

Annette M Molinaro

List of Publications by Year in descending order

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101
papers

8,060
citations

101543

36
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51608

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104
all docs

104
docs citations

104
times ranked

12823
citing authors

#	ARTICLE	IF	CITATIONS
1	Interactions of Age and Blood Immune Factors and Noninvasive Prediction of Glioma Survival. Journal of the National Cancer Institute, 2022, 114, 446-457.	6.3	11
2	Improving the noninvasive classification of glioma genetic subtype with deep learning and diffusion-weighted imaging. Neuro-Oncology, 2022, 24, 639-652.	1.2	22
3	External controls to improve on glioblastoma clinical trials. Neuro-Oncology, 2022, 24, 257-258.	1.2	1
4	Immune profiles and DNA methylation alterations related with non-muscle-invasive bladder cancer outcomes. Clinical Epigenetics, 2022, 14, 14.	4.1	13
5	Randomized trial of neoadjuvant vaccination with tumor-cell lysate induces T cell response in low-grade gliomas. Journal of Clinical Investigation, 2022, 132, .	8.2	32
6	Enhanced cell deconvolution of peripheral blood using DNA methylation for high-resolution immune profiling. Nature Communications, 2022, 13, 761.	12.8	93
7	Categorizing continuous biomarkers: More cons than pros. Neuro-Oncology Practice, 2022, 9, 81-82.	1.6	0
8	A core of differentially methylated CpG loci in gMDSCs isolated from neonatal and adult sources. Clinical Epigenetics, 2022, 14, 27.	4.1	2
9	PI3K/AKT/mTOR signaling pathway activity in IDH-mutant diffuse glioma and clinical implications. Neuro-Oncology, 2022, 24, 1471-1481.	1.2	14
10	Regression trees and ensembles for cumulative incidence functions. International Journal of Biostatistics, 2022, 18, 397-419.	0.7	1
11	Prospective genomically guided identification of "early/evolving" and "undersampled" IDH-wildtype glioblastoma leads to improved clinical outcomes. Neuro-Oncology, 2022, 24, 1749-1762.	1.2	10
12	Association of Neurological Impairment on the Relative Benefit of Maximal Extent of Resection in Chemoradiation-Treated Newly Diagnosed Isocitrate Dehydrogenase Wild-Type Glioblastoma. Neurosurgery, 2022, 90, 124-130.	1.1	17
13	Reducing complication rates for repeat craniotomies in glioma patients: a single-surgeon experience and comparison with the literature. Acta Neurochirurgica, 2022, 164, 405-417.	1.7	6
14	Skin disease in goats (<i>Capra aegagrus hircus</i>): a retrospective study of 358 cases at a university veterinary teaching hospital (1988-2020). Veterinary Dermatology, 2022, 33, 227.	1.2	6
15	The immunogenetics of viral antigen response is associated with subtype-specific glioma risk and survival. American Journal of Human Genetics, 2022, 109, 1105-1116.	6.2	7
16	Pre-surgery immune profiles of adult glioma patients. Journal of Neuro-Oncology, 2022, 159, 103-115.	2.9	7
17	Prognostic risk stratification of gliomas using deep learning in digital pathology images. Neuro-Oncology Advances, 2022, 4, .	0.7	3
18	Rate of radiation-induced microbleed formation on 7T MRI relates to cognitive impairment in young patients treated with radiation therapy for a brain tumor. Radiotherapy and Oncology, 2021, 154, 145-153.	0.6	11

