

# Pascal O Zinn

## List of Publications by Year in descending order

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Version: 2024-02-01

66  
papers

2,614  
citations

218677

26  
h-index

189892

50  
g-index

68  
all docs

68  
docs citations

68  
times ranked

4644  
citing authors

#	ARTICLE	IF	CITATIONS
1	T7-T11 Posterior Decompression and Instrumented Fusion, T9 Partial Corpectomy, and Intradural Microsurgical Discectomy: An Operative Video. <i>World Neurosurgery</i> , 2022, 158, 113.	1.3	0
2	Letter: Glioblastoma Cell of Origin. <i>Stem Cell Reviews and Reports</i> , 2022, 18, 691-693.	3.8	3
3	A Novel 5-Aminolevulinic Acid-Enabled Surgical Loupe System—A Consecutive Brain Tumor Series of 11 Cases. <i>Operative Neurosurgery</i> , 2022, 22, 298-304.	0.8	7
4	The Subventricular Zone in Glioblastoma: Genesis, Maintenance, and Modeling. <i>Frontiers in Oncology</i> , 2022, 12, 790976.	2.8	11
5	Radiomics analysis for predicting pembrolizumab response in patients with advanced rare cancers. , 2021, 9, e001752.		34
6	MRI-Based Radiomics and Radiogenomics in the Management of Low-Grade Gliomas: Evaluating the Evidence for a Paradigm Shift. <i>Journal of Clinical Medicine</i> , 2021, 10, 1411.	2.4	21
7	Anesthesia-Related Oncological Outcomes: Beyond Volatiles and Total Intravenous Anesthesia. <i>Anesthesia and Analgesia</i> , 2021, 132, e119-e120.	2.2	0
8	Author response to Cunha <i>et al</i> . , 2021, 9, e003299.		0
9	Chitinase-3-like 1 protein complexes modulate macrophage-mediated immune suppression in glioblastoma. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	49
10	Toxoplasma encephalitis presenting as neoplastic disease: A single institution case series. <i>Interdisciplinary Neurosurgery: Advanced Techniques and Case Management</i> , 2021, 25, 101174.	0.3	2
11	The Evolving Role of Induced Pluripotent Stem Cells and Cerebral Organoids in Treating and Modeling Neurosurgical Diseases. <i>World Neurosurgery</i> , 2021, 155, 171-179.	1.3	3
12	A contemporary update on glioblastoma: molecular biology, current management, and a vision towards bio-adaptable personalized care. <i>Journal of Neuro-Oncology</i> , 2021, 151, 103-112.	2.9	10
13	Headlight and loupe-based fluorescein detection system in brain tumor surgery; a first-in-human experience. <i>Journal of Neurosurgical Sciences</i> , 2021, , .	0.6	1
14	History of atopy confers improved outcomes in IDH mutant and wildtype lower grade gliomas. <i>Journal of Neuro-Oncology</i> , 2021, 155, 133-141.	2.9	3
15	Magnetic Resonance-Based Radiomic Analysis of Radiofrequency Lesion Predicts Outcomes After Percutaneous Cordotomy: A Feasibility Study. <i>Operative Neurosurgery</i> , 2020, 18, 721-727.	0.8	2
16	Optimizing Clinical Staffing in Times of a Pandemic Crisis Such as COVID-19. <i>Anesthesia and Analgesia</i> , 2020, 131, e45-e47.	2.2	7
17	Commentary: A Primer on Human Brain Organoids for the Neurosurgeon. <i>Neurosurgery</i> , 2020, 87, E443-E444.	1.1	0
18	Telemedicine for preoperative assessment during a COVID-19 pandemic: Recommendations for clinical care. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2020, 34, 345-351.	4.0	60

