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List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

3,955
citations

236925

25
h-index

182427

51
g-index

65
all docs

65
docs citations

65
times ranked

6690
citing authors

#	ARTICLE	IF	CITATIONS
1	Neurosurgery at the crossroads of immunology and nanotechnology. New reality in the COVID-19 pandemic. <i>Advanced Drug Delivery Reviews</i> , 2022, 181, 114033.	13.7	5
2	SF3B1 inhibition disrupts malignancy and prolongs survival in glioblastoma patients through BCL2L1 splicing and mTOR/AKT-catenin pathways imbalances. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, 39.	8.6	19
3	First-line Immune Checkpoint Inhibitor Combinations in Metastatic Renal Cell Carcinoma: Where Are We Going, Where Have We Been?. <i>Drugs</i> , 2022, 82, 439-453.	10.9	3
4	RELA Fusion-Positive Ependymoma in a Child with Down Syndrome: A Case Report. <i>Pediatric Neurosurgery</i> , 2021, 56, 146-151.	0.7	1
5	A Transcriptional Regulatory Loop of Master Regulator Transcription Factors, PPARC, and Fatty Acid Synthesis Promotes Esophageal Adenocarcinoma. <i>Cancer Research</i> , 2021, 81, 1216-1229.	0.9	41
6	In vivo discovery of RNA proximal proteins via proximity-dependent biotinylation. <i>RNA Biology</i> , 2021, 18, 2203-2217.	3.1	11
7	NGMA-4. Creation of a MADR brain tumor single-cell atlas for examination of inter-/intratumor heterogeneity and the results of genetic perturbations in a diverse array of brain tumor subtypes. <i>Neuro-Oncology Advances</i> , 2021, 3, ii5-ii5.	0.7	0
8	Integrated single-cell transcriptome analysis reveals heterogeneity of esophageal squamous cell carcinoma microenvironment. <i>Nature Communications</i> , 2021, 12, 7335.	12.8	69
9	De Novo Generation of Murine and Human MADR Recipient Cell Lines for Locus-Specific, Stable Integration of Transgenic Elements. <i>STAR Protocols</i> , 2020, 1, 100184.	1.2	3
10	Splicing machinery dysregulation drives glioblastoma development/aggressiveness: oncogenic role of SRSF3. <i>Brain</i> , 2020, 143, 3273-3293.	7.6	54
11	Notch and neural development. , 2020, , 285-310.		3
12	Preparation, Assembly, and Transduction of Transgenic Elements Using Mosaic Analysis with Dual Recombinases (MADR). <i>STAR Protocols</i> , 2020, 1, 100199.	1.2	4
13	In utero electroporation-based translating ribosome affinity purification identifies age-dependent mRNA expression in cortical pyramidal neurons. <i>Neuroscience Research</i> , 2019, 143, 44-52.	1.9	3
14	Rapid Generation of Somatic Mouse Mosaics with Locus-Specific, Stably Integrated Transgenic Elements. <i>Cell</i> , 2019, 179, 251-267.e24.	28.9	40
15	Inducible Expression of GDNF in Transplanted iPSC-Derived Neural Progenitor Cells. <i>Stem Cell Reports</i> , 2018, 10, 1696-1704.	4.8	28
16	PDTM-03. CREDENTIALING NOVEL PEDIATRIC GLIOMA MODELS. <i>Neuro-Oncology</i> , 2018, 20, vi204-vi204.	1.2	0
17	Glioma cell proliferation is enhanced in the presence of tumor-derived cilia vesicles. <i>Cilia</i> , 2018, 7, 6.	1.8	30
18	Inflammation-induced Gro1 triggers senescence in neuronal progenitors: effects of estradiol. <i>Journal of Neuroinflammation</i> , 2018, 15, 260.	7.2	8

