Shawn D Hingtgen

List of Publications by Year
in descending order

43	2,930	304602	276775
papers	citations	22 h-index	41 g-index

44	44	44	4230
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Use of <scp>FLOSEAL</scp>Â® as a scaffold and its impact on induced neural stem cell phenotype, persistence, and efficacy. Bioengineering and Translational Medicine, 2022, 7, .	3.9	3
2	Next-generation Tumor-homing Induced Neural Stem Cells as an Adjuvant to Radiation for the Treatment of Metastatic Lung Cancer. Stem Cell Reviews and Reports, 2022, , 1.	1.7	1
3	Spatiotemporal analysis of induced neural stem cell therapy to overcome advanced glioblastoma recurrence. Molecular Therapy - Oncolytics, 2022, 26, 49-62.	2.0	3
4	Developing Bioinspired Three-Dimensional Models of Brain Cancer to Evaluate Tumor-Homing Neural Stem Cell Therapy. Tissue Engineering - Part A, 2021, 27, 857-866.	1.6	11
5	Personalizedâ€induced neural stem cell therapy: Generation, transplant, and safety in a large animal model. Bioengineering and Translational Medicine, 2021, 6, e10171.	3.9	11
6	Intravenously Infused Stem Cells for Cancer Treatment. Stem Cell Reviews and Reports, 2021, 17, 2025-2041.	1.7	2
7	Development of next-generation tumor-homing induced neural stem cells to enhance treatment of metastatic cancers. Science Advances, 2021, 7, .	4.7	8
8	Cytotoxic Engineered Induced Neural Stem Cells as an Intravenous Therapy for Primary Nonâ€“Small Cell Lung Cancer and Triple-Negative Breast Cancer. Molecular Cancer Therapeutics, 2021, 20, 2291-2301.	1.9	1
9	Fibrin gel enhances the antitumor effects of chimeric antigen receptor T cells in glioblastoma. Science Advances, 2021, 7, eabg5841.	4.7	35
10	Generation and Profiling of Tumor-Homing Induced Neural Stem Cells from the Skin of Cancer Patients. Molecular Therapy, 2020, 28, 1614-1627.	3.7	10
11	Development and in vivo evaluation of Irinotecan-loaded Drug Eluting Seeds (iDES) for the localised treatment of recurrent glioblastoma multiforme. Journal of Controlled Release, 2020, 324, 1-16.	4.8	7
12	Polymeric Biomaterial Scaffolds for Tumoricidal Stem Cell Glioblastoma Therapy. ACS Biomaterials Science and Engineering, 2020, 6, 3762-3777.	2.6	14
13	Developing Implantable Scaffolds to Enhance Neural Stem Cell Therapy for Post-Operative Glioblastoma. Molecular Therapy, 2020, 28, 1056-1067.	3.7	24
14	Synergistic drug combinations for a precision medicine approach to interstitial glioblastoma therapy. Journal of Controlled Release, 2020, 323, 282-292.	4.8	28
15	Impact of composite scaffold degradation rate on neural stem cell persistence in the glioblastoma surgical resection cavity. Materials Science and Engineering C, 2020, 111, 110846.	3.8	8
16	Tumor Responsive and Tunable Polymeric Platform for Optimized Delivery of Paclitaxel to Treat Glioblastoma. ACS Applied Materials & Interfaces, 2020, 12, 19345-19356.	4.0	32
17	Tumoricidal stem cell therapy enables killing in novel hybrid models of heterogeneous glioblastoma. Neuro-Oncology, 2019, 21, 1552-1564.	0.6	12
18	Engineered Mesenchymal Stem Cell/Nanomedicine Spheroid as an Active Drug Delivery Platform for Combinational Glioblastoma Therapy. Nano Letters, 2019, 19, 1701-1705.	4.5	71

