

Dimitris G Placantonakis

List of Publications by Year in descending order

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Version: 2024-02-01

110
papers

3,127
citations

257101

24
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182168

51
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119
all docs

119
docs citations

119
times ranked

5802
citing authors

#	ARTICLE	IF	CITATIONS
1	Proteogenomic and metabolomic characterization of human glioblastoma. <i>Cancer Cell</i> , 2021, 39, 509-528.e20.	7.7	327
2	A Prospective Study of Neurologic Disorders in Hospitalized Patients With COVID-19 in New York City. <i>Neurology</i> , 2021, 96, e575-e586.	1.5	220
3	Sox2 antagonizes the Hippo pathway to maintain stemness in cancer cells. <i>Nature Communications</i> , 2015, 6, 6411.	5.8	207
4	Direct RNA sequencing on nanopore arrays redefines the transcriptional complexity of a viral pathogen. <i>Nature Communications</i> , 2019, 10, 754.	5.8	200
5	Hacking macrophage-associated immunosuppression for regulating glioblastoma angiogenesis. <i>Biomaterials</i> , 2018, 161, 164-178.	5.7	184
6	Mutant Isocitrate Dehydrogenase Inhibitors as Targeted Cancer Therapeutics. <i>Frontiers in Oncology</i> , 2019, 9, 417.	1.3	183
7	Cerebrospinal fluid in COVID-19: A systematic review of the literature. <i>Journal of the Neurological Sciences</i> , 2021, 421, 117316.	0.3	131
8	Multiple modes of PRC2 inhibition elicit global chromatin alterations in H3K27M pediatric glioma. <i>Science Advances</i> , 2018, 4, eaau5935.	4.7	126
9	Low-Grade Astrocytoma Mutations in IDH1, P53, and ATRX Cooperate to Block Differentiation of Human Neural Stem Cells via Repression of SOX2. <i>Cell Reports</i> , 2017, 21, 1267-1280.	2.9	95
10	Fundamental role of inferior olive connexin 36 in muscle coherence during tremor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 7164-7169.	3.3	86
11	Effect of Vocimagene Amiretrorepvec in Combination With Flucytosine vs Standard of Care on Survival Following Tumor Resection in Patients With Recurrent High-Grade Glioma. <i>JAMA Oncology</i> , 2020, 6, 1939.	3.4	84
12	Dissecting the immunosuppressive tumor microenvironments in Glioblastoma-on-a-Chip for optimized PD-1 immunotherapy. <i>ELife</i> , 2020, 9, .	2.8	81
13	BAC Transgenesis in Human Embryonic Stem Cells as a Novel Tool to Define the Human Neural Lineage. <i>Stem Cells</i> , 2009, 27, 521-532.	1.4	75
14	Brain stem cells as the cell of origin in glioma. <i>World Journal of Stem Cells</i> , 2014, 6, 43.	1.3	70
15	Notch signaling regulates metabolic heterogeneity in glioblastoma stem cells. <i>Oncotarget</i> , 2017, 8, 64932-64953.	0.8	58
16	Recurrent homozygous deletion of DROSHA and microduplication of PDE4DIP in pineoblastoma. <i>Nature Communications</i> , 2018, 9, 2868.	5.8	54
17	Predicting Genotype and Survival in Glioma Using Standard Clinical MR Imaging Apparent Diffusion Coefficient Images: A Pilot Study from The Cancer Genome Atlas. <i>American Journal of Neuroradiology</i> , 2018, 39, 1814-1820.	1.2	53
18	Cell Surface Notch Ligand DLL3 is a Therapeutic Target in Isocitrate Dehydrogenase mutant Glioma. <i>Clinical Cancer Research</i> , 2019, 25, 1261-1271.	3.2	50

