

Frank Szulzewsky

List of Publications by Year in Descending Order

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Version: 2024-04-27

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

41
papers

1,818
citations

22
h-index

42
g-index

45
ext. papers

2,439
ext. citations

6.6
avg. IF

4.85
L-index

#	Paper	IF	Citations
41	Platelet-derived growth factor beta is a potent inflammatory driver in paediatric high-grade glioma. <i>Brain</i> , 2021 , 144, 53-69	11.2	10
40	C11orf95-RELA fusion drives aberrant gene expression through the unique epigenetic regulation for ependymoma formation. <i>Acta Neuropathologica Communications</i> , 2021 , 9, 36	7.3	4
39	YAP1 and its fusion proteins in cancer initiation, progression and therapeutic resistance. <i>Developmental Biology</i> , 2021 , 475, 205-221	3.1	12
38	Utilizing preclinical models to develop targeted therapies for rare central nervous system cancers. <i>Neuro-Oncology</i> , 2021 , 23, S4-S15	1	2
37	Leveraging the replication-competent avian-like sarcoma virus/tumor virus receptor-A system for modeling human gliomas. <i>Glia</i> , 2021 , 69, 2059-2076	9	2
36	A kinase-deficient NTRK2 splice variant predominates in glioma and amplifies several oncogenic signaling pathways. <i>Nature Communications</i> , 2020 , 11, 2977	17.4	8
35	Fusing the Genetic Landscape of Infantile High-Grade Gliomas. <i>Cancer Discovery</i> , 2020 , 10, 904-906	24.4	
34	Genetic driver mutations introduced in identical cell-of-origin in murine glioblastoma reveal distinct immune landscapes but similar response to checkpoint blockade. <i>Glia</i> , 2020 , 68, 2148-2166	9	10
33	Mathematical modeling of PDGF-driven glioma reveals the dynamics of immune cells infiltrating into tumors. <i>Neoplasia</i> , 2020 , 22, 323-332	6.4	6
32	Multimodal single-cell analysis reveals distinct radioresistant stem-like and progenitor cell populations in murine glioma. <i>Glia</i> , 2020 , 68, 2486-2502	9	4
31	Anti-PD-L1 antibody direct activation of macrophages contributes to a radiation-induced abscopal response in glioblastoma. <i>Neuro-Oncology</i> , 2020 , 22, 639-651	1	22
30	Glioma-derived IL-33 orchestrates an inflammatory brain tumor microenvironment that accelerates glioma progression. <i>Nature Communications</i> , 2020 , 11, 4997	17.4	42
29	Comparison of tumor-associated YAP1 fusions identifies a recurrent set of functions critical for oncogenesis. <i>Genes and Development</i> , 2020 , 34, 1051-1064	12.6	21
28	Phenotypic characterization with somatic genome editing and gene transfer reveals the diverse oncogenicity of ependymoma fusion genes. <i>Acta Neuropathologica Communications</i> , 2020 , 8, 203	7.3	4
27	Human Mesenchymal glioblastomas are characterized by an increased immune cell presence compared to Proneural and Classical tumors. <i>Oncot Immunology</i> , 2019 , 8, e1655360	7.2	40
26	Cooperation of oncolytic virotherapy with VEGF-neutralizing antibody treatment in IDH wildtype glioblastoma depends on MMP9. <i>Neuro-Oncology</i> , 2019 , 21, 1607-1609	1	6
25	TMOD-09. TUMOR ASSOCIATED MACROPHAGE DYNAMICS IN PEDIATRIC HIGH-GRADE GLIOMAS. <i>Neuro-Oncology</i> , 2019 , 21, ii123-ii123	1	78

