Georgios Batsios

List of Publications by Year
in descending order

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35	211	1039406	1058022
papers	citations	9	14
		h-index	g-index

36	36	36	284
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Acquisition and quantification pipeline for in vivo hyperpolarized ¹³C MR spectroscopy. Magnetic Resonance in Medicine, 2022, 87, 1673-1687.	1.9	1
2	Deuterium magnetic resonance spectroscopy enables noninvasive metabolic imaging of tumor burden and response to therapy in low-grade gliomas. Neuro-Oncology, 2022, 24, 1101-1112.	0.6	11
3	Imaging biomarkers of TERT or GABPB1 silencing in TERT-positive glioblastoma. Neuro-Oncology, 2022, , .	0.6	3
4	Deuterium Metabolic Imaging Reports on TERT Expression and Early Response to Therapy in Cancer. Clinical Cancer Research, 2022, 28, 3526-3536.	3.2	15
5	TBMT-01. HYPERPOLARIZED Î´-[1-13C]GLUCONOLACTONE MONITORS TERT-INDUCED ELEVATION IN PENTOSE PHOSPHATE PATHWAY FLUX IN BRAIN TUMORS IN VIVO. Neuro-Oncology Advances, 2021, 3, i20-i20.	0.4	0
6	BIMG-08. DEUTERIUM MAGNETIC RESONANCE SPECTROSCOPY USING 2H-PYRUVATE ALLOWS NON-INVASIVE IN VIVO IMAGING OF TERT EXPRESSION IN BRAIN TUMORS. Neuro-Oncology Advances, 2021, 3, i2-i2.	0.4	0
7	BIMG-05. TO BE OR NOT TO BE GLYCOLYTIC: DEUTERATED GLUCOSE-BASED ASSESSMENT OF THE WARBURG EFFECT ALLOWS NON-INVASIVE IMAGING OF TUMOR BURDEN AND TREATMENT RESPONSE IN MUTANT IDH GLIOMAS IN VIVO. Neuro-Oncology Advances, 2021, 3, i1-i2.	0.4	0
8	BIMG-02. IMAGING IMMORTALITY: TERT EXPRESSION ALTERS GLUCOSE METABOLISM IN LOW-GRADE GLIOMAS IN A MANNER THAT CAN BE LEVERAGED FOR NONINVASIVE METABOLIC IMAGING. Neuro-Oncology Advances, 2021, 3, i1-i1.	0.4	0
9	Metabolic imaging detects elevated glucose flux through the pentose phosphate pathway associated with TERT expression in low-grade gliomas. Neuro-Oncology, 2021, 23, 1509-1522.	0.6	15
10	Imaging 6-Phosphogluconolactonase Activity in Brain Tumors In Vivo Using Hyperpolarized Î´-[1-13C]gluconolactone. Frontiers in Oncology, 2021, 11, 589570.	1.3	9
11	Non-invasive assessment of telomere maintenance mechanisms in brain tumors. Nature Communications, 2021, 12, 92.	5.8	21
12	NIMG-51. DEUTERIUM METABOLIC IMAGING OF BRAIN TUMOR IMMORTALITY USING 2H-PYRUVATE. Neuro-Oncology, 2021, 23, vi140-vi141.	0.6	0
13	TAMI-40. PEDIATRIC H3K27M MUTANT GLIOMAS UNDERGO METABOLIC REPROGRAMMING THAT CAN BE LEVERAGED FOR NON-INVASIVE METABOLIC IMAGING. Neuro-Oncology, 2021, 23, vi206-vi207.	0.6	0
14	EXTH-46. MRS BASED BIOMARKERS OF IDH1 MUTANT GLIOMA RESPONSE TO THE IDH INHIBITOR BAY-1436032. Neuro-Oncology, 2021, 23, vi173-vi173.	0.6	0
15	BIOM-14. METABOLIC BIOMARKERS OF TERT-TARGETED THERAPY FOR HUMAN GLIOBLASTOMA DETECTED BY MAGNETIC RESONANCE SPECTROSCOPY. Neuro-Oncology, 2021, 23, vi13-vi13.	0.6	0
16	BIOM-10. PRECLINICAL PLATFORM FOR THE IDENTIFICATION OF DEUTERIUM MAGNETIC RESONANCE SPECTROSCOPY-BASED BIOMARKERS OF BRAIN TUMOR METABOLISM. Neuro-Oncology, 2021, 23, vi12-vi12.	0.6	0
17	NIMG-50. DEUTERIUM METABOLIC IMAGING OF THE ALTERNATIVE LENGTHENING OF TELOMERES PATHWAY REPORTS ON TUMOR BURDEN AND PSEUDOPROGRESSION IN LOW-GRADE GLIOMAS. Neuro-Oncology, 2021, 23, vi140-vi140.	0.6	0
18	MR-detectable metabolic biomarkers of response to mutant IDH inhibition in low-grade glioma. Theranostics, 2020, 10, 8757-8770.	4.6	23