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19	Two distinct oscillatory states determined by the NMDA receptor in rat inferior olive. <i>Journal of Physiology</i> , 2001, 534, 123-140.	1.3	46
20	Serotonin suppresses subthreshold and suprathreshold oscillatory activity of rat inferior olivary neurones in vitro. <i>Journal of Physiology</i> , 2000, 524, 833-851.	1.3	42
21	Modeling HSV-1 Latency in Human Embryonic Stem Cell-Derived Neurons. <i>Pathogens</i> , 2017, 6, 24.	1.2	42
22	The posterior nasoseptal flap: A novel technique for closure after endoscopic transsphenoidal resection of pituitary adenomas. , 2018, 9, 32.		38
23	Patient-Specific Screening Using High-Grade Glioma Explants to Determine Potential Radiosensitization by a TGF- β 2 Small Molecule Inhibitor. <i>Neoplasia</i> , 2016, 18, 795-805.	2.3	35
24	Molecular Pathogenesis of Low-Grade Glioma. <i>Neurosurgery Clinics of North America</i> , 2019, 30, 17-25.	0.8	31
25	Traumatic brain injury and subsequent glioblastoma development: Review of the literature and case reports. , 2016, 7, 78.		31
26	Functional and topographic effects on DNA methylation in IDH1/2 mutant cancers. <i>Scientific Reports</i> , 2019, 9, 16830.	1.6	29
27	Selective Lentiviral Gene Delivery to CD133-Expressing Human Glioblastoma Stem Cells. <i>PLoS ONE</i> , 2014, 9, e116114.	1.1	23
28	SARS-CoV-2 Is Not Detected in the Cerebrospinal Fluid of Encephalopathic COVID-19 Patients. <i>Frontiers in Neurology</i> , 2020, 11, 587384.	1.1	23
29	Functional impact of intramolecular cleavage and dissociation of adhesion G protein-coupled receptor GPR133 (ADGRD1) on canonical signaling. <i>Journal of Biological Chemistry</i> , 2021, 296, 100798.	1.6	23
30	Quantitative sodium imaging and gliomas: a feasibility study. <i>Neuroradiology</i> , 2018, 60, 795-802.	1.1	21
31	The H3K36me2 writer-reader dependency in H3K27M-DIPG. <i>Science Advances</i> , 2021, 7, .	4.7	20
32	COVID-19-Induced Neurovascular Injury: a Case Series with Emphasis on Pathophysiological Mechanisms. <i>SN Comprehensive Clinical Medicine</i> , 2020, 2, 2109-2125.	0.3	19
33	Orthotopic Patient-Derived Glioblastoma Xenografts in Mice. <i>Methods in Molecular Biology</i> , 2018, 1741, 183-190.	0.4	18
34	Noninvasive diagnosis and management of spontaneous intracranial hypotension in patients with marfan syndrome: Case Report and Review of the Literature. , 2014, 5, 8.		17
35	Dissociable contributions of the prefrontal cortex in group-based cooperation. <i>Social Cognitive and Affective Neuroscience</i> , 2018, 13, 349-356.	1.5	16
36	A Rare Case of Composite Dural Extranodal Marginal Zone Lymphoma and Chronic Lymphocytic Leukemia/Small Lymphocytic Lymphoma. <i>Frontiers in Neurology</i> , 2018, 9, 267.	1.1	16

