

Yingwei Mao

List of Publications by Year in descending order

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48
papers

3,784
citations

236925

25
h-index

223800

46
g-index

49
all docs

49
docs citations

49
times ranked

6107
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel pathway regulates memory and plasticity via SIRT1 and miR-134. <i>Nature</i> , 2010, 466, 1105-1109.	27.8	864
2	Disrupted in Schizophrenia 1 Regulates Neuronal Progenitor Proliferation via Modulation of GSK3 β / β -Catenin Signaling. <i>Cell</i> , 2009, 136, 1017-1031.	28.9	703
3	Human β -A- and β -B-crystallins bind to Bax and Bcl-XS to sequester their translocation during staurosporine-induced apoptosis. <i>Cell Death and Differentiation</i> , 2004, 11, 512-526.	11.2	307
4	Self-Assembly of Extracellular Vesicle-like Metal-Organic Framework Nanoparticles for Protection and Intracellular Delivery of Biofunctional Proteins. <i>Journal of the American Chemical Society</i> , 2018, 140, 7282-7291.	13.7	277
5	Calcium-activated RAF/MEK/ERK Signaling Pathway Mediates p53-dependent Apoptosis and Is Abrogated by β -Crystallin through Inhibition of RAS Activation. <i>Molecular Biology of the Cell</i> , 2005, 16, 4437-4453.	2.1	173
6	Dixdc1 Is a Critical Regulator of DISC1 and Embryonic Cortical Development. <i>Neuron</i> , 2010, 67, 33-48.	8.1	132
7	Common DISC1 Polymorphisms Disrupt Wnt/GSK3 β Signaling and Brain Development. <i>Neuron</i> , 2011, 72, 545-558.	8.1	110
8	DREADD in Parvalbumin Interneurons of the Dentate Gyrus Modulates Anxiety, Social Interaction and Memory Extinction. <i>Current Molecular Medicine</i> , 2016, 16, 91-102.	1.3	94
9	Human bcl-2 Gene Attenuates the Ability of Rabbit Lens Epithelial Cells against H ₂ O ₂ -induced Apoptosis through Down-regulation of the β -crystallin Gene. <i>Journal of Biological Chemistry</i> , 2001, 276, 43435-43445.	3.4	82
10	Human telomerase accelerates growth of lens epithelial cells through regulation of the genes mediating RB/E2F pathway. <i>Oncogene</i> , 2002, 21, 3784-3791.	5.9	80
11	Caspase-3 Is Actively Involved in Okadaic Acid-Induced Lens Epithelial Cell Apoptosis. <i>Experimental Cell Research</i> , 2001, 266, 279-291.	2.6	61
12	Deletion of CTNBN1 in inhibitory circuitry contributes to autism-associated behavioral defects. <i>Human Molecular Genetics</i> , 2016, 25, ddw131.	2.9	59
13	A critical role of RBM8a in proliferation and differentiation of embryonic neural progenitors. <i>Neural Development</i> , 2015, 10, 18.	2.4	52
14	Polycistronic tRNA and CRISPR guide-RNA enables highly efficient multiplexed genome engineering in human cells. <i>Biochemical and Biophysical Research Communications</i> , 2017, 482, 889-895.	2.1	50
15	Systematic Analysis of Gene Expression Alteration and Co-Expression Network of Eukaryotic Initiation Factor 4A-3 in Cancer. <i>Journal of Cancer</i> , 2018, 9, 4568-4577.	2.5	49
16	Expression and gene regulation network of RBM8A in hepatocellular carcinoma based on data mining. <i>Aging</i> , 2019, 11, 423-447.	3.1	49
17	hTERT Can Function with Rabbit Telomerase RNA: Regulation of Gene Expression and Attenuation of Apoptosis. <i>Biochemical and Biophysical Research Communications</i> , 2000, 278, 503-510.	2.1	47
18	A novel role for Gab2 in bFGF-mediated cell survival during retinoic acid-induced neuronal differentiation. <i>Journal of Cell Biology</i> , 2005, 170, 305-316.	5.2	44