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19	Multicenter study demonstrates radiomic features derived from magnetic resonance perfusion images identify pseudoprogression in glioblastoma. <i>Nature Communications</i> , 2019, 10, 3170.	12.8	113
20	Neurosurgical applications of MRI guided laser interstitial thermal therapy (LITT). <i>Cancer Imaging</i> , 2019, 19, 65.	2.8	105
21	Subfrontal Infrachiasmatic Approach to a Craniopharyngioma Resection: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2019, 17, E114-E114.	0.8	1
22	Multi-center study finds postoperative residual non-enhancing component of glioblastoma as a new determinant of patient outcome. <i>Journal of Neuro-Oncology</i> , 2018, 139, 125-133.	2.9	26
23	Dexamethasone-mediated oncogenicity in vitro and in an animal model of glioblastoma. <i>Journal of Neurosurgery</i> , 2018, 129, 1446-1455.	1.6	22
24	Patient and treatment factors associated with survival among pediatric glioblastoma patients: A Surveillance, Epidemiology, and End Results study. <i>Journal of Clinical Neuroscience</i> , 2018, 47, 285-293.	1.5	32
25	Spinal Epidermoid Tumors: Case Report and Review of the Literature. <i>Neurospine</i> , 2018, 15, 117-122.	2.9	26
26	ANGI-16. EARLY DETECTION OF TUMOR CELL PROLIFERATION IS ASSOCIATED WITH A UNIQUE RADIOMIC BIOMARKER IN PRECLINICAL GLIOBLASTOMA XENOGRAFT AND PATIENTS. <i>Neuro-Oncology</i> , 2018, 20, vi31-vi31.	1.2	0
27	A Coclinal Radiogenomic Validation Study: Conserved Magnetic Resonance Radiomic Appearance of Periostin-Expressing Glioblastoma in Patients and Xenograft Models. <i>Clinical Cancer Research</i> , 2018, 24, 6288-6299.	7.0	74
28	A unique MRI-based radiomic signature predicts hypermutated glioma genotype.. <i>Journal of Clinical Oncology</i> , 2018, 36, 2022-2022.	1.6	1
29	Learning MRI-based classification models for MGMT methylation status prediction in glioblastoma. <i>Computer Methods and Programs in Biomedicine</i> , 2017, 140, 249-257.	4.7	75
30	From K-space to Nucleotide. <i>Topics in Magnetic Resonance Imaging</i> , 2017, 26, 33-41.	1.2	2
31	Silent Sentence Completion Shows Superiority Localizing Wernicke's Area and Activation Patterns of Distinct Language Paradigms Correlate with Genomics: Prospective Study. <i>Scientific Reports</i> , 2017, 7, 12054.	3.3	9
32	A Dexamethasone-regulated Gene Signature Is Prognostic for Poor Survival in Glioblastoma Patients. <i>Journal of Neurosurgical Anesthesiology</i> , 2017, 29, 46-58.	1.2	28
33	Radiomic Phenotyping in Brain Cancer to Unravel Hidden Information in Medical Images. <i>Topics in Magnetic Resonance Imaging</i> , 2017, 26, 43-53.	1.2	32
34	Distinct Radiomic Phenotypes Define Glioblastoma TP53-PTEN-EGFR Mutational Landscape. <i>Neurosurgery</i> , 2017, 64, 203-210.	1.1	29
35	Radiomic analysis of pseudo-progression compared to true progression in glioblastoma patients: A large-scale multi-institutional study.. <i>Journal of Clinical Oncology</i> , 2017, 35, 2015-2015.	1.6	9
36	Multicenter study to demonstrate radiomic texture features derived from MR perfusion images of pseudoprogression compared to true progression in glioblastoma patients.. <i>Journal of Clinical Oncology</i> , 2017, 35, 2016-2016.	1.6	4

