

George A Vartholomatos

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

1,553
citations

304743
22
h-index

315739
38
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56
all docs

56
docs citations

56
times ranked

2628
citing authors

#	ARTICLE	IF	CITATIONS
1	The microRNAs within the DLK1-DIO3 genomic region: involvement in disease pathogenesis. Cellular and Molecular Life Sciences, 2013, 70, 795-814.	5.4	246
2	MEG3 imprinted gene contribution in tumorigenesis. International Journal of Cancer, 2011, 129, 773-779.	5.1	244
3	Non-coding RNAs and EZH2 interactions in cancer: Long and short tales from the transcriptome. International Journal of Cancer, 2013, 133, 267-274.	5.1	81
4	Fast cell cycle analysis for intraoperative characterization of brain tumor margins and malignancy. Journal of Clinical Neuroscience, 2015, 22, 129-132.	1.5	57
5	Polycomb group proteins and MYC: the cancer connection. Cellular and Molecular Life Sciences, 2014, 71, 257-269.	5.4	51
6	Senescence-associated microRNAs target cell cycle regulatory genes in normal human lung fibroblasts. Experimental Gerontology, 2017, 96, 110-122.	2.8	50
7	Evaluation of meningioma aggressiveness by 99mTc-Tetrofosmin SPECT. Clinical Neurology and Neurosurgery, 2008, 110, 645-648.	1.4	42
8	The canonical NF- κ B pathway differentially protects normal and human tumor cells from ROS-induced DNA damage. Cellular Signalling, 2012, 24, 2007-2023.	3.6	42
9	Deregulated microRNAs in multiple myeloma. Cancer, 2012, 118, 878-887.	4.1	42
10	Circulating progenitor cells: a comparison of patients with glioblastoma or meningioma. Acta Neurologica Belgica, 2013, 113, 7-11.	1.1	37
11	Expression of heat shock proteins in medulloblastoma. Journal of Neurosurgery: Pediatrics, 2013, 12, 452-457.	1.3	35
12	Combined Thrombophilic Mutations in Women with Unexplained Recurrent Miscarriage. American Journal of Reproductive Immunology, 2007, 57, 133-141.	1.2	32
13	Correlation of glioma proliferation assessed by flow cytometry with 99mTc-Tetrofosmin SPECT uptake. Clinical Neurology and Neurosurgery, 2009, 111, 808-811.	1.4	28
14	DLK1-DIO3 imprinted cluster in induced pluripotency: landscape in the mist. Cellular and Molecular Life Sciences, 2014, 71, 4421-4430.	5.4	28
15	Global profiling of EGFR gene mutation, amplification, regulation and tissue protein expression in unknown primary carcinomas: to target or not to target?. Clinical and Experimental Metastasis, 2007, 24, 79-86.	3.3	26