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37	LTKB-08. TOCA 511 & TOCA FC VERSUS STANDARD OF CARE IN PATIENTS WITH RECURRENT HIGH GRADE GLIOMA. <i>Neuro-Oncology</i> , 2019, 21, vi284-vi284.	0.6	15
38	GPR133 Promotes Glioblastoma Growth in Hypoxia. <i>Neurosurgery</i> , 2017, 64, 177-181.	0.6	14
39	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, .	0.4	14
40	Expression profiling of the adhesion G protein-coupled receptor GPR133 (ADGRD1) in glioma subtypes. <i>Neuro-Oncology Advances</i> , 2020, 2, vdaa053.	0.4	13
41	Cerebrospinal fluid findings in patients with seizure in the setting of COVID-19: A review of the literature. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2021, 89, 99-106.	0.9	13
42	EXTH-42. H3 K27M MUTANT GLIOMAS ARE SELECTIVELY KILLED BY ONC201, A SMALL MOLECULE INHIBITOR OF DOPAMINE RECEPTOR D2. <i>Neuro-Oncology</i> , 2017, 19, vi81-vi81.	0.6	12
43	Single-Cell RNA Sequencing of Glioblastoma Cells. <i>Methods in Molecular Biology</i> , 2018, 1741, 151-170.	0.4	12
44	Polysomy is associated with poor outcome in 1p/19q codeleted oligodendroglial tumors. <i>Neuro-Oncology</i> , 2019, 21, 1164-1174.	0.6	12
45	COVID-19 associated brain/spinal cord lesions and leptomeningeal enhancement: A meta-analysis of the relationship to CSF SARS-CoV-2. <i>Journal of Neuroimaging</i> , 2021, 31, 826-848.	1.0	12
46	The N Terminus of Adhesion G Protein-Coupled Receptor GPR126/ADGRG6 as Allosteric Force Integrator. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	12
47	A dominant negative mutation of neuronal connexin 36 that blocks intercellular permeability. <i>Molecular Brain Research</i> , 2002, 98, 15-28.	2.5	11
48	Establishing Primary Human Glioblastoma Tumorsphere Cultures from Operative Specimens. <i>Methods in Molecular Biology</i> , 2018, 1741, 63-69.	0.4	11
49	Fingerprinting Orientation Distribution Functions in diffusion MRI detects smaller crossing angles. <i>NeuroImage</i> , 2019, 198, 231-241.	2.1	11
50	Phase 0 Clinical Trial of Everolimus in Patients with Vestibular Schwannoma or Meningioma. <i>Molecular Cancer Therapeutics</i> , 2021, 20, 1584-1591.	1.9	11
51	Plasma cell-free circulating tumor DNA (ctDNA) detection in longitudinally followed glioblastoma patients using <i>TERT</i> promoter mutation-specific droplet digital PCR assays.. <i>Journal of Clinical Oncology</i> , 2019, 37, 2026-2026.	0.8	11
52	Dissecting the default mode network: direct structural evidence on the morphology and axonal connectivity of the fifth component of the cingulum bundle. <i>Journal of Neurosurgery</i> , 2020, 134, 1-12.	0.9	10
53	Exploiting Canonical TGF β Signaling in Cancer Treatment. <i>Molecular Cancer Therapeutics</i> , 2022, 21, 16-24.	1.9	10
54	Activation of the adhesion G protein-coupled receptor GPR133 by antibodies targeting its N-terminus. <i>Journal of Biological Chemistry</i> , 2022, 298, 101949.	1.6	10