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19	The Relationship Between Stimulation Current and Functional Site Localization During Brain Mapping. <i>Neurosurgery</i> , 2021, 88, 1043-1050.	1.1	4
20	Smoking Is an Independent Risk Factor for 90-Day Readmission and Reoperation Following Posterior Cervical Decompression and Fusion. <i>Neurosurgery</i> , 2021, 88, 1088-1094.	1.1	10
21	Identification of a foetal epigenetic compartment in adult human kidney. <i>Epigenetics</i> , 2021, , 1-21.	2.7	0
22	Temozolomide-induced hypermutation is associated with distant recurrence and reduced survival after high-grade transformation of low-grade IDH-mutant gliomas. <i>Neuro-Oncology</i> , 2021, 23, 1872-1884.	1.2	48
23	Relationship between 7T MR-angiography features of vascular injury and cognitive decline in young brain tumor patients treated with radiation therapy. <i>Journal of Neuro-Oncology</i> , 2021, 153, 143-152.	2.9	3
24	A single institution retrospective analysis on survival based on treatment paradigms for patients with anaplastic oligodendroglioma. <i>Journal of Neuro-Oncology</i> , 2021, 153, 447-454.	2.9	6
25	Detection of glioma infiltration at the tumor margin using quantitative stimulated Raman scattering histology. <i>Scientific Reports</i> , 2021, 11, 12162.	3.3	28
26	Correlation of natural language assessment results with health-related quality of life in adult glioma patients. <i>Journal of Neurosurgery</i> , 2021, , 1-7.	1.6	2
27	Residual Tumor Volume and Location Predict Progression After Primary Subtotal Resection of Sporadic Vestibular Schwannomas: A Retrospective Volumetric Study. <i>Neurosurgery</i> , 2020, 86, 410-416.	1.1	22
28	Clinical, radiologic, and genetic characteristics of histone H3 K27M-mutant diffuse midline gliomas in adults. <i>Neuro-Oncology Advances</i> , 2020, 2, vdaa142.	0.7	35
29	Adult diffuse glioma GWAS by molecular subtype identifies variants in D2HGDH and FAM20C. <i>Neuro-Oncology</i> , 2020, 22, 1602-1613.	1.2	19
30	MGMT promoter methylation level in newly diagnosed low-grade glioma is a predictor of hypermutation at recurrence. <i>Neuro-Oncology</i> , 2020, 22, 1580-1590.	1.2	55
31	The influence of race and socioeconomic status on therapeutic clinical trial screening and enrollment. <i>Journal of Neuro-Oncology</i> , 2020, 148, 131-139.	2.9	15
32	Association of Maximal Extent of Resection of Contrast-Enhanced and Non-Contrast-Enhanced Tumor With Survival Within Molecular Subgroups of Patients With Newly Diagnosed Glioblastoma. <i>JAMA Oncology</i> , 2020, 6, 495.	7.1	325
33	Recurrent tumor and treatment-induced effects have different MR signatures in contrast enhancing and non-enhancing lesions of high-grade gliomas. <i>Neuro-Oncology</i> , 2020, 22, 1516-1526.	1.2	5
34	Mass cytometry detects H3.K27M-specific vaccine responses in diffuse midline glioma. <i>Journal of Clinical Investigation</i> , 2020, 130, 6325-6337.	8.2	70
35	Phase I study of vemurafenib in children with recurrent or progressive BRAFV600E mutant brain tumors: Pacific Pediatric Neuro-Oncology Consortium study (PNOC-002). <i>Oncotarget</i> , 2020, 11, 1942-1952.	1.8	45
36	Phase I trial of caudate deep brain stimulation for treatment-resistant tinnitus. <i>Journal of Neurosurgery</i> , 2020, 133, 992-1001.	1.6	13

