

# Yasin Mamatjan

## List of Publications by Year in descending order

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75  
papers

1,719  
citations

430874

18  
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302126

39  
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76  
docs citations

76  
times ranked

2410  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of the methylation classifier and ancillary methods on CNS tumor diagnostics. <i>Neuro-Oncology</i> , 2022, 24, 571-581.	1.2	39
2	DNA methylation-based prognostic subtypes of chordoma tumors in tissue and plasma. <i>Neuro-Oncology</i> , 2022, 24, 442-454.	1.2	21
3	Transcriptome and methylome analysis of CNS germ cell tumor finds its cell-of-origin in embryogenesis and reveals shared similarities with testicular counterparts. <i>Neuro-Oncology</i> , 2022, 24, 1246-1258.	1.2	14
4	Integrative analysis of non-small cell lung cancer patient-derived xenografts identifies distinct proteotypes associated with patient outcomes. <i>Nature Communications</i> , 2022, 13, 1811.	12.8	21
5	Epigenomic, genomic, and transcriptomic landscape of schwannomatosis. <i>Acta Neuropathologica</i> , 2021, 141, 101-116.	7.7	26
6	Abstract PO-060: Individualized prediction of meningioma recurrence risk over prolonged time periods. , 2021, , .		0
7	TNF $\pm$ secreted by glioma associated macrophages promotes endothelial activation and resistance against anti-angiogenic therapy. <i>Acta Neuropathologica Communications</i> , 2021, 9, 67.	5.2	28
8	ECO4-4. Hypoxia alters the DNA methylation profile of glioblastoma tumor cells. <i>Neuro-Oncology Advances</i> , 2021, 3, ii1-ii2.	0.7	0
9	ECO4-8. Lung adenocarcinoma brain metastasis prediction using tumor DNA methylation profiling. <i>Neuro-Oncology Advances</i> , 2021, 3, ii2-ii2.	0.7	0
10	MOMC-3. Hypermethylation and overexpression of HOX genes are poor prognosticators in Lower-Grade Glioma. <i>Neuro-Oncology Advances</i> , 2021, 3, ii4-ii4.	0.7	0
11	A clinically applicable integrative molecular classification of meningiomas. <i>Nature</i> , 2021, 597, 119-125.	27.8	180
12	Paediatric atypical choroid plexus papilloma: is adjuvant therapy necessary?. <i>Journal of Neuro-Oncology</i> , 2021, 155, 63-70.	2.9	6
13	Transcription factor networks of oligodendrogliomas treated with adjuvant radiotherapy or observation inform prognosis. <i>Neuro-Oncology</i> , 2021, 23, 795-802.	1.2	3
14	BRAF V600E mutant oligodendroglioma-like tumors with chromosomal instability in adolescents and young adults. <i>Brain Pathology</i> , 2020, 30, 515-523.	4.1	8
15	Rare IDH1 variants are common in pediatric hemispheric diffuse astrocytomas and frequently associated with Li-Fraumeni syndrome. <i>Acta Neuropathologica</i> , 2020, 139, 795-797.	7.7	7
16	71. MGMT PROMOTER METHYLATION IS A PROGNOSTIC BIOMARKER IN EGFR MUTANT LUNG ADENOCARCINOMA WITH BRAIN METASTASES. <i>Neuro-Oncology Advances</i> , 2020, 2, ii15-ii15.	0.7	1
17	Clinical value of methylation testing: a case report of intraventricular schwannomas with associated molecular findings. <i>Neuro-Oncology Advances</i> , 2020, 2, vdaa029.	0.7	1
18	Programmed death ligand-1 (PD-L1) expression in meningioma; prognostic significance and its association with hypoxia and NFKB2 expression. <i>Scientific Reports</i> , 2020, 10, 14115.	3.3	20