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19	Metabolic characterization of isocitrate dehydrogenase (IDH) mutant and IDH wildtype gliomaspheres uncovers cell type-specific vulnerabilities. <i>Cancer & Metabolism</i> , 2018, 6, 4.	5.0	55
20	Lethal Giant Lineage Tracing: Mutating Locally, Acting Globally. <i>Neuron</i> , 2017, 94, 417-420.	8.1	0
21	Organoid and Organ-on-a-Chip Systems: New Paradigms for Modeling Neurological and Gastrointestinal Disease. <i>Current Stem Cell Reports</i> , 2017, 3, 98-111.	1.6	22
22	Tetracycline-Inducible and Reversible Stable Gene Expression in Human iPSC-Derived Neural Progenitors and in the Postnatal Mouse Brain. <i>Current Protocols in Stem Cell Biology</i> , 2017, 41, 5A.9.1-5A.9.12.	3.0	1
23	BCL6 promotes glioma and serves as a therapeutic target. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 3981-3986.	7.1	58
24	TMOD-08. INVESTIGATING PEDIATRIC GBM USING IN VIVO SOMATIC MOUSE MOSAICS WITH LOCUS-SPECIFIC, STABLY-INTEGRATED TRANSGENIC ELEMENTS. <i>Neuro-Oncology</i> , 2017, 19, iv50-iv50.	1.2	1
25	CBIO-22. PATIENT-DERIVED GLIOBLASTOMA CELLS RELEASE CILIARY VESICLES THAT STIMULATE TUMOR CELL PROLIFERATION. <i>Neuro-Oncology</i> , 2017, 19, vi37-vi37.	1.2	0
26	Ets Factors Regulate Neural Stem Cell Depletion and Gliogenesis in Ras Pathway Glioma. <i>Cell Reports</i> , 2016, 14, 401.	6.4	0
27	In Vivo CRISPR/Cas9 Gene Editing Corrects Retinal Dystrophy in the S334ter-3 Rat Model of Autosomal Dominant Retinitis Pigmentosa. <i>Molecular Therapy</i> , 2016, 24, 556-563.	8.2	255
28	Disruption of KIF3A in patient-derived glioblastoma cells: effects on ciliogenesis, hedgehog sensitivity, and tumorigenesis. <i>Oncotarget</i> , 2016, 7, 7029-7043.	1.8	26
29	Lost highway(s): barriers to postnatal cortical neurogenesis and implications for brain repair. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 216.	3.7	7
30	A Transposon-Mediated System for Flexible Control of Transgene Expression in Stem and Progenitor-Derived Lineages. <i>Stem Cell Reports</i> , 2015, 4, 323-331.	4.8	8
31	Mutations within the Pathogenic Region of Herpes Simplex Virus 1 gK Signal Sequences Alter Cell Surface Expression and Neurovirulence. <i>Journal of Virology</i> , 2015, 89, 2530-2542.	3.4	10
32	Ets Factors Regulate Neural Stem Cell Depletion and Gliogenesis in Ras Pathway Glioma. <i>Cell Reports</i> , 2015, 12, 258-271.	6.4	53
33	T-cell TGF- β signaling abrogation restricts medulloblastoma progression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E3458-66.	7.1	43
34	Neonatal Pial Surface Electroporation. <i>Journal of Visualized Experiments</i> , 2014, , .	0.3	4
35	A Transgenic Alzheimer Rat with Plaques, Tau Pathology, Behavioral Impairment, Oligomeric A β , and Frank Neuronal Loss. <i>Journal of Neuroscience</i> , 2013, 33, 6245-6256.	3.6	376
36	Arborization of Dendrites by Developing Neocortical Neurons Is Dependent on Primary Cilia and Type 3 Adenylyl Cyclase. <i>Journal of Neuroscience</i> , 2013, 33, 2626-2638.	3.6	117

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37	Brain injury, neuroinflammation and Alzheimer's disease. <i>Frontiers in Aging Neuroscience</i> , 2013, 5, 26.	3.4	87
38	Primary Cilia in Cerebral Cortex: Growth and Functions on Neuronal and Non-neuronal Cells. , 2013, , 105-129.		1
39	Rapid genetic targeting of pial surface neural progenitors and immature neurons by neonatal electroporation. <i>Neural Development</i> , 2012, 7, 26.	2.4	23
40	Basic Biology and Mechanisms of Neural Ciliogenesis and the B9 Family. <i>Molecular Neurobiology</i> , 2012, 45, 564-570.	4.0	7
41	Development and distribution of neuronal cilia in mouse neocortex. <i>Journal of Comparative Neurology</i> , 2012, 520, 848-873.	1.6	77
42	Coordinating Migratory Neuron Polarization by Numb-ing Communication. <i>Developmental Cell</i> , 2011, 20, 578-580.	7.0	1
43	Neural Stem Cells: Historical Perspective and Future Prospects. <i>Neuron</i> , 2011, 70, 614-625.	8.1	140
44	Not(ch) just development: Notch signalling in the adult brain. <i>Nature Reviews Neuroscience</i> , 2011, 12, 269-283.	10.2	384
45	FGF Signaling Expands Embryonic Cortical Surface Area by Regulating Notch-Dependent Neurogenesis. <i>Journal of Neuroscience</i> , 2011, 31, 15604-15617.	3.6	85
46	Failed Cytokinesis of Neural Progenitors in Citron Kinase-Deficient Rats Leads to Multiciliated Neurons. <i>Cerebral Cortex</i> , 2011, 21, 338-344.	2.9	21
47	Cilia in the brain: going with the flow. <i>Nature Neuroscience</i> , 2010, 13, 654-655.	14.8	23
48	Profiling Identifies Precursor Suspects: Notch Family Again!. <i>Cell Stem Cell</i> , 2010, 6, 401-402.	11.1	1
49	Decision by division: making cortical maps. <i>Trends in Neurosciences</i> , 2009, 32, 291-301.	8.6	252
50	The <i>stumpy</i> gene is required for mammalian ciliogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 2853-2858.	7.1	86
51	Primary cilia regulate hippocampal neurogenesis by mediating sonic hedgehog signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 13127-13132.	7.1	285
52	The pRb/E2F cell-cycle pathway mediates cell death in Parkinson's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 3585-3590.	7.1	245
53	Nestin-CreER Mice Reveal DNA Synthesis by Nonapoptotic Neurons following Cerebral Ischemia-Hypoxia. <i>Cerebral Cortex</i> , 2007, 17, 2585-2592.	2.9	78
54	Notch regulates cell fate and dendrite morphology of newborn neurons in the postnatal dentate gyrus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 20558-20563.	7.1	364

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55	Glowing Green Pyramids: A False Positive for Neocortical Neurogenesis Reveals a Novel Neuronal-Microglial Fusion in the Postnatal Brain. <i>Journal of Neuroscience</i> , 2007, 27, 1507-1508.	3.6	1
56	Everything that Glitters Isn't Gold: A Critical Review of Postnatal Neural Precursor Analyses. <i>Cell Stem Cell</i> , 2007, 1, 612-627.	11.1	129
57	Numb and Numbl are required for maintenance of cadherin-based adhesion and polarity of neural progenitors. <i>Nature Neuroscience</i> , 2007, 10, 819-827.	14.8	294