

# Ganesh Rao

## List of Publications by Year in descending order

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Version: 2024-02-01

66  
papers

6,702  
citations

201674

27  
h-index

133252

59  
g-index

67  
all docs

67  
docs citations

67  
times ranked

10424  
citing authors

#	ARTICLE	IF	CITATIONS
1	Combined immunotherapy with controlled interleukin-12 gene therapy and immune checkpoint blockade in recurrent glioblastoma: An open-label, multi-institutional phase I trial. <i>Neuro-Oncology</i> , 2022, 24, 951-963.	1.2	44
2	Central nervous system immune interactome is a function of cancer lineage, tumor microenvironment, and STAT3 expression. <i>JCI Insight</i> , 2022, 7, .	5.0	7
3	Efficacy of laser interstitial thermal therapy (LITT) for newly diagnosed and recurrent <i>IDH</i> wild-type glioblastoma. <i>Neuro-Oncology Advances</i> , 2022, 4, .	0.7	14
4	Racial and Socioeconomic Disparities in Patients With Meningioma: A Retrospective Cohort Study. <i>Neurosurgery</i> , 2022, 90, 114-123.	1.1	8
5	Recurrent HGNET-MN1 altered (astroblastoma MN1-altered) of the foramen magnum: Case report and molecular classification. , 2022, 13, 139.		3
6	LGG-47. Single-cell RNA Sequencing Reveals Immunosuppressive Myeloid Cell Diversity During Malignant Progression in Glioma. <i>Neuro-Oncology</i> , 2022, 24, 199-199.	1.2	0
7	Sox9 directs divergent epigenomic states in brain tumor subtypes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	6
8	The history of neurosurgery at Baylor College of Medicine. <i>Journal of Neurosurgery</i> , 2021, , 1-11.	1.6	1
9	POT1 Regulates Proliferation and Confers Sexual Dimorphism in Glioma. <i>Cancer Research</i> , 2021, 81, 2703-2713.	0.9	5
10	Prolonged survival after laser interstitial thermal therapy in glioblastoma. , 2021, 12, 228.		7
11	Laser Interstitial Thermal Therapy for Glioblastoma: A Single-Center Experience. <i>World Neurosurgery</i> , 2021, 149, e244-e252.	1.3	13
12	Autism-Associated Vigilin Depletion Impairs DNA Damage Repair. <i>Molecular and Cellular Biology</i> , 2021, 41, e0008221.	2.3	8
13	CX3CR1 and malignant progression of glioma. <i>Aging</i> , 2021, 13, 20856-20857.	3.1	1
14	Clinical characterization of adult medulloblastoma and the effect of first-line therapies on outcome; The MD Anderson Cancer Center experience. <i>Neuro-Oncology Advances</i> , 2021, 3, vdab079.	0.7	6
15	Identification of diverse tumor endothelial cell populations in malignant glioma. <i>Neuro-Oncology</i> , 2021, 23, 932-944.	1.2	32
16	Laser interstitial thermal therapy for newly diagnosed glioblastoma. <i>Lasers in Medical Science</i> , 2021, , 1.	2.1	4
17	A validated integrated clinical and molecular glioblastoma long-term survival-predictive nomogram. <i>Neuro-Oncology Advances</i> , 2021, 3, vdaa146.	0.7	10
18	Pediatric neurosurgery at Texas Childrenâ€™s Hospital: the legacy of Dr. William R. Cheek. <i>Journal of Neurosurgery: Pediatrics</i> , 2021, , 1-7.	1.3	0