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19	Clinical impact of combined epigenetic and molecular analysis of pediatric low-grade gliomas. <i>Neuro-Oncology</i> , 2020, 22, 1474-1483.	1.2	39
20	c-Src Phosphorylates and Inhibits the Function of the CIC Tumor Suppressor Protein. <i>Molecular Cancer Research</i> , 2020, 18, 774-786.	3.4	10
21	Norrin mediates tumor-promoting and -suppressive effects in glioblastoma via Notch and Wnt. <i>Journal of Clinical Investigation</i> , 2020, 130, 3069-3086.	8.2	15
22	GCT-52. TRANSCRIPTOME OF CENTRAL NERVOUS SYSTEM GERM CELL TUMOR REVEALS ITS PATHOGENESIS AND CONTRASTS WITH TESTICULAR COUNTERPARTS IN INTEGRATED OMICS ANALYSIS. <i>Neuro-Oncology</i> , 2020, 22, iii338-iii339.	1.2	0
23	EPCO-01. LUNG ADENOCARCINOMA BRAIN METASTASIS PREDICTION, PREVENTION, AND NON-INVASIVE DIAGNOSIS USING METHYLATION SIGNATURES WITHIN TISSUE AND CIRCULATING TUMOUR DNA. <i>Neuro-Oncology</i> , 2020, 22, ii69-ii69.	1.2	0
24	BIOM-02. IDENTIFYING MGMT ALTERATIONS AS BIOMARKERS OF SURVIVAL IN LUNG ADENOCARCINOMA WITH BRAIN METASTASES. <i>Neuro-Oncology</i> , 2020, 22, ii1-ii1.	1.2	0
25	EPCO-02. MOLECULAR CHARACTERIZATION OF TWO NOVEL MPNST SUBGROUPS IDENTIFIES THERAPEUTIC OPPORTUNITIES. <i>Neuro-Oncology</i> , 2020, 22, ii69-ii69.	1.2	0
26	EPCO-04. GENOMIC AND EPIGENOMIC HALLMARKS OF SCHWANNOMATOSIS SCHWANNOMAS. <i>Neuro-Oncology</i> , 2020, 22, ii69-ii70.	1.2	0
27	Integrated Multi-Omics Characterization of Neurofibromatosis Type 1 Related Peripheral Nerve Sheath Tumors Identifies Two Distinct Malignant Peripheral Nerve Sheath Tumors Subtypes with Sonic Hedgehog or WNT Pathway Activation. <i>Neurosurgery</i> , 2019, 66, .	1.1	0
28	Hypoxia Can Induce Migration of Glioblastoma Cells Through a Methylation-Dependent Control of ODZ1 Gene Expression. <i>Frontiers in Oncology</i> , 2019, 9, 1036.	2.8	13
29	BSCI-26. COMPARATIVE METHYLATION PROFILING OF EGFR MUTANT LUNG ADENOCARCINOMA AND PAIRED BRAIN METASTASIS. <i>Neuro-Oncology Advances</i> , 2019, 1, i5-i6.	0.7	0
30	Advances in multidisciplinary therapy for meningiomas. <i>Neuro-Oncology</i> , 2019, 21, i18-i31.	1.2	102
31	DNA methylation profiling to predict recurrence risk in meningioma: development and validation of a nomogram to optimize clinical management. <i>Neuro-Oncology</i> , 2019, 21, 901-910.	1.2	184
32	A dural-based spindle cell neoplasm characterized by a novel MN1-KMT2A fusion gene. <i>Neuro-Oncology</i> , 2019, 21, 1082-1083.	1.2	3
33	CMET-30. COMPREHENSIVE METHYLOME ANALYSIS OF EGFR-MUTANT PRIMARY LUNG ADENOCARCINOMA AND MATCHED BRAIN METASTASIS. <i>Neuro-Oncology</i> , 2019, 21, vi58-vi58.	1.2	0
34	CMET-32. DNA METHYLATION ALTERATIONS IN LUNG ADENOCARCINOMAS THAT DEVELOP BRAIN METASTASES. <i>Neuro-Oncology</i> , 2019, 21, vi58-vi58.	1.2	0
35	PATH-21. CLINICAL UTILITY OF DNA METHYLATION PROFILING FOR DIAGNOSIS OF CHALLENGING CENTRAL NERVOUS SYSTEM TUMORS: THE TORONTO EXPERIENCE. <i>Neuro-Oncology</i> , 2019, 21, vi147-vi147.	1.2	0
36	The central nervous system tumor methylation classifier changes neuro-oncology practice for challenging brain tumor diagnoses and directly impacts patient care. <i>Clinical Epigenetics</i> , 2019, 11, 185.	4.1	51