24	Tumour-associated macrophage-derived interleukin-1 mediates glioblastoma-associated cerebral oedema. <i>Brain</i> , 2019 , 142, 3834-3851	11.2	24
23	Arming oHSV with ULBP3 drives abscopal immunity in lymphocyte-depleted glioblastoma. <i>JCI Insight</i> , 2019 , 4,	9.9	18
22	PDTM-11. GAINING INSIGHTS INTO THE INFLAMMATORY MICROENVIRONMENT OF PEDIATRIC HIGH-GRADE GLIOMAS USING GEMMs AND PATIENT SAMPLES. <i>Neuro-Oncology</i> , 2019 , 21, vi189-vi189	1	78
21	TMOD-30. CHARACTERIZATION OF AN ALTERNATIVELY SPLICED NTRK2 VARIANT IN GLIOMAS. <i>Neuro-Oncology</i> , 2019 , 21, vi269-vi269	1	78
20	GENE-04. THE ONCOGENIC FUNCTIONS OF YAP1-GENE FUSIONS CAN BE INHIBITED BY DISRUPTION OF YAP1-TEAD INTERACTION. <i>Neuro-Oncology</i> , 2019 , 21, vi98-vi98	1	78
19	Increased expression provides a selective advantage for gain of whole chromosome 7 in IDH wild-type glioblastoma. <i>Genes and Development</i> , 2018 , 32, 512-523	12.6	21
18	Loss of host-derived osteopontin creates a glioblastoma-promoting microenvironment. <i>Neuro-Oncology</i> , 2018 , 20, 355-366	1	19
17	TMIC-05. ABS COPAL IMMUNE RESPONSE IN GLIOBLASTOMA ELICITED BY MIR124-ATTENUATED ONCOLYTIC HERPES SIMPLEX VIRUS 1 ARMED WITH UL16 BINDING PROTEIN 3. <i>Neuro-Oncology</i> , 2018 , 20, vi256-vi257	1	78
16	TMIC-53. IDENTIFICATION OF MYELOID CELL-DERIVED TRANSCRIPTS IN GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2018 , 20, vi268-vi268	1	78
15	PDTM-43. THE ROLE OF TUMOR ASSOCIATED MACROPHAGES IN PEDIATRIC HIGH-GRADE GLIOMA. <i>Neuro-Oncology</i> , 2018 , 20, vi213-vi213	1	1
14	A De Novo Mouse Model of C11orf95-RELA Fusion-Driven Ependymoma Identifies Driver Functions in Addition to NF- κ B. <i>Cell Reports</i> , 2018 , 23, 3787-3797	10.6	35
13	Mutant IDH1 regulates the tumor-associated immune system in gliomas. <i>Genes and Development</i> , 2017 , 31, 774-786	12.6	218
12	EPND-09. THE ONCOGENIC EFFECT OF C11ORF95-RELA FUSION MOSTLY DERIVES FROM FACTOR OTHER THAN NF- κ B ACTIVATION IN SUPRATENTORIAL EPENDYMOMA. <i>Neuro-Oncology</i> , 2017 , 19, iv17-iv17	1	78
11	Genetic driver mutations define the expression signature and microenvironmental composition of high-grade gliomas. <i>Glia</i> , 2017 , 65, 1914-1926	9	37
10	The subpopulation of microglia expressing functional muscarinic acetylcholine receptors expands in stroke and Alzheimer's disease. <i>Brain Structure and Function</i> , 2016 , 221, 1157-72	4	39
9	TMIC-17. SUBTYPE-SPECIFIC CELLULAR COMPOSITION OF THE GLIOBLASTOMA MICROENVIRONMENT. <i>Neuro-Oncology</i> , 2016 , 18, vi203-vi203	1	
8	Human glioblastoma-associated microglia/monocytes express a distinct RNA profile compared to human control and murine samples. <i>Glia</i> , 2016 , 64, 1416-36	9	71
7	Vascular signal transducer and activator of transcription-3 promotes angiogenesis and neuroplasticity long-term after stroke. <i>Circulation</i> , 2015 , 131, 1772-82	16.7	46

6	Altered microglial phagocytosis in GPR34-deficient mice. <i>Glia</i> , 2015 , 63, 206-15	9	46
5	Glioma-associated microglia/macrophages display an expression profile different from M1 and M2 polarization and highly express Gpnmb and Spp1. <i>PLoS ONE</i> , 2015 , 10, e0116644	3-7	227
4	Loss of CX3CR1 increases accumulation of inflammatory monocytes and promotes gliomagenesis. <i>Oncotarget</i> , 2015 , 6, 15077-94	3-3	117
3	The subpopulation of microglia sensitive to neurotransmitters/neurohormones is modulated by stimulation with LPS, interferon- γ and IL-4. <i>Glia</i> , 2014 , 62, 667-79	9	50
2	NTPDase1 activity attenuates microglial phagocytosis. <i>Purinergic Signalling</i> , 2013 , 9, 199-205	3-8	31
1	Toll-like receptor 2 mediates microglia/brain macrophage MT1-MMP expression and glioma expansion. <i>Neuro-Oncology</i> , 2013 , 15, 1457-68	1	76