

# Carol Tang

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

1,231  
citations

516215

16  
h-index

476904

29  
g-index

35  
all docs

35  
docs citations

35  
times ranked

2428  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cancer stem cell: target for anti-cancer therapy. <i>FASEB Journal</i> , 2007, 21, 3777-3785.	0.2	241
2	Attenuated adenosine-to-inosine editing of microRNA-376a* promotes invasiveness of glioblastoma cells. <i>Journal of Clinical Investigation</i> , 2012, 122, 4059-4076.	3.9	175
3	Targetable BET proteins- and E2F1-dependent transcriptional program maintains the malignancy of glioblastoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E5086-E5095.	3.3	87
4	Parkin Pathway Activation Mitigates Glioma Cell Proliferation and Predicts Patient Survival. <i>Cancer Research</i> , 2012, 72, 2543-2553.	0.4	78
5	Characterization of a side population of astrocytoma cells in response to temozolomide. <i>Journal of Neurosurgery</i> , 2008, 109, 856-866.	0.9	71
6	A STAT3-based gene signature stratifies glioma patients for targeted therapy. <i>Nature Communications</i> , 2019, 10, 3601.	5.8	67
7	Cryopreservation of Neurospheres Derived from Human Glioblastoma Multiforme. <i>Stem Cells</i> , 2009, 27, 29-39.	1.4	56
8	Protein phosphatase 2A regulates self-renewal of <i>Drosophila</i> neural stem cells. <i>Development (Cambridge)</i> , 2009, 136, 2287-2296.	1.2	51
9	Mechanical confinement triggers glioma linear migration dependent on formin FHOD3. <i>Molecular Biology of the Cell</i> , 2016, 27, 1246-1261.	0.9	51
10	ST3GAL1-Associated Transcriptomic Program in Glioblastoma Tumor Growth, Invasion, and Prognosis. <i>Journal of the National Cancer Institute</i> , 2016, 108, .	3.0	48
11	Collaboration of 3D context and extracellular matrix in the development of glioma stemness in a 3D model. <i>Biomaterials</i> , 2016, 78, 62-73.	5.7	40
12	Epi-Detected Hyperspectral Stimulated Raman Scattering Microscopy for Label-Free Molecular Subtyping of Glioblastomas. <i>Analytical Chemistry</i> , 2018, 90, 10249-10255.	3.2	36
13	Non-Invasive Multimodality Imaging Directly Shows TRPM4 Inhibition Ameliorates Stroke Reperfusion Injury. <i>Translational Stroke Research</i> , 2019, 10, 91-103.	2.3	31
14	A screening platform for glioma growth and invasion using bioluminescence imaging. <i>Journal of Neurosurgery</i> , 2009, 111, 238-246.	0.9	30
15	Topography of transcriptionally active chromatin in glioblastoma. <i>Science Advances</i> , 2021, 7, .	4.7	19
16	Pathogenic mutations in neurofibromin identifies a leucine-rich domain regulating glioma cell invasiveness. <i>Oncogene</i> , 2019, 38, 5367-5380.	2.6	18
17	The SCF <sup>Slimb</sup> E3 ligase complex regulates asymmetric division to inhibit neuroblast overgrowth. <i>EMBO Reports</i> , 2014, 15, 165-174.	2.0	17
18	Microglial SMAD4 regulated by microRNA-146a promotes migration of microglia which support tumor progression in a glioma environment. <i>Oncotarget</i> , 2018, 9, 24950-24969.	0.8	17

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19	Insights into the cancer stem cell model of glioma tumorigenesis. <i>Annals of the Academy of Medicine, Singapore</i> , 2007, 36, 352-7.	0.2	17
20	Progenitor-like Traits Contribute to Patient Survival and Prognosis in Oligodendroglial Tumors. <i>Clinical Cancer Research</i> , 2012, 18, 4122-4135.	3.2	16
21	Adaptive mechanoproperties mediated by the formin FMN1 characterize glioblastoma fitness for invasion. <i>Developmental Cell</i> , 2021, 56, 2841-2855.e8.	3.1	12
22	Integrative multi-omics approach to targeted therapy for glioblastoma. <i>Pharmacological Research</i> , 2022, 182, 106308.	3.1	9
23	Mapping the Intratumoral Heterogeneity in Glioblastomas with Hyperspectral Stimulated Raman Scattering Microscopy. <i>Analytical Chemistry</i> , 2021, 93, 2377-2384.	3.2	8
24	Cryopreservation of cancer-initiating cells derived from glioblastoma. <i>Frontiers in Bioscience - Scholar</i> , 2011, S3, 698-708.	0.8	7
25	Chromosomal breaks at FRA18C: association with reduced DOK6 expression, altered oncogenic signaling and increased gastric cancer survival. <i>Npj Precision Oncology</i> , 2017, 1, 9.	2.3	7
26	Kinomic profile in patient-derived glioma cells during hypoxia reveals c-MET-PI3K dependency for adaptation. <i>Theranostics</i> , 2021, 11, 5127-5142.	4.6	7
27	Glioma-Propagating Cells as an In Vitro Screening Platform. <i>Journal of Biomolecular Screening</i> , 2012, 17, 1136-1150.	2.6	6
28	Identification of Targets from LRRK2 Rescue Phenotypes. <i>Cells</i> , 2021, 10, 76.	1.8	4
29	Biobanking: An Important Resource for Precision Medicine in Glioblastoma. <i>Advances in Experimental Medicine and Biology</i> , 2016, 951, 47-56.	0.8	3
30	Glioblastoma Multiforme: Cryopreservation of Brain Tumor-Initiating Cells (Method). , 2012, , 95-101.		0
31	CSIG-03. STAT3-BASED PATIENT STRATIFICATION IN PRECISION NEURO-ONCOLOGY. <i>Neuro-Oncology</i> , 2019, 21, vi44-vi44.	0.6	0
32	Abstract 2123: Chromatin profiling of glioblastoma tissues identifies core oncogenic dependency and therapeutic opportunities. , 2021, , .		0
33	Glioma Propagating Cells Show Enhanced Chemoresistance and Radioresistance (an Update). <i>Stem Cells and Cancer Stem Cells</i> , 2014, , 75-91.	0.1	0