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37	Life after surgical resection of a meningioma: a prospective cross-sectional study evaluating health-related quality of life. <i>Neuro-Oncology</i> , 2019, 21, i32-i43.	1.2	56
38	Imaging and diagnostic advances for intracranial meningiomas. <i>Neuro-Oncology</i> , 2019, 21, i44-i61.	1.2	100
39	Molecular and translational advances in meningiomas. <i>Neuro-Oncology</i> , 2019, 21, i4-i17.	1.2	92
40	Ketoconazole and Posaconazole Selectively Target HK2-expressing Glioblastoma Cells. <i>Clinical Cancer Research</i> , 2019, 25, 844-855.	7.0	51
41	Methylation profiling of EGFR mutant primary and metastatic lung cancer with brain metastasis. <i>Journal of Clinical Oncology</i> , 2019, 37, e20574-e20574.	1.6	0
42	Abstract 4671: Novel biological roles of the atypical WNT ligand, Norrin, on glioblastoma stem cells segregate with ASCL1 expression. , 2019, , .		0
43	Abstract 4671: Novel biological roles of the atypical WNT ligand, Norrin, on glioblastoma stem cells segregate with ASCL1 expression. , 2019, , .		0
44	5-Hydroxymethylcytosine preferentially targets genes upregulated in isocitrate dehydrogenase 1 mutant high-grade glioma. <i>Acta Neuropathologica</i> , 2018, 135, 617-634.	7.7	15
45	Rapid estimation of object movements in magnetic induction tomography. <i>International Journal of Biomedical Engineering and Technology</i> , 2018, 27, 290.	0.2	0
46	46 Integration of multiple platforms to discover idh-mutant glioma subtypes. <i>Canadian Journal of Neurological Sciences</i> , 2018, 45, S14-S15.	0.5	0
47	GENE-26. MOLECULAR CHARACTERIZATION OF BENIGN AND MALIGNANT PERIPHERAL NERVE SHEATH TUMORS THAT OCCUR IN SPORADIC AND SYNDROMIC SETTINGS. <i>Neuro-Oncology</i> , 2018, 20, vi108-vi109.	1.2	0
48	56 Unique Immune Microenvironment in NF2-Fusion Positive Radiation Induced Meningiomas. <i>Canadian Journal of Neurological Sciences</i> , 2018, 45, S17-S17.	0.5	1
49	LGG-10. EPIGENETIC/GENETIC/MORPHOLOGIC ANALYSES REVEAL CLINICAL/PROGNOSTIC INSIGHT OF PEDIATRIC LOW GRADE GLIOMAS. <i>Neuro-Oncology</i> , 2018, 20, i106-i106.	1.2	0
50	TMIC-07. HYPOXIC MICROENVIRONMENT CONFERS SPECIFIC ALTERATIONS IN DNA METHYLATION PROFILES IN GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2018, 20, vi257-vi257.	1.2	0
51	PATH-25. SURVIVAL STRATIFICATION OF IDH MUTANT GLIOMA USING METHYLATION AND mRNA ANALYSIS OF HOX GENES. <i>Neuro-Oncology</i> , 2018, 20, vi163-vi164.	1.2	0
52	RTHP-07. TRANSCRIPTION FACTOR NETWORKS OF OLIGODENDROGLIOMAS (IDH-MUTANT AND 1p/19q) Tj ETQq0 0 0 rgBT /Overlock 1 <i>Neuro-Oncology</i> , 2018, 20, vi226-vi226.	1.2	0
53	MNGI-12. EXPRESSION OF PROGRAMMED CELL DEATH LIGAND-1 (PD-L1) IN MENINGIOMA: CLINICAL UTILITY FOR PREDICTION OF TUMOR RECURRENCE AND ASSOCIATION WITH HYPOXIC RESPONSE AND NFKB2 ACTIVATION. <i>Neuro-Oncology</i> , 2018, 20, vi150-vi151.	1.2	0
54	GENE-08. SCHWANNOMATOSIS SCHWANNOMAS HARBOR DISTINCT DNA METHYLATION PROFILES. <i>Neuro-Oncology</i> , 2018, 20, vi104-vi104.	1.2	0

