Terry C Burns

List of Publications by Year
in descending order

36	1,524	394421 19	361022 35
papers	citations	h-index	g-index

39	39	39	2604
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Stem cells for ischemic brain injury: A critical review. Journal of Comparative Neurology, 2009, 515, 125-144.	1.6	195
2	Consensus recommendations for a standardized brain tumor imaging protocol for clinical trials in brain metastases. Neuro-Oncology, 2020, 22, 757-772.	1.2	131
3	Hematopoietic reconstitution by multipotent adult progenitor cells: precursors to long-term hematopoietic stem cells. Journal of Experimental Medicine, 2007, 204, 129-139.	8.5	126
4	Genomic and Phenotypic Characterization of a Broad Panel of Patient-Derived Xenografts Reflects the Diversity of Glioblastoma. Clinical Cancer Research, 2020, 26, 1094-1104.	7.0	124
5	Thymidine Analogs Are Transferred from Prelabeled Donor to Host Cells in the Central Nervous System After Transplantation: A Word of Caution. Stem Cells, 2006, 24, 1121-1127.	3.2	104
6	Integrated multi-cohort transcriptional meta-analysis of neurodegenerative diseases. Acta Neuropathologica Communications, 2014, 2, 93.	5.2	94
7	Intracranial hypotension producing reversible coma: a systematic review, including three new cases. Journal of Neurosurgery, 2012, 117, 615-628.	1.6	75
8	Radiation-Induced Alterations in the Recurrent Glioblastoma Microenvironment: Therapeutic Implications. Frontiers in Oncology, 2018, 8, 503.	2.8	63
9	Elimination of Radiation-Induced Senescence in the Brain Tumor Microenvironment Attenuates Glioblastoma Recurrence. Cancer Research, 2021, 81, 5935-5947.	0.9	62
10	Mouse models rarely mimic the transcriptome of human neurodegenerative diseases: A systematic bioinformatics-based critique of preclinical models. European Journal of Pharmacology, 2015, 759, 101-117.	3.5	60
11	Stem cells and stroke: opportunities, challenges and strategies. Expert Opinion on Biological Therapy, 2011, 11, 447-461.	3.1	57
12	Agingâ€like changes in the transcriptome of irradiated microglia. Glia, 2015, 63, 754-767.	4.9	50
13	Radiation-induced brain injury: low-hanging fruit for neuroregeneration. Neurosurgical Focus, 2016, 40, E3.	2.3	44
14	Insurance correlates with improved access to care and outcome among glioblastoma patients. Neuro-Oncology, 2018, 20, 1374-1382.	1.2	34
15	Harnessing Radiation Biology to Augment Immunotherapy for Glioblastoma. Frontiers in Oncology, 2019, 8, 656.	2.8	32
16	Endoscopic Transnasal Approach for Urgent Decompression of the Craniocervical Junction in Acute Skull Base Osteomyelitis. Journal of Neurological Surgery Reports, 2015, 76, e37-e42.	0.6	23
17	Using germline variants to estimate glioma and subtype risks. Neuro-Oncology, 2019, 21, 451-461.	1.2	23
18	Radiation Induced Metabolic Alterations Associate With Tumor Aggressiveness and Poor Outcome in Glioblastoma. Frontiers in Oncology, 2020, 10, 535.	2.8	22

#	Article	IF	Citations
19	Selective Vulnerability of Senescent Glioblastoma Cells to BCL-XL Inhibition. Molecular Cancer Research, 2022, 20, 938-948.	3.4	22
20	Brain Perfusion and Diffusion Abnormalities in Children Treated for Posterior Fossa Brain Tumors. Journal of Pediatrics, 2017, 185, 173-180.e3.	1.8	21
21	Detection of neuronal loss using T1Ï•MRI assessment of 1H2O spin dynamics in the aphakia mouse. Journal of Neuroscience Methods, 2009, 177, 160-167.	2.5	20
22	MAPC culture conditions support the derivation of cells with nascent hypoblast features from bone marrow and blastocysts. Journal of Molecular Cell Biology, 2012, 4, 423-426.	3.3	20
23	Adult diffuse glioma GWAS by molecular subtype identifies variants inD2HGDHandFAM20C. Neuro-Oncology, 2020, 22, 1602-1613.	1.2	19
24	From mice to mind: Strategies and progress in translating neuroregeneration. European Journal of Pharmacology, 2015, 759, 90-100.	3.5	16
25	Controlling and Monitoring Stem Cell Safety In Vivo in an Experimental Rodent Model. Stem Cells, 2014, 32, 2833-2844.	3.2	14
26	The role of radiation and chemotherapy in adult patients with high-grade brainstem gliomas: results from the National Cancer Database. Journal of Neuro-Oncology, 2020, 146, 303-310.	2.9	13
27	Regenerative medicine for neurological diseasesâ€"will regenerative neurosurgery deliver?. BMJ, The, 2021, 373, n955.	6.0	11
28	Glioblastoma Recurrence Versus Treatment Effect in a Pathology-Documented Series. Canadian Journal of Neurological Sciences, 2020, 47, 525-530.	0.5	10
29	Remyelination therapies for multiple sclerosis: optimizing translation from animal models into clinical trials. Expert Opinion on Investigational Drugs, 2021, 30, 857-876.	4.1	9
30	Responsive stimulation of motor cortex for medically and surgically refractive epilepsy. Seizure: the Journal of the British Epilepsy Association, 2015, 33, 38-40.	2.0	8
31	Adjuvant radiation for WHO grade II and III intracranial meningiomas: insights on survival and practice patterns from a National Cancer Registry. Journal of Neuro-Oncology, 2020, 149, 293-303.	2.9	7
32	Advanced MRI Protocols to Discriminate Glioma From Treatment Effects: State of the Art and Future Directions. Frontiers in Radiology, 2022, 2, .	2.0	5
33	Methods for intratumoral microdialysis probe targeting and validation in murine brain tumor models. Journal of Neuroscience Methods, 2021, 363, 109321.	2.5	3
34	Response to Letter to Editor. Neuro-Oncology, 2020, 22, 1706-1707.	1.2	1
35	Survival and associated predictors for patients with pineoblastoma or pineal parenchymal tumors of intermediate differentiation older than 3 years: Insights from the National Cancer Database. Neuro-Oncology Advances, 2022, 4, .	0.7	1
36	From Neural Stem Cells to Neuroregeneration. , 2008, , 291-326.		0