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19	CNTM-04. Alterations in structural connectomic properties associated with neurocognitive changes following glioma resection. <i>Neuro-Oncology</i> , 2021, 23, vi225-vi225.	1.2	0
20	Predictors of Local Control of Brain Metastasis Treated With Laser Interstitial Thermal Therapy. <i>Neurosurgery</i> , 2020, 87, 112-122.	1.1	30
21	Temporal Change in Tumor Volume Following Stereotactic Radiosurgery to a Single Brain Metastasis. <i>World Neurosurgery</i> , 2020, 136, e328-e333.	1.3	3
22	The use of laser interstitial thermal therapy in the treatment of brain metastases: a literature review. <i>International Journal of Hyperthermia</i> , 2020, 37, 53-60.	2.5	11
23	Multidisciplinary patient-centered management of brain metastases and future directions. <i>Neuro-Oncology Advances</i> , 2020, 2, vdaa034.	0.7	30
24	Glioblastoma multiforme: novel therapeutic targets. <i>Expert Opinion on Therapeutic Targets</i> , 2020, 24, 605-614.	3.4	36
25	Anti-PD-1 Induces M1 Polarization in the Glioma Microenvironment and Exerts Therapeutic Efficacy in the Absence of CD8 Cytotoxic T Cells. <i>Clinical Cancer Research</i> , 2020, 26, 4699-4712.	7.0	65
26	Laser Interstitial Thermal Therapy in the treatment of brain metastases and radiation necrosis. <i>Cancer Letters</i> , 2020, 489, 9-18.	7.2	19
27	Role of CX3CR1 signaling in malignant transformation of gliomas. <i>Neuro-Oncology</i> , 2020, 22, 1463-1473.	1.2	25
28	The Role of Surgery in the Management of Brain Metastases. , 2020, , 429-440.		0
29	The Role of Fibrinogen-Like Protein 2 on Immunosuppression and Malignant Progression in Glioma. <i>Journal of the National Cancer Institute</i> , 2019, 111, 292-300.	6.3	32
30	Prediction of 1p/19q Codeletion in Diffuse Glioma Patients Using Pre-operative Multiparametric Magnetic Resonance Imaging. <i>Frontiers in Computational Neuroscience</i> , 2019, 13, 52.	2.1	22
31	Fractionated stereotactic radiotherapy for local control of resected brain metastases. <i>Journal of Neuro-Oncology</i> , 2019, 144, 343-350.	2.9	25
32	Neurosurgical applications of MRI guided laser interstitial thermal therapy (LITT). <i>Cancer Imaging</i> , 2019, 19, 65.	2.8	105
33	Dynamic Contrast-Enhanced MRI in Patients with Brain Metastases Undergoing Laser Interstitial Thermal Therapy: A Pilot Study. <i>American Journal of Neuroradiology</i> , 2019, 40, 1451-1457.	2.4	5
34	Laser Interstitial Thermal Therapy to the Posterior Fossa: Challenges and Nuances. <i>World Neurosurgery</i> , 2019, 132, e124-e132.	1.3	14
35	FGL2 promotes tumor progression in the CNS by suppressing CD103+ dendritic cell differentiation. <i>Nature Communications</i> , 2019, 10, 448.	12.8	65
36	Symbiotic Macrophage-Glioma Cell Interactions Reveal Synthetic Lethality in PTEN-Null Glioma. <i>Cancer Cell</i> , 2019, 35, 868-884.e6.	16.8	202