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55	CBMT-06. LOWER GRADE ISOCITRATE DEHYDROGENASE (IDH) MUTANT GLIOMAS METABOLICALLY MIMICKING GLIOBLASTOMA (GBM) EXPRESS HIGHER R:S 2-HYDROXYGLUTARATE RATIOS RELATIVE TO NON-GBM-MIMICKING IDH MUTANT GLIOMAS. <i>Neuro-Oncology</i> , 2018, 20, vi33-vi33.	1.2	0
56	GENE-05. UPREGULATION OF ODZ1-MEDIATED INVASION IN THE HYPOXIC TUMOR MICROENVIRONMENT IN GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2018, 20, vi103-vi103.	1.2	0
57	TMIC-17. IMMUNE MICROENVIRONMENT OF NF2-ALTERED RADIATION-INDUCED MENINGIOMAS. <i>Neuro-Oncology</i> , 2018, 20, vi259-vi259.	1.2	1
58	40 Prognostic significance of PD-L1 expression in meningioma for tumor recurrence; associated with hypoxia and NFKB2 activation. <i>Canadian Journal of Neurological Sciences</i> , 2018, 45, S8-S8.	0.5	0
59	Rapid estimation of object movements in magnetic induction tomography. <i>International Journal of Biomedical Engineering and Technology</i> , 2018, 27, 290.	0.2	1
60	Molecular Signatures for Tumor Classification. <i>Journal of Molecular Diagnostics</i> , 2017, 19, 881-891.	2.8	22
61	Therapeutic radiation for childhood cancer drives structural aberrations of NF2 in meningiomas. <i>Nature Communications</i> , 2017, 8, 186.	12.8	76
62	154 Genomic Landscape of Radiation-Induced Meningiomas. <i>Neurosurgery</i> , 2017, 64, 238.	1.1	0
63	The genomic landscape of schwannoma. <i>Nature Genetics</i> , 2016, 48, 1339-1348.	21.4	124
64	EPIG-13 ROBUST MGMT METHYLATION DETECTION USING 450k ARRAY IN CIMP-NEGATIVE GBM. <i>Neuro-Oncology</i> , 2015, 17, v89.1-v89.	1.2	0
65	IDH mutant diffuse and anaplastic astrocytomas have similar age at presentation and little difference in survival: a grading problem for WHO. <i>Acta Neuropathologica</i> , 2015, 129, 867-873.	7.7	272
66	Automated robust test framework for electrical impedance tomography. <i>Physiological Measurement</i> , 2015, 36, 1227-1244.	2.1	10
67	Imaging of hemorrhagic stroke in magnetic induction tomography: An in vitro study. <i>International Journal of Imaging Systems and Technology</i> , 2014, 24, 161-166.	4.1	5
68	Evaluation and Real-Time Monitoring of Data Quality in Electrical Impedance Tomography. <i>IEEE Transactions on Medical Imaging</i> , 2013, 32, 1997-2005.	8.9	10
69	Electrical localization of weakly electric fish using neural networks. <i>Journal of Physics: Conference Series</i> , 2013, 434, 012006.	0.4	0
70	An experimental clinical evaluation of EIT imaging with $\hat{\sigma}_1$ data and image norms. <i>Physiological Measurement</i> , 2013, 34, 1027-1039.	2.1	19
71	A Novel Method for Monitoring Data Quality in Electrical Impedance Tomography. <i>Journal of Physics: Conference Series</i> , 2013, 434, 012077.	0.4	0
72	Experimental/clinical evaluation of EIT image reconstruction with $\hat{\sigma}_1$ data and image norms. <i>Journal of Physics: Conference Series</i> , 2013, 434, 012078.	0.4	1

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73	Brain-computer interface speller using hybrid P300 and motor imagery signals. , 2012, , .		5
74	Evaluation of EIT system performance. Physiological Measurement, 2011, 32, 851-865.	2.1	52
75	Enhancing Impedance Imaging Through Multimodal Tomography. IEEE Transactions on Biomedical Engineering, 2011, 58, 3215-3224.	4.2	14