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37	Radiomic Texture Analysis Mapping Predicts Areas of True Functional MRI Activity. Scientific Reports, 2016, 6, 25295.	3.3	26
38	Radiomics in Brain Tumors. Magnetic Resonance Imaging Clinics of North America, 2016, 24, 719-729.	1.1	73
39	Shedding Light on the 2016 World Health Organization Classification of Tumors of the Central Nervous System in the Era of Radiomics and Radiogenomics. Magnetic Resonance Imaging Clinics of North America, 2016, 24, 741-749.	1.1	13
40	139â€ŒClinically Applicable and Biologically Validated MRI Radiomic Test Method Predicts Glioblastoma Genomic Landscape and Survival. Neurosurgery, 2016, 63, 156-157.	1.1	14
41	334â€ŒA Functional Screen Identifies miRNAs that Induce Radioresistance in Glioblastomas. Neurosurgery, 2016, 63, 197-198.	1.1	2
42	Coordination of self-renewal in glioblastoma by integration of adhesion and microRNA signaling. Neuro-Oncology, 2016, 18, 656-666.	1.2	37
43	A combinatorial radiographic phenotype may stratify patient survival and be associated with invasion and proliferation characteristics in glioblastoma. Journal of Neurosurgery, 2016, 124, 1008-1017.	1.6	40
44	Diffusion Weighted Magnetic Resonance Imaging Radiophenotypes and Associated Molecular Pathways in Glioblastoma. Neurosurgery, 2016, 63, 127-135.	1.1	8
45	Imaging Genomics in Gliomas. Cancer Journal (Sudbury, Mass ), 2015, 21, 225-234.	2.0	22
46	Imaging Genomics of Glioblastoma. Topics in Magnetic Resonance Imaging, 2015, 24, 155-163.	1.2	14
47	Mir-21â€ŒSox2 Axis Delineates Glioblastoma Subtypes with Prognostic Impact. Journal of Neuroscience, 2015, 35, 15097-15112.	3.6	53
48	Shedding light on glioblastoma cellular heterogeneity. Neuro-Oncology, 2015, 17, 327-8.	1.2	2
49	Glioblastoma: Imaging Genomic Mapping Reveals Sex-specific Oncogenic Associations of Cell Death. Radiology, 2015, 275, 215-227.	7.3	64
50	Addition of MR imaging features and genetic biomarkers strengthens glioblastoma survival prediction in TCGA patients. Journal of Neuroradiology, 2015, 42, 212-221.	1.1	109
51	Multicenter imaging outcomes study of The Cancer Genome Atlas glioblastoma patient cohort: imaging predictors of overall and progression-free survival. Neuro-Oncology, 2015, 17, 1525-1537.	1.2	75
52	Imaging Genomics of Glioblastoma. Neuroimaging Clinics of North America, 2015, 25, 141-153.	1.0	37
53	miR-218 opposes a critical RTK-HIF pathway in mesenchymal glioblastoma. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 291-296.	7.1	101
54	A Functional Screen Identifies miRs That Induce Radioresistance in Glioblastomas. Molecular Cancer Research, 2014, 12, 1767-1778.	3.4	28

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55	MR Imaging Predictors of Molecular Profile and Survival: Multi-institutional Study of the TCGA Glioblastoma Data Set. <i>Radiology</i> , 2013, 267, 560-569.	7.3	362
56	Extent of resection and radiotherapy in GBM: A 1973 to 2007 surveillance, epidemiology and end results analysis of 21,783 patients. <i>International Journal of Oncology</i> , 2013, 42, 929-934.	3.3	65
57	188â€ŒRadiogenomic Mapping of MRI-FLAIR-Phenotypes Identifies a Novel Gene-microRNA Regulatory Axis to Target Glioblastoma Invasion. <i>Neurosurgery</i> , 2012, 71, E573.	1.1	0
58	A Novel Volume-Age-KPS (VAK) Glioblastoma Classification Identifies a Prognostic Cognate microRNA-Gene Signature. <i>PLoS ONE</i> , 2012, 7, e41522.	2.5	82
59	REST Regulates Oncogenic Properties of Glioblastoma Stem Cells. <i>Stem Cells</i> , 2012, 30, 405-414.	3.2	67
60	Radiogenomic Mapping of Edema/Cellular Invasion MRI-Phenotypes in Glioblastoma Multiforme. <i>PLoS ONE</i> , 2011, 6, e25451.	2.5	239
61	Upregulation of Fanconi Anemia DNA Repair Genes in Melanoma Compared with Non-Melanoma Skin Cancer. <i>Journal of Investigative Dermatology</i> , 2011, 131, 2139-2142.	0.7	18
62	Magnetic resonance imaging appearance and changes on intracavitary Gliadel wafer placement: A pilot study. <i>World Journal of Radiology</i> , 2011, 3, 266.	1.1	24
63	Neurosurgical education in Europe and the United States of America. <i>Neurosurgical Review</i> , 2010, 33, 409-417.	2.4	32
64	Targeting EGFR Induced Oxidative Stress by PARP1 Inhibition in Glioblastoma Therapy. <i>PLoS ONE</i> , 2010, 5, e10767.	2.5	59
65	Failure of a Torkildsen shunt after functioning for 50 years. <i>Journal of Neurosurgery</i> , 2010, 112, 796-799.	1.6	3
66	A comparison of wild-caught wood mice and bank voles in the Intellicage: assessing exploration, daily activity patterns and place learning paradigms. <i>Behavioural Brain Research</i> , 2005, 157, 211-217.	2.2	143