#	Article	IF	Citations
19	Glutamate Is a Noninvasive Metabolic Biomarker of IDH1-Mutant Glioma Response to Temozolomide Treatment. Cancer Research, 2020, 80, 5098-5108.	0.4	18
20	In vivo detection of Î³-glutamyl-transferase up-regulation in glioma using hyperpolarized Î³-glutamyl-[1-13C]glycine. Scientific Reports, 2020, 10, 6244.	1.6	12
21	BIOM-19. METABOLIC ALTERATION INDUCED BY SELECTIVE KNOCK DOWN OF GABPB1L IN U251 CELLS. Neuro-Oncology, 2020, 22, ii5-ii6.	0.6	0
22	TAMI-08. A TALE OF TWO TELOMERE MAINTENANCE MECHANISMS: TERT EXPRESSION AND THE ALT PATHWAY INDUCE UNIQUE MRS-DETECTABLE METABOLIC REPROGRAMMING IN LOW-GRADE GLIOMAS. Neuro-Oncology, 2020, 22, ii214-ii214.	0.6	0
23	PI3K/mTOR inhibition of IDH1 mutant glioma leads to reduced 2HG production that is associated with increased survival. Scientific Reports, 2019, 9, 10521.	1.6	36
24	In vivo investigation of hyperpolarized [1,3-13C2]acetoacetate as a metabolic probe in normal brain and in glioma. Scientific Reports, 2019, 9, 3402.	1.6	12
25	CBMT-02. UP-REGULATION OF Î“-GLUTAMYL-TRANSFERASE CAN BE USED TO IMAGE GLIOBLASTOMA USING HYPERPOLARIZED Î“-GLUTAMYL-[1-13C]GLYCINE MRS. Neuro-Oncology, 2019, 21, vi33-vi33.	0.6	0
26	CBMT-08. IN VIVO EVALUATION OF PENTOSE PHOSPHATE PATHWAY ACTIVITY IN ORTHOTOPIC GLIOMA USING HYPERPOLARIZED Î´-[1-13C]GLUCONOLACTONE. Neuro-Oncology, 2019, 21, vi34-vi34.	0.6	0
27	CBMT-41. IMAGING A HALLMARK OF CANCER: HYPERPOLARIZED 13C-MAGNETIC RESONANCE SPECTROSCOPY CAN NON-INVASIVELY MONITOR TERT EXPRESSION IN LOW-GRADE GLIOMAS IN VIVO. Neuro-Oncology, 2019, 21, vi42-vi42.	0.6	0
28	EXTH-20. HYPERPOLARIZED [2-13C] PYRUVATE TO [5-13C] GLUTAMATE AS BIOMARKERS OF IDH1 MUTANT GLIOMA RESPONSE TO TEMOZOLOMIDE THERAPY. Neuro-Oncology, 2019, 21, vi86-vi86.	0.6	4
29	Abstract 5263:1H and13C MRS-based metabolic markers of IDH1 mutant glioma response to temozolomide therapy. , 2019, , .		0
30	Abstract 5263:¹H and¹³C MRS-based metabolic markers of IDH1 mutant glioma response to temozolomide therapy. , 2019, , .		0
31	EXTH-35. IN VIVO 1H MRS DETECTS REDUCED 2HG PRODUCTION IN IDH1 MUTANT GLIOMAS TREATED WITH A DUAL PI3K/MTOR INHIBITOR. Neuro-Oncology, 2018, 20, vi92-vi92.	0.6	0
32	EXTH-76. 1H AND HYPERPOLARIZED 13C MRS BIOMARKERS OF IDH1 MUTANT GLIOMA RESPONSE TO TEMOZOLOMIDE THERAPY. Neuro-Oncology, 2018, 20, vi101-vi101.	0.6	1
33	EXTH-51. PI3K/mTOR INHIBITION LEADS TO REDUCTION IN 2HG PRODUCTION AND CELL PROLIFERATION IN IDH1 MUTANT CELLS. Neuro-Oncology, 2017, 19, vi83-vi84.	0.6	0
34	Hybrid multiband excitation multiecho acquisition for hyperpolarized ¹³ C spectroscopic imaging. Magnetic Resonance in Medicine, 2015, 73, 1713-1717.	1.9	30
35	Multi-echo single-shot EPI for hyperpolarized 13C cardiac metabolic imaging of small animals. Journal of Cardiovascular Magnetic Resonance, 2013, 15, P217.	1.6	0