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55	Adult Primary Spinal Epidural Extraosseous Ewing's Sarcoma: A Case Report and Review of the Literature. <i>Case Reports in Neurological Medicine</i> , 2016, 2016, 1-8.	0.3	9
56	Cerebrospinal fluid from COVID-19 patients with olfactory/gustatory dysfunction: A review. <i>Clinical Neurology and Neurosurgery</i> , 2021, 207, 106760.	0.6	9
57	Resection of a Pediatric Thalamic Juvenile Pilocytic Astrocytoma with Whole Brain Tractography. <i>Cureus</i> , 2017, 9, e1768.	0.2	8
58	MR imaging phenotype correlates with extent of genome-wide copy number abundance in IDH mutant gliomas. <i>Neuroradiology</i> , 2019, 61, 1023-1031.	1.1	8
59	Bioluminescent In Vivo Imaging of Orthotopic Glioblastoma Xenografts in Mice. <i>Methods in Molecular Biology</i> , 2018, 1741, 191-198.	0.4	7
60	Lentiviral Transduction of Primary Human Glioblastoma Cultures. <i>Methods in Molecular Biology</i> , 2018, 1741, 81-89.	0.4	7
61	Sequencing and curation strategies for identifying candidate glioblastoma treatments. <i>BMC Medical Genomics</i> , 2019, 12, 56.	0.7	7
62	Adhesion G protein-coupled receptors in glioblastoma. <i>Neuro-Oncology Advances</i> , 2021, 3, vdab046.	0.4	7
63	Intracellular pH Measurements in Glioblastoma Cells Using the pH-Sensitive Dye BCECF. <i>Methods in Molecular Biology</i> , 2018, 1741, 103-109.	0.4	6
64	In vitro evidence for glioblastoma cell death in temperatures found in the penumbra of laser-ablated tumors. <i>International Journal of Hyperthermia</i> , 2020, 37, 20-26.	1.1	6
65	Epstein-Barr Virus-Positive Primary Central Nervous System Lymphoma in a 40-Year-Old Immunocompetent Patient. <i>Cureus</i> , 2021, 13, e12754.	0.2	6
66	Evaluation of Radioresponse and Radiosensitizers in Glioblastoma Organotypic Cultures. <i>Methods in Molecular Biology</i> , 2018, 1741, 171-182.	0.4	5
67	Re-evaluating Biopsy for Recurrent Glioblastoma: A Position Statement by the Christopher Davidson Forum Investigators. <i>Neurosurgery</i> , 2021, 89, 129-132.	0.6	5
68	Treatment of sellar metastases with gamma knife radiosurgery in patients with advanced cancer. <i>Pituitary</i> , 2020, 23, 665-671.	1.6	4
69	Volumetric growth rates of untreated cavernous sinus meningiomas. <i>Journal of Neurosurgery</i> , 2022, 136, 749-756.	0.9	4
70	Modeling Glioma with Human Embryonic Stem Cell-Derived Neural Lineages. <i>Methods in Molecular Biology</i> , 2018, 1741, 227-237.	0.4	3
71	Isolation of Glioblastoma Stem Cells with Flow Cytometry. <i>Methods in Molecular Biology</i> , 2018, 1741, 71-79.	0.4	3
72	Awake Laser Ablation for Patients With Tumors in Eloquent Brain Areas: Operative Technique and Case Series. <i>Cureus</i> , 2020, 12, e12186.	0.2	3