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37	Fibrinogen-like protein 2: a potential molecular target for glioblastoma treatment. Expert Opinion on Therapeutic Targets, 2019, 23, 647-649.	3.4	3
38	National Patterns of Care in the Management of World Health Organization Grade II and III Spinal Ependymomas. World Neurosurgery, 2019, 124, e580-e594.	1.3	11
39	Volumetric response of progressing post-SRS lesions treated with laser interstitial thermal therapy. Journal of Neuro-Oncology, 2018, 137, 57-65.	2.9	36
40	Glioblastoma and acute myeloid leukemia: malignancies with striking similarities. Journal of Neuro-Oncology, 2018, 136, 223-231.	2.9	18
41	Phase I Study of DNX-2401 (Delta-24-RGD) Oncolytic Adenovirus: Replication and Immunotherapeutic Effects in Recurrent Malignant Glioma. Journal of Clinical Oncology, 2018, 36, 1419-1427.	1.6	477
42	Intraoperative MRI and Maximizing Extent of Resection. Neurosurgery Clinics of North America, 2017, 28, 477-485.	1.7	22
43	Preface. Neurosurgery Clinics of North America, 2017, 28, xiii.	1.7	0
44	Post-operative stereotactic radiosurgery versus observation for completely resected brain metastases: a single-centre, randomised, controlled, phase 3 trial. Lancet Oncology, The, 2017, 18, 1040-1048.	10.7	537
45	Analysis of the inhibitors of apoptosis identifies BIRC3 as a facilitator of malignant progression in glioma. Oncotarget, 2017, 8, 12695-12704.	1.8	30
46	Glioblastoma-infiltrated innate immune cells resemble M0 macrophage phenotype. JCI Insight, 2016, 1, .	5.0	356
47	Neurocognitive function varies by IDH1 genetic mutation status in patients with malignant glioma prior to surgical resection. Neuro-Oncology, 2016, 18, 1656-1663.	1.2	110
48	Laser interstitial thermal therapy for newly diagnosed and recurrent glioblastoma. Neurosurgical Focus, 2016, 41, E12.	2.3	94
49	Suppression of RAF/MEK or PI3K synergizes cytotoxicity of receptor tyrosine kinase inhibitors in glioma tumor-initiating cells. Journal of Translational Medicine, 2016, 14, 46.	4.4	31
50	Molecular Profiling Reveals Biologically Discrete Subsets and Pathways of Progression in Diffuse Glioma. Cell, 2016, 164, 550-563.	28.9	1,695
51	Somatic cell transfer of c-Myc and Bcl-2 induces large-cell anaplastic medulloblastomas in mice. Journal of Neuro-Oncology, 2016, 126, 415-424.	2.9	15
52	Signal transducer and activator of transcription 5b drives malignant progression in a PDGFR $\alpha$ -dependent proneural glioma model by suppressing apoptosis. International Journal of Cancer, 2015, 136, 2047-2054.	5.1	11
53	Survivin transcript variant 2 drives angiogenesis and malignant progression in proneural gliomas. Neuro-Oncology, 2014, 16, 1220-1228.	1.2	10
54	Preoperative Imaging to Predict Intraoperative Changes in Tumor-to-Corticospinal Tract Distance. Neurosurgery, 2014, 75, 23-30.	1.1	38

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55	IDH1 mutant malignant astrocytomas are more amenable to surgical resection and have a survival benefit associated with maximal surgical resection. <i>Neuro-Oncology</i> , 2014, 16, 81-91.	1.2	370
56	Effect of miR-142-3p on the M2 Macrophage and Therapeutic Efficacy Against Murine Glioblastoma. <i>Journal of the National Cancer Institute</i> , 2014, 106, .	6.3	112
57	Mesenchymal Differentiation Mediated by NF- $\kappa$ B Promotes Radiation Resistance in Glioblastoma. <i>Cancer Cell</i> , 2013, 24, 331-346.	16.8	856
58	Signal transducer and activator of transcription 3 promotes angiogenesis and drives malignant progression in glioma. <i>Neuro-Oncology</i> , 2012, 14, 1136-1145.	1.2	73
59	Preface. <i>Neurosurgery Clinics of North America</i> , 2011, 22, xi.	1.7	0
60	Epidemiology of Metastatic Brain Tumors. <i>Neurosurgery Clinics of North America</i> , 2011, 22, 1-6.	1.7	245
61	The transcriptional coactivator TAZ regulates mesenchymal differentiation in malignant glioma. <i>Genes and Development</i> , 2011, 25, 2594-2609.	5.9	326
62	Bcl-2 promotes malignant progression in a PDGF $\alpha$ -dependent murine model of oligodendroglioma. <i>International Journal of Cancer</i> , 2011, 129, 2093-2103.	5.1	18
63	Utilization of Intraoperative Motor Mapping in Glioma Surgery with High-Field Intraoperative Magnetic Resonance Imaging. <i>Stereotactic and Functional Neurosurgery</i> , 2010, 88, 345-352.	1.5	24
64	THE ASSOCIATION OF BREAST CANCER AND MENINGIOMA IN MEN AND WOMEN. <i>Neurosurgery</i> , 2009, 65, 483-489.	1.1	32
65	IMPACT OF INTRAOPERATIVE HIGH-FIELD MAGNETIC RESONANCE IMAGING GUIDANCE ON GLIOMA SURGERY. <i>Neurosurgery</i> , 2009, 64, 1073-1081.	1.1	178
66	c-Myc Enhances Sonic Hedgehog-Induced Medulloblastoma Formation from Nestin-Expressing Neural Progenitors in Mice. <i>Neoplasia</i> , 2003, 5, 198-204.	5.3	115