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37	The impact of obesity on perioperative complications in patients undergoing anterior lumbar interbody fusion. <i>Journal of Neurosurgery: Spine</i> , 2020, 33, 332-341.	1.7	16
38	TAMI-07. THE IMMUNE MICROENVIRONMENT IN LOWER GRADE GLIOMAS. <i>Neuro-Oncology</i> , 2020, 22, ii214-ii214.	1.2	0
39	An independently validated nomogram for isocitrate dehydrogenase-wild-type glioblastoma patient survival. <i>Neuro-Oncology Advances</i> , 2019, 1, vdz007.	0.7	40
40	EGFR amplification status for clinical trial inclusion: where do we draw the line?. <i>Neuro-Oncology</i> , 2019, 21, 1215-1216.	1.2	1
41	Risk factors of radiotherapy-induced cerebral microbleeds and serial analysis of their size compared with white matter changes: A 7T MRI study in 113 adult patients with brain tumors. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 868-877.	3.4	25
42	Genetic and molecular epidemiology of adult diffuse glioma. <i>Nature Reviews Neurology</i> , 2019, 15, 405-417.	10.1	437
43	Reirradiation of recurrent high-grade glioma and development of prognostic scores for progression and survival. <i>Neuro-Oncology Practice</i> , 2019, 6, 364-374.	1.6	16
44	Using germline variants to estimate glioma and subtype risks. <i>Neuro-Oncology</i> , 2019, 21, 451-461.	1.2	23
45	Longer genotypically-estimated leukocyte telomere length is associated with increased meningioma risk. <i>Journal of Neuro-Oncology</i> , 2019, 142, 479-487.	2.9	11
46	Temporal Dynamics of Pseudoprogression After Gamma Knife Radiosurgery for Vestibular Schwannomas—A Retrospective Volumetric Study. <i>Neurosurgery</i> , 2019, 84, 123-131.	1.1	39
47	Postoperative Delirium in Glioblastoma Patients: Risk Factors and Prognostic Implications. <i>Neurosurgery</i> , 2018, 83, 1161-1172.	1.1	29
48	Novel Aggregate Deletion/Substitution/Addition Learning Algorithms for Recursive Partitioning. <i>Journal of Computational and Graphical Statistics</i> , 2018, 27, 146-156.	1.7	0
49	Prospective Feasibility Trial for Genomics-Informed Treatment in Recurrent and Progressive Glioblastoma. <i>Clinical Cancer Research</i> , 2018, 24, 295-305.	7.0	68
50	Germline polymorphisms in myeloid-associated genes are not associated with survival in glioma patients. <i>Journal of Neuro-Oncology</i> , 2018, 136, 33-39.	2.9	4
51	Relationship of In Vivo MR Parameters to Histopathological and Molecular Characteristics of Newly Diagnosed, Nonenhancing Lower-Grade Gliomas. <i>Translational Oncology</i> , 2018, 11, 941-949.	3.7	8
52	Phase-2 trial of palbociclib in adult patients with recurrent RB1-positive glioblastoma. <i>Journal of Neuro-Oncology</i> , 2018, 140, 477-483.	2.9	82
53	Developing an Algorithm for Optimizing Care of Elderly Patients With Glioblastoma. <i>Neurosurgery</i> , 2018, 82, 64-75.	1.1	22
54	A phase 1 trial of intravenous liposomal irinotecan in patients with recurrent high-grade glioma. <i>Cancer Chemotherapy and Pharmacology</i> , 2017, 79, 603-610.	2.3	32

