

Shawn D Hingtgen

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

2,930
citations

304602

22
h-index

276775

41
g-index

44
all docs

44
docs citations

44
times ranked

4230
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of exosome-encapsulated paclitaxel to overcome MDR in cancer cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016, 12, 655-664.	1.7	991
2	Assessment of therapeutic efficacy and fate of engineered human mesenchymal stem cells for cancer therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 4822-4827.	3.3	425
3	Encapsulated therapeutic stem cells implanted in the tumor resection cavity induce cell death in gliomas. <i>Nature Neuroscience</i> , 2012, 15, 197-204.	7.1	194
4	Specific Transfection of Inflamed Brain by Macrophages: A New Therapeutic Strategy for Neurodegenerative Diseases. <i>PLoS ONE</i> , 2013, 8, e61852.	1.1	124
5	Stem Cells Loaded With Multimechanistic Oncolytic Herpes Simplex Virus Variants for Brain Tumor Therapy. <i>Journal of the National Cancer Institute</i> , 2014, 106, dju090.	3.0	102
6	Therapeutically engineered induced neural stem cells are tumour-homing and inhibit progression of glioblastoma. <i>Nature Communications</i> , 2016, 7, 10593.	5.8	99
7	Bimodal Viral Vectors and <i>In Vivo</i> Imaging Reveal the Fate of Human Neural Stem Cells in Experimental Glioma Model. <i>Journal of Neuroscience</i> , 2008, 28, 4406-4413.	1.7	98
8	Reactive astrocytes potentiate tumor aggressiveness in a murine glioma resection and recurrence model. <i>Neuro-Oncology</i> , 2016, 18, 1622-1633.	0.6	92
9	Targeting multiple pathways in gliomas with stem cell and viral delivered S-TRAIL and Temozolomide. <i>Molecular Cancer Therapeutics</i> , 2008, 7, 3575-3585.	1.9	78
10	Tumor-homing cytotoxic human induced neural stem cells for cancer therapy. <i>Science Translational Medicine</i> , 2017, 9, .	5.8	71
11	Engineered Mesenchymal Stem Cell/Nanomedicine Spheroid as an Active Drug Delivery Platform for Combinational Glioblastoma Therapy. <i>Nano Letters</i> , 2019, 19, 1701-1705.	4.5	71
12	Electrospun nanofibrous scaffolds increase the efficacy of stem cell-mediated therapy of surgically resected glioblastoma. <i>Biomaterials</i> , 2016, 90, 116-125.	5.7	57
13	A Novel Molecule Integrating Therapeutic and Diagnostic Activities Reveals Multiple Aspects of Stem Cell-based Therapy. <i>Stem Cells</i> , 2010, 28, 832-841.	1.4	54
14	Neural stem cell therapy for cancer. <i>Methods</i> , 2016, 99, 37-43.	1.9	53
15	Real-time multi-modality imaging of glioblastoma tumor resection and recurrence. <i>Journal of Neuro-Oncology</i> , 2013, 111, 153-161.	1.4	52
16	Sustained Delivery of Doxorubicin via Acetalated Dextran Scaffold Prevents Glioblastoma Recurrence after Surgical Resection. <i>Molecular Pharmaceutics</i> , 2018, 15, 1309-1318.	2.3	38
17	Fibrin gel enhances the antitumor effects of chimeric antigen receptor T cells in glioblastoma. <i>Science Advances</i> , 2021, 7, eabg5841.	4.7	35
18	Tumor Responsive and Tunable Polymeric Platform for Optimized Delivery of Paclitaxel to Treat Glioblastoma. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 19345-19356.	4.0	32

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19	A First-Generation Multi-Functional Cytokine for Simultaneous Optical Tracking and Tumor Therapy. PLoS ONE, 2012, 7, e40234.	1.1	31
20	Engineering Toxin-Resistant Therapeutic Stem Cells to Treat Brain Tumors. Stem Cells, 2015, 33, 589-600.	1.4	31
21	Fibrin matrices enhance the transplant and efficacy of cytotoxic stem cell therapy for post-surgical cancer. Biomaterials, 2016, 84, 42-53.	5.7	29
22	Synergistic drug combinations for a precision medicine approach to interstitial glioblastoma therapy. Journal of Controlled Release, 2020, 323, 282-292.	4.8	28
23	Developing Implantable Scaffolds to Enhance Neural Stem Cell Therapy for Post-Operative Glioblastoma. Molecular Therapy, 2020, 28, 1056-1067.	3.7	24
24	Polymeric Biomaterial Scaffolds for Tumoricidal Stem Cell Glioblastoma Therapy. ACS Biomaterials Science and Engineering, 2020, 6, 3762-3777.	2.6	14
25	Tumoricidal stem cell therapy enables killing in novel hybrid models of heterogeneous glioblastoma. Neuro-Oncology, 2019, 21, 1552-1564.	0.6	12
26	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
27	Personalized-induced neural stem cell therapy: Generation, transplant, and safety in a large animal model. Bioengineering and Translational Medicine, 2021, 6, e10171.	3.9	11
28	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
29	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
30	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
31	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
32	Development of next-generation tumor-homing induced neural stem cells to enhance treatment of metastatic cancers. Science Advances, 2021, 7, .	4.7	8
33	Tumor-homing Stem Cell Therapy for Brain Cancer. Current Surgery Reports, 2017, 5, 1.	0.4	7
34	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
35	Image-Guided Resection of Glioblastoma and Intracranial Implantation of Therapeutic Stem Cell-seeded Scaffolds. Journal of Visualized Experiments, 2018, , .	0.2	4
36	Use of FLOSEAL® as a scaffold and its impact on induced neural stem cell phenotype, persistence, and efficacy. Bioengineering and Translational Medicine, 2022, 7, .	3.9	3

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37	Spatiotemporal analysis of induced neural stem cell therapy to overcome advanced glioblastoma recurrence. <i>Molecular Therapy - Oncolytics</i> , 2022, 26, 49-62.	2.0	3
38	Intravenously Infused Stem Cells for Cancer Treatment. <i>Stem Cell Reviews and Reports</i> , 2021, 17, 2025-2041.	1.7	2
39	TMOD-34. REACTIVE ASTROCYTES POTENTIATE TUMOR AGGRESSIVENESS IN A MURINE GLIOMA RESECTION AND RECURRENCE MODEL. <i>Neuro-Oncology</i> , 2016, 18, vi214-vi214.	0.6	1
40	Cytotoxic Engineered Induced Neural Stem Cells as an Intravenous Therapy for Primary Non-Small Cell Lung Cancer and Triple-Negative Breast Cancer. <i>Molecular Cancer Therapeutics</i> , 2021, 20, 2291-2301.	1.9	1
41	Next-generation Tumor-homing Induced Neural Stem Cells as an Adjuvant to Radiation for the Treatment of Metastatic Lung Cancer. <i>Stem Cell Reviews and Reports</i> , 2022, , 1.	1.7	1
42	EXTH-59. INTRACRANIAL IMPLANTATION OF TUMORICIDAL STEM CELL-SEEDED SCAFFOLDS AFTER GLIOBLASTOMA RESECTION. <i>Neuro-Oncology</i> , 2018, 20, vi97-vi98.	0.6	0
43	TMOD-31. NOVEL HETEROGENEOUS GLIOBLASTOMA MODELS TO OPTIMIZE HUMAN TUMORICIDAL NEURAL STEM CELL THERAPY. <i>Neuro-Oncology</i> , 2018, 20, vi275-vi275.	0.6	0