#	Article	IF	Citations
19	Sustained Delivery of Doxorubicin via Acetalated Dextran Scaffold Prevents Glioblastoma Recurrence after Surgical Resection. Molecular Pharmaceutics, 2018, 15, 1309-1318.	2.3	38
20	EXTH-59. INTRACRANIAL IMPLANTATION OF TUMORICIDAL STEM CELL-SEEDED SCAFFOLDS AFTER GLIOBLASTOMA RESECTION. Neuro-Oncology, 2018, 20, vi97-vi98.	0.6	0
21	TMOD-31. NOVEL HETEROGENEOUS GLIOBLASTOMA MODELS TO OPTIMIZE HUMAN TUMORICIDAL NEURAL STEM CELL THERAPY. Neuro-Oncology, 2018, 20, vi275-vi275.	0.6	0
22	Delivery of Cytotoxic Mesenchymal Stem Cells with Biodegradable Scaffolds for Treatment of Postoperative Brain Cancer. Methods in Molecular Biology, 2018, 1831, 49-58.	0.4	9
23	Intra-cavity stem cell therapy inhibits tumor progression in a novel murine model of medulloblastoma surgical resection. PLoS ONE, 2018, 13, e0198596.	1.1	9
24	Image-Guided Resection of Glioblastoma and Intracranial Implantation of Therapeutic Stem Cell-seeded Scaffolds. Journal of Visualized Experiments, 2018, , .	0.2	4
25	Tumor-homing cytotoxic human induced neural stem cells for cancer therapy. Science Translational Medicine, 2017, 9, .	5.8	71
26	Tumor-homing Stem Cell Therapy for Brain Cancer. Current Surgery Reports, 2017, 5, 1.	0.4	7
27	TMOD-34. REACTIVE ASTROCYTES POTENTIATE TUMOR AGGRESSIVENESS IN AÂMURINE GLIOMA RESECTION AND RECURRENCE MODEL. Neuro-Oncology, 2016, 18, vi214-vi214.	0.6	1
28	Reactive astrocytes potentiate tumor aggressiveness in a murine glioma resection and recurrence model. Neuro-Oncology, 2016, 18, 1622-1633.	0.6	92
29	Therapeutically engineered induced neural stem cells are tumour-homing and inhibit progression of glioblastoma. Nature Communications, 2016, 7, 10593.	5.8	99
30	Electrospun nanofibrous scaffolds increase the efficacy of stem cell-mediated therapy of surgically resected glioblastoma. Biomaterials, 2016, 90, 116-125.	5.7	57
31	Fibrin matrices enhance the transplant and efficacy of cytotoxic stem cell therapy for post-surgical cancer. Biomaterials, 2016, 84, 42-53.	5.7	29
32	Development of exosome-encapsulated paclitaxel to overcome MDR in cancer cells. Nanomedicine: Nanotechnology, Biology, and Medicine, 2016, 12, 655-664.	1.7	991
33	Neural stem cell therapy for cancer. Methods, 2016, 99, 37-43.	1.9	53
34	Engineering Toxin-Resistant Therapeutic Stem Cells to Treat Brain Tumors. Stem Cells, 2015, 33, 589-600.	1.4	31
35	Stem Cells Loaded With Multimechanistic Oncolytic Herpes Simplex Virus Variants for Brain Tumor Therapy. Journal of the National Cancer Institute, 2014, 106, dju090.	3.0	102
36	Real-time multi-modality imaging of glioblastoma tumor resection and recurrence. Journal of Neuro-Oncology, 2013, 111, 153-161.	1.4	52

#	Article	IF	Citations
37	Specific Transfection of Inflamed Brain by Macrophages: A New Therapeutic Strategy for Neurodegenerative Diseases. PLoS ONE, 2013, 8, e61852.	1.1	124
38	A First-Generation Multi-Functional Cytokine for Simultaneous Optical Tracking and Tumor Therapy. PLoS ONE, 2012, 7, e40234.	1.1	31
39	Encapsulated therapeutic stem cells implanted in the tumor resection cavity induce cell death in gliomas. Nature Neuroscience, 2012, 15, 197-204.	7.1	194
40	A Novel Molecule Integrating Therapeutic and Diagnostic Activities Reveals Multiple Aspects of Stem Cell-based Therapy. Stem Cells, 2010, 28, 832-841.	1.4	54
41	Assessment of therapeutic efficacy and fate of engineered human mesenchymal stem cells for cancer therapy. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 4822-4827.	3.3	425
42	Targeting multiple pathways in gliomas with stem cell and viral delivered S-TRAIL and Temozolomide. Molecular Cancer Therapeutics, 2008, 7, 3575-3585.	1.9	78
43	Bimodal Viral Vectors andIn VivoImaging Reveal the Fate of Human Neural Stem Cells in Experimental Glioma Model. Journal of Neuroscience, 2008, 28, 4406-4413.	1.7	98