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55	Adult infiltrating gliomas with WHO 2016 integrated diagnosis: additional prognostic roles of ATRX and TERT. <i>Acta Neuropathologica</i> , 2017, 133, 1001-1016.	7.7	245
56	Immunomethylomic approach to explore the blood neutrophil lymphocyte ratio (NLR) in glioma survival. <i>Clinical Epigenetics</i> , 2017, 9, 10.	4.1	60
57	Improved Survival with Decreased Wait Time to Surgery in Glioblastoma Patients Presenting with Seizure. <i>Neurosurgery</i> , 2017, 81, 824-833.	1.1	30
58	Metabolic Profiling of IDH Mutation and Malignant Progression in Infiltrating Glioma. <i>Scientific Reports</i> , 2017, 7, 44792.	3.3	63
59	Identifying Voxels at Risk for Progression in Glioblastoma Based on Dosimetry, Physiologic and Metabolic MRI. <i>Radiation Research</i> , 2017, 188, 303.	1.5	10
60	Clonal expansion and epigenetic reprogramming following deletion or amplification of mutant <i>IDH1</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 10743-10748.	7.1	109
61	Indications and Efficacy of Gamma Knife Stereotactic Radiosurgery for Recurrent Glioblastoma: 2 Decades of Institutional Experience. <i>Neurosurgery</i> , 2017, 80, 129-139.	1.1	33
62	Probing the phosphatidylinositol 3-kinase/mammalian target of rapamycin pathway in gliomas: A phase 2 study of everolimus for recurrent adult low-grade gliomas. <i>Cancer</i> , 2017, 123, 4631-4639.	4.1	43
63	Characterization of Metabolic, Diffusion, and Perfusion Properties in GBM: Contrast-Enhancing versus Non-Enhancing Tumor. <i>Translational Oncology</i> , 2017, 10, 895-903.	3.7	15
64	Phase I cancer clinical trials. <i>Neuro-Oncology Practice</i> , 2017, 4, 67-72.	1.6	3
65	Clinical trial endpoints for patients with gliomas. <i>Neuro-Oncology Practice</i> , 2017, 4, 201-208.	1.6	7
66	GBM heterogeneity as a function of variable epidermal growth factor receptor variant III activity. <i>Oncotarget</i> , 2016, 7, 79101-79116.	1.8	39
67	PKM2 uses control of HuR localization to regulate p27 and cell cycle progression in human glioblastoma cells. <i>International Journal of Cancer</i> , 2016, 139, 99-111.	5.1	25
68	Doubly robust survival trees. <i>Statistics in Medicine</i> , 2016, 35, 3595-3612.	1.6	24
69	Risk prediction for local versus regional/metastatic tumors after initial ductal carcinoma in situ diagnosis treated by lumpectomy. <i>Breast Cancer Research and Treatment</i> , 2016, 157, 351-361.	2.5	15
70	Comparative Sensitivity of Intraoperative Motor Evoked Potential Monitoring in Predicting Postoperative Neurologic Deficits: Nondegenerative versus Degenerative Myelopathy. <i>Global Spine Journal</i> , 2016, 6, 452-458.	2.3	10
71	Presence of cerebral microbleeds is associated with worse executive function in pediatric brain tumor survivors. <i>Neuro-Oncology</i> , 2016, 18, now163.	1.2	33
72	Expression and prognostic impact of immune modulatory molecule PD-L1 in meningioma. <i>Journal of Neuro-Oncology</i> , 2016, 130, 543-552.	2.9	90

