Experimental Neurology, 2020, 79, 1379-1381.	1.7	5
70	Rescue the Failed Half-ZFN by a Sensitive Mammalian Cell-Based Luciferase Reporter System. PLoS ONE, 2012, 7, e45169.	2.5	4
71	A dorsally located giant posterior fossa neurenteric cyst in a Chinese woman. Journal of Clinical Neuroscience, 2015, 22, 917-918.	1.5	4
72	Production and characterization of domain-specific monoclonal antibodies against human ECM1. Protein Expression and Purification, 2016, 121, 103-111.	1.3	4

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73	Establishment of a novel hepatic steatosis cell model by Cas9/sgRNA-mediated DGKÎ¸ gene knockout. Molecular Medicine Reports, 2018, 17, 2169-2176.	2.4	4
74	Establishing a dual knock-out cell line by lentivirus based combined CRISPR/Cas9 and Loxp/Cre system. Cytotechnology, 2018, 70, 1595-1605.	1.6	4
75	A Highly Sensitive Sandwich ELISA to Detect CSF Progranulin: A Potential Biomarker for CNS Disorders. Journal of Neuropathology and Experimental Neurology, 2019, 78, 406-415.	1.7	4
76	Sleep talking and primary progressive aphasia: case study and autopsy findings in a patient with logopenic primary progressive aphasia and dementia with Lewy bodies. BMJ Case Reports, 2019, 12, e228938.	0.5	4
77	Spinocerebellar Ataxia Type 3: A Case Report and Literature Review. Journal of Neuropathology and Experimental Neurology, 2020, 79, 641-646.	1.7	4
78	Production and Characterization of Monoclonal Antibodies against Human Nuclear Protein FAM76B. PLoS ONE, 2016, 11, e0152237.	2.5	4
79	A novel system for rapid screening of effective siRNA target sites by one step transfection with a single vector. Journal of Biotechnology, 2011, 155, 135-139.	3.8	3
80	Development of a Sensitive Luciferase-Based Sandwich ELISA System for the Detection of Human Extracellular Matrix 1 Protein. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2016, 35, 273-279.	1.6	3
81	Establishment of a DGKÎ¸ Endogenous Promoter Luciferase Reporter HepG2 Cell Line for Studying the Transcriptional Regulation of DGKÎ¸ Gene. Applied Biochemistry and Biotechnology, 2019, 187, 1344-1355.	2.9	3
82	Newly diagnosed enhancing lesions: Steroid initiation may impede diagnosis of lymphoma involving the central nervous system. Journal of Clinical Neuroscience, 2020, 81, 61-64.	1.5	3
83	A simple, efficient and economical method for isolating and culturing human umbilical cord bloodâ€derived mesenchymal stromal cells. Molecular Medicine Reports, 2019, 20, 5257-5264.	2.4	2
84	Ataxia and Progressive Encephalopathy in a 4-Year-Old Girl. Laboratory Medicine, 2010, 41, 5-9.	1.2	1
85	Establishment of a cell line carrying single copy of an exogenous mutant reporter gene for assaying the biological activity of ZFNs. Journal of Biotechnology, 2012, 162, 191-196.	3.8	1
86	Generation of Domain-Specific Monoclonal Antibodies Against Human Glutaredoxin3. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 2016, 35, 285-292.	1.6	1
87	Accreditation Council for Graduate Medical Education Self-Study for Pathology: One Institution's Experience and Lessons Learned. Archives of Pathology and Laboratory Medicine, 2019, 143, 1271-1277.	2.5	1
88	The luciferase reporter system of the MMP12 endogenous promoter for investigating transcriptional regulation of the human MMP12 gene. Electronic Journal of Biotechnology, 2020, 43, 55-61.	2.2	1
89	A Novel, Heterozygous BSCL2 Variant in Association With Early-Onset Epileptic Encephalopathy. Journal of Neuropathology and Experimental Neurology, 2022, 81, 377-380.	1.7	1
90	A one-step ligation system for rapid generation of armed, conditionally-replicating adenoviruses. Biotechnology Letters, 2013, 35, 1215-1221.	2.2	0

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91	Domain-Specific Monoclonal Antibodies Against Human Rev-erbÎ². Applied Biochemistry and Biotechnology, 2017, 182, 978-989.	2.9	0