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19	Identification of molecular correlations of RBM8A with autophagy in Alzheimer's disease. <i>Aging</i> , 2019, 11, 11673-11685.	3.1	43
20	Human Bcl-2 activates ERK signaling pathway to regulate activating protein-1, lens epithelium-derived growth factor and downstream genes. <i>Oncogene</i> , 2004, 23, 7310-7321.	5.9	41
21	Disc1 regulates both β -catenin-mediated and noncanonical Wnt signaling during vertebrate embryogenesis. <i>FASEB Journal</i> , 2011, 25, 4184-4197.	0.5	41
22	Multiplexed Detection of Protein~Peptide Interaction and Inhibition Using Capillary Electrophoresis. <i>Analytical Chemistry</i> , 2007, 79, 1690-1695.	6.5	40
23	Interactome analysis reveals ZNF804A, a schizophrenia risk gene, as a novel component of protein translational machinery critical for embryonic neurodevelopment. <i>Molecular Psychiatry</i> , 2018, 23, 952-962.	7.9	40
24	An EJC Factor RBM8a Regulates Anxiety Behaviors. <i>Current Molecular Medicine</i> , 2013, 13, 887-899.	1.3	35
25	Human Telomerase Reverse Transcriptase Immortalizes Bovine Lens Epithelial Cells and Suppresses Differentiation through Regulation of the ERK Signaling Pathway. <i>Journal of Biological Chemistry</i> , 2005, 280, 22776-22787.	3.4	29
26	Measurement of dissociation rate of biomolecular complexes using CE. <i>Electrophoresis</i> , 2009, 30, 457-464.	2.4	24
27	Displacement and hybridization reactions in aptamer-functionalized hydrogels for biomimetic protein release and signal transduction. <i>Chemical Science</i> , 2017, 8, 7306-7311.	7.4	24
28	Rapid Size-Based Isolation of Extracellular Vesicles by Three-Dimensional Carbon Nanotube Arrays. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 13134-13139.	8.0	23
29	Expression and Activity of the Signaling Molecules for Mitogen-Activated Protein Kinase Pathways in Human, Bovine, and Rat Lenses. , 2003, 44, 5277.		22
30	The GluN2B subunit of N-methyl-D-aspartate receptor regulates the radial migration of cortical neurons in vivo. <i>Brain Research</i> , 2015, 1610, 20-32.	2.2	19
31	The PP2A-A β Gene is Regulated by Multiple Transcriptional Factors Including Ets-1, SP1/SP3, and RXR β . <i>Current Molecular Medicine</i> , 2012, 12, 982-994.	1.3	18
32	Full function of exon junction complex factor, Rbm8a, is critical for interneuron development. <i>Translational Psychiatry</i> , 2020, 10, 379.	4.8	16
33	The Physiological Roles of the Exon Junction Complex in Development and Diseases. <i>Cells</i> , 2022, 11, 1192.	4.1	15
34	Schizophrenia risk ZNF804A interacts with its associated proteins to modulate dendritic morphology and synaptic development. <i>Molecular Brain</i> , 2021, 14, 12.	2.6	14
35	Light-Emitting Transition Metal Dichalcogenide Monolayers under Cellular Digestion. <i>Advanced Materials</i> , 2018, 30, 1703321.	21.0	13
36	Gab2 Promotes Colony-Stimulating Factor 1-Regulated Macrophage Expansion via Alternate Effectors at Different Stages of Development. <i>Molecular and Cellular Biology</i> , 2011, 31, 4563-4581.	2.3	11

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37	Applying Stereotactic Injection Technique to Study Genetic Effects on Animal Behaviors. <i>Journal of Visualized Experiments</i> , 2015, , e52653.	0.3	11
38	Comprehensive analysis of biological networks and the eukaryotic initiation factor 4A gene as pivotal in hepatocellular carcinoma. <i>Journal of Cellular Biochemistry</i> , 2020, 121, 4094-4107.	2.6	11
39	Control of CNS Functions by RNA-Binding Proteins in Neurological Diseases. <i>Current Pharmacology Reports</i> , 2018, 4, 301-313.	3.0	10
40	Cloning of differential expression fragments in cauliflower after <i>Xanthomonas campestris</i> inoculation. <i>Biologia Plantarum</i> , 2008, 52, 462-468.	1.9	8
41	Opposing actions of the synapse-associated protein of 97-kDa molecular weight (SAP97) and Disrupted in Schizophrenia 1 (DISC1) on Wnt/ β -catenin signaling. <i>Neuroscience</i> , 2016, 326, 22-30.	2.3	8
42	A prenatal interruption of DISC1 function in the brain exhibits a lasting impact on adult behaviors, brain metabolism, and interneuron development. <i>Oncotarget</i> , 2017, 8, 84798-84817.	1.8	8
43	Construction of a DNA library from chromosome 4 of rice (<i>Oryza sativa</i>) by microdissection. <i>Cell Research</i> , 1998, 8, 285-293.	12.0	6
44	Molecular Insights and Prognosis Associated With RBM8A in Glioblastoma. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, 876603.	3.5	6
45	Dissecting Molecular Genetic Mechanisms of 1q21.1 CNV in Neuropsychiatric Disorders. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5811.	4.1	5
46	The Applications of Pharmacogenomics to Neurological Disorders. <i>Current Molecular Medicine</i> , 2014, 14, 880-890.	1.3	5
47	Transient enhancement of proliferation of neural progenitors and impairment of their long-term survival in p25 transgenic mice. <i>Oncotarget</i> , 2016, 7, 39148-39161.	1.8	4
48	Complex Functions of Gab2 and Gab3 in CSF-1-Dependent Signal Transduction.. <i>Blood</i> , 2005, 106, 2292-2292.	1.4	0