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73	Performance of orientation distribution function fingerprinting with a biophysical multicompartment diffusion model. <i>Magnetic Resonance in Medicine</i> , 2022, 88, 418-435.	1.9	3
74	Evaluation of Vascularity, Blood Perfusion, and Oxygen Tension in Tumor Xenografts with Fluorescent Microscopy. <i>Methods in Molecular Biology</i> , 2018, 1741, 199-207.	0.4	2
75	Selective Targeting of CD133-Expressing Glioblastoma Stem Cells Using Lentiviral Vectors. <i>Methods in Molecular Biology</i> , 2018, 1741, 91-101.	0.4	2
76	Breaking Tradition to Bridge Bench and Bedside: Accelerating the MD-PhD-Residency Pathway. <i>Academic Medicine</i> , 2021, 96, 518-521.	0.8	2
77	TMIC-19HYPOXIA-INDUCIBLE GENE (HIG2) AND PERILIPIN 2 ARE SPECIFIC BIOMARKERS OF HYPOXIC TUMOR CELLS IN GLIOMA AND STROMAL CELLS IN CNS HEMANGIOBLASTOMA. <i>Neuro-Oncology</i> , 2015, 17, v218.7-v.	0.6	1
78	NIMG-48. MR IMAGING PHENOTYPE CORRELATES WITH EXTENT OF GENOME-WIDE COPY NUMBER ABUNDANCE IN IDH MUTATED GLIOMAS. <i>Neuro-Oncology</i> , 2017, 19, vi152-vi152.	0.6	1
79	LGG-11. LOW-GRADE ASTROCYTOMA CORE MUTATIONS IN IDH1, P53 AND ATRX COOPERATE TO BLOCK DIFFERENTIATION OF HUMAN NEURAL STEM CELLS VIA EPIGENETIC REPRESSION OF SOX2. <i>Neuro-Oncology</i> , 2017, 19, iv35-iv35.	0.6	1
80	Endometrial adenocarcinoma presenting as a suprasellar mass: lessons to be learned. <i>Ecancermedalscience</i> , 2020, 14, 1083.	0.6	1
81	The Cost Effectiveness of Implementation of a Postoperative Endocrinopathy Management Protocol after Resection of Pituitary Adenomas. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2022, 83, 618-625.	0.4	1
82	SC-04 * NON-UNIFORM NOTCH SIGNALING UNDERLIES HETEROGENEITY WITHIN THE GLIOBLASTOMA STEM CELL POPULATION. <i>Neuro-Oncology</i> , 2014, 16, v197-v197.	0.6	0
83	STEM-04DEFINING GLIOBLASTOMA STEM CELL HETEROGENEITY. <i>Neuro-Oncology</i> , 2015, 17, v208.4-v209.	0.6	0
84	TMOD-06TUMORIGENIC ALTERATIONS BY MUTANT IDH1 IN EARLY GLIOMAGENESIS. <i>Neuro-Oncology</i> , 2015, 17, v227.2-v227.	0.6	0
85	RBIO-02. PERSONALIZED SCREENING OF RADIOSENSITIZATION BY AATGF-Î² SMALL MOLECULE INHIBITOR USING CULTURED EXPLANTS OF HIGH GRADE GLIOMA (HGG) PATIENT SPECIMENS. <i>Neuro-Oncology</i> , 2016, 18, vi172-vi173.	0.6	0
86	STMC-21. ASTROCYTOMA MUTATIONS IDH1, p53 AND ATRX COOPERATE TO BLOCK DIFFERENTIATION OF NEURAL STEM CELLS VIA Sox2. <i>Neuro-Oncology</i> , 2016, 18, vi187-vi187.	0.6	0
87	STMC-25. GPR133 PROMOTES HYPOXIA-DRIVEN TUMOR PROGRESSION IN GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2016, 18, vi187-vi188.	0.6	0
88	ATIM-01. AÂPHASE II, OPEN-LABEL, SINGLE ARM, MULTICENTER STUDY OF AVELUMAB WITH HYPOFRACTIONATED RE-IRRADIATION IN ADULT SUBJECTS WITH TRANSFORMED IDH MUTANT GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2017, 19, vi26-vi26.	0.6	0
89	GENE-02. PERIPHERAL BLOOD DNA METHYLATION PROFILES IDENTIFY IDH1/2 MUTATION STATUS IN ADULTS WITH DIFFUSE GLIOMA. <i>Neuro-Oncology</i> , 2017, 19, vi92-vi92.	0.6	0
90	PATH-42. DETECTION OF TERT MUTATIONS IN CELL-FREE CIRCULATING TUMOR DNA (ctDNA) OF GLIOBLASTOMA PATIENTS USING DROPLET DIGITAL PCR. <i>Neuro-Oncology</i> , 2017, 19, vi180-vi180.	0.6	0

