

Frank Szulzewsky

List of Publications by Citations

Source: <https://exaly.com/author-pdf/340203/frank-szulzewsky-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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
40	Mutant IDH1 regulates the tumor-associated immune system in gliomas. <i>Genes and Development</i> , 2017 , 31, 774-786	12.6	218
39	Loss of CX3CR1 increases accumulation of inflammatory monocytes and promotes gliomagenesis. <i>Oncotarget</i> , 2015 , 6, 15077-94	3.3	117
38	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
37	TMOD-09. TUMOR ASSOCIATED MACROPHAGE DYNAMICS IN PEDIATRIC HIGH-GRADE GLIOMAS. <i>Neuro-Oncology</i> , 2019 , 21, ii123-ii123	1	78
36	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
35	TMOD-30. CHARACTERIZATION OF AN ALTERNATIVELY SPLICED NTRK2 VARIANT IN GLIOMAS. <i>Neuro-Oncology</i> , 2019 , 21, vi269-vi269	1	78
34	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
33	TMIC-05. ABSCOPAL 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
32	TMIC-53. IDENTIFICATION OF MYELOID CELL-DERIVED TRANSCRIPTS IN GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2018 , 20, vi268-vi268	1	78
31	Toll-like receptor 2 mediates microglia/brain macrophage MT1-MMP expression and glioma expansion. <i>Neuro-Oncology</i> , 2013 , 15, 1457-68	1	76
30	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
29	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
28	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
27	Altered microglial phagocytosis in GPR34-deficient mice. <i>Glia</i> , 2015 , 63, 206-15	9	46
26	Glioma-derived IL-33 orchestrates an inflammatory brain tumor microenvironment that accelerates glioma progression. <i>Nature Communications</i> , 2020 , 11, 4997	17.4	42
25	Human Mesenchymal glioblastomas are characterized by an increased immune cell presence compared to Proneural and Classical tumors. <i>Onc Immunology</i> , 2019 , 8, e1655360	7.2	40

24	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
23	Genetic driver mutations define the expression signature and microenvironmental composition of high-grade gliomas. <i>Glia</i> , 2017 , 65, 1914-1926	9	37
22	A De Novo Mouse Model of C11orf95-RELA Fusion-Driven Ependymoma Identifies Driver Functions in Addition to NF-B. <i>Cell Reports</i> , 2018 , 23, 3787-3797	10.6	35
21	NTPDase1 activity attenuates microglial phagocytosis. <i>Purinergic Signalling</i> , 2013 , 9, 199-205	3.8	31
20	Tumour-associated macrophage-derived interleukin-1 mediates glioblastoma-associated cerebral oedema. <i>Brain</i> , 2019 , 142, 3834-3851	11.2	24
19	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
18	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
17	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
16	Loss of host-derived osteopontin creates a glioblastoma-promoting microenvironment. <i>Neuro-Oncology</i> , 2018 , 20, 355-366	1	19
15	Arming oHSV with ULBP3 drives abscopal immunity in lymphocyte-depleted glioblastoma. <i>JCI Insight</i> , 2019 , 4,	9.9	18
14	YAP1 and its fusion proteins in cancer initiation, progression and therapeutic resistance. <i>Developmental Biology</i> , 2021 , 475, 205-221	3.1	12
13	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
12	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
11	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
10	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
9	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
8	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
7	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

6	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
5	Utilizing preclinical models to develop targeted therapies for rare central nervous system cancers. <i>Neuro-Oncology</i> , 2021 , 23, S4-S15	1	2
4	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
3	PDTM-43. THE ROLE OF TUMOR ASSOCIATED MACROPHAGES IN PEDIATRIC HIGH-GRADE GLIOMA. <i>Neuro-Oncology</i> , 2018 , 20, vi213-vi213	1	1
2	Fusing the Genetic Landscape of Infantile High-Grade Gliomas. <i>Cancer Discovery</i> , 2020 , 10, 904-906	24.4	
1	TMIC-17. SUBTYPE-SPECIFIC CELLULAR COMPOSITION OF THE GLIOBLASTOMA MICROENVIRONMENT. <i>Neuro-Oncology</i> , 2016 , 18, vi203-vi203	1	