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73	Magnetic resonance analysis of malignant transformation in recurrent glioma. <i>Neuro-Oncology</i> , 2016, 18, 1169-1179.	1.2	28
74	Statistical considerations on prognostic models for glioma. <i>Neuro-Oncology</i> , 2016, 18, 609-623.	1.2	20
75	Understanding inherited genetic risk of adult glioma – a review. <i>Neuro-Oncology Practice</i> , 2016, 3, 10-16.	1.6	62
76	The effects of anti-angiogenic therapy on the formation of radiation-induced microbleeds in normal brain tissue of patients with glioma. <i>Neuro-Oncology</i> , 2016, 18, 87-95.	1.2	33
77	Surgical assessment of the insula. Part 2: validation of the Berger-Sanai zone classification system for predicting extent of glioma resection. <i>Journal of Neurosurgery</i> , 2016, 124, 482-488.	1.6	65
78	Loss of CDKN2A Is Associated With Shortened Overall Survival in Lower-Grade (World Health) Gliomas. <i>Journal of Neuro-Oncology</i> , 2015, 74, 442-452.	1.7	144
79	New initiative for Neuro-Oncology Practice: statistics for the practicing clinician. <i>Neuro-Oncology Practice</i> , 2015, 2, 161-161.	1.6	2
80	The Effect of Timing of Concurrent Chemoradiation in Patients With Newly Diagnosed Glioblastoma. <i>Neurosurgery</i> , 2015, 77, 248-253.	1.1	47
81	Adverse radiation effect after stereotactic radiosurgery for brain metastases: incidence, time course, and risk factors. <i>Journal of Neurosurgery</i> , 2015, 123, 373-386.	1.6	247
82	Glioma Groups Based on 1p/19q, IDH, and TERT Promoter Mutations in Tumors. <i>New England Journal of Medicine</i> , 2015, 372, 2499-2508.	27.0	1,632
83	Diagnostic tests: how to estimate the positive predictive value. <i>Neuro-Oncology Practice</i> , 2015, 2, 162-166.	1.6	30
84	Association of Diffusion and Anatomic Imaging Parameters with Survival for Patients with Newly Diagnosed Glioblastoma Participating in Two Different Clinical Trials. <i>Translational Oncology</i> , 2015, 8, 446-455.	3.7	3
85	The Genetics of Splicing in Neuroblastoma. <i>Cancer Discovery</i> , 2015, 5, 380-395.	9.4	20
86	Survival and low-grade glioma: the emergence of genetic information. <i>Neurosurgical Focus</i> , 2015, 38, E6.	2.3	358
87	Telomere maintenance and the etiology of adult glioma. <i>Neuro-Oncology</i> , 2015, 17, 1445-1452.	1.2	70
88	Toward precision medicine in glioblastoma: the promise and the challenges. <i>Neuro-Oncology</i> , 2015, 17, 1051-1063.	1.2	178
89	Awake craniotomy to maximize glioma resection: methods and technical nuances over a 27-year period. <i>Journal of Neurosurgery</i> , 2015, 123, 325-339.	1.6	334
90	DNA Methylation and Somatic Mutations Converge on the Cell Cycle and Define Similar Evolutionary Histories in Brain Tumors. <i>Cancer Cell</i> , 2015, 28, 307-317.	16.8	221

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91	Longer genotypically-estimated leukocyte telomere length is associated with increased adult glioma risk. <i>Oncotarget</i> , 2015, 6, 42468-42477.	1.8	87
92	Phase II trial of 7 days on/7 days off temozolimide for recurrent high-grade glioma. <i>Neuro-Oncology</i> , 2014, 16, 1255-1262.	1.2	44
93	Effect of Provider Experience on Clinician-Performed Ultrasonography for Hydronephrosis in Patients With Suspected Renal Colic. <i>Annals of Emergency Medicine</i> , 2014, 64, 269-276.	0.6	60
94	Variants near TERT and TERC influencing telomere length are associated with high-grade glioma risk. <i>Nature Genetics</i> , 2014, 46, 731-735.	21.4	161
95	A Partitioning Deletion/Substitution/Addition Algorithm for Creating Survival Risk Groups. <i>Biometrics</i> , 2012, 68, 1146-1156.	1.4	21
96	Quantitative assessment shows loss of antigenic epitopes as a function of pre-analytic variables. <i>Laboratory Investigation</i> , 2011, 91, 1253-1261.	3.7	55
97	Power of Data Mining Methods to Detect Genetic Associations and Interactions. <i>Human Heredity</i> , 2011, 72, 85-97.	0.8	21
98	Biomarker Expression and Risk of Subsequent Tumors After Initial Ductal Carcinoma In Situ Diagnosis. <i>Journal of the National Cancer Institute</i> , 2010, 102, 627-637.	6.3	304
99	<i>partDSA</i> : deletion/substitution/addition algorithm for partitioning the covariate space in prediction. <i>Bioinformatics</i> , 2010, 26, 1357-1363.	4.1	37
100	Prediction error estimation: a comparison of resampling methods. <i>Bioinformatics</i> , 2005, 21, 3301-3307.	4.1	1,045
101	Tree-based multivariate regression and density estimation with right-censored data. <i>Journal of Multivariate Analysis</i> , 2004, 90, 154-177.	1.0	52