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91	CBIO-19. CHARACTERIZATION OF GPR133 EXPRESSION IN GLIOMA SUBTYPES. <i>Neuro-Oncology</i> , 2017, 19, vi36-vi36.	0.6	0
92	EMBR-02. RECURRENT HOMOZYGOUS DELETION OF DROSHA AND MICRODUPLICATION OF PDE4DIP CONTAINING THE ANCESTRAL DUF1220 DOMAIN IN PINEOBLASTOMA. <i>Neuro-Oncology</i> , 2018, 20, i69-i69.	0.6	0
93	THER-07. A PHASE 0 PHARMACODYNAMIC AND PHARMACOKINETIC STUDY OF EVEROLIMUS IN VESTIBULAR SCHWANNOMA (VS) AND MENINGIOMA PATIENTS. <i>Neuro-Oncology</i> , 2019, 21, ii115-ii115.	0.6	0
94	CSIG-21. DE-ORPHANIZING GPR133 - AN ADHESION GPCR REQUIRED FOR GLIOBLASTOMA PROGRESSION. <i>Neuro-Oncology</i> , 2019, 21, vi48-vi48.	0.6	0
95	STEM-17. LOW GRADE ASTROCYTOMA MUTATIONS COOPERATE TO DISRUPT SOX2 GENOMIC ARCHITECTURE AND BLOCK DIFFERENTIATION VIA PREVIOUSLY UNIDENTIFIED ENHANCER ELEMENTS. <i>Neuro-Oncology</i> , 2019, 21, vi237-vi237.	0.6	0
96	ACTR-09. A PHASE 0 PHARMACODYNAMIC AND PHARMACOKINETIC STUDY OF EVEROLIMUS IN VESTIBULAR SCHWANNOMA (VS) AND MENINGIOMA PATIENTS. <i>Neuro-Oncology</i> , 2019, 21, vi14-vi14.	0.6	0
97	NIMG-09. NONINVASIVE PERFUSION IMAGING BIOMARKER OF MALIGNANT GENOTYPE IN ISOCITRATE DEHYDROGENASE MUTANT GLIOMAS. <i>Neuro-Oncology</i> , 2019, 21, vi163-vi163.	0.6	0
98	The Posterior Nasoseptal Flap: A Novel Technique for Closure after Endoscopic Transsphenoidal Resection of Pituitary Adenomas. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2017, 78, S1-S156.	0.4	0
99	Abstract 3658: DNA methylation of circulating tumor educated leukocytes predicts IDH1/2 mutation status in adult patients with diffuse gliomas. , 2018, , .		0
100	Quality Improvement in Endoscopic Endonasal Surgery. , 2019, 80, .		0
101	Discontinuation of Postoperative Prophylactic Antibiotics for Endoscopic Endonasal Surgery. , 2020, 81, .		0
102	Abstract A65: Longitudinal detection of TERT-mutant plasma cell-free circulating tumor DNA in newly diagnosed glioblastoma patients. , 2020, , .		0
103	Volumetric Growth Rates of Untreated Cavernous Sinus Meningiomas. , 2020, 81, .		0
104	Resolution of Tonsillar Herniation and Syringomyelia Following Resection of a Large Anterior Frontal Parasagittal Meningioma. <i>Cureus</i> , 2020, 12, e7636.	0.2	0
105	NCOG-11. ASSOCIATION OF HYPERGLYCEMIA AND TUMOR SUBCLASS ON SURVIVAL IN IDH-WILDTYPE GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2021, 23, vi154-vi154.	0.6	0
106	CBIO-05. SOX2 CHROMATIN ARCHITECTURE AND ENHANCER ACTIVITY IN THE MAINTENANCE AND DEVELOPMENT OF NEURAL STEM CELLS. <i>Neuro-Oncology</i> , 2021, 23, vi28-vi28.	0.6	0
107	CSIG-05. DISSOCIATION OF THE INTRAMOLECULARLY CLEAVED N- AND C-TERMINAL FRAGMENTS OF ADHESION G PROTEIN-COUPLED RECEPTOR GPR133 (ADGRD1) INCREASES ITS CANONICAL SIGNALING IN GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2021, 23, vi34-vi34.	0.6	0
108	STEM-09. DEFINING THE ROLE OF CD97 IN GLIOBLASTOMA STEM CELL SELF-RENEWAL. <i>Neuro-Oncology</i> , 2021, 23, vi22-vi23.	0.6	0

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109	Discontinuation of Postoperative Prophylactic Antibiotics for Endoscopic Endonasal Skull Base Surgery. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 0, , .	0.4	0
110	CSIG-07. ACTIVATION OF THE ADHESION G PROTEIN-COUPLED RECEPTOR GPR133 BY ANTIBODIES AGAINST THE N-TERMINUS. <i>Neuro-Oncology</i> , 2021, 23, vi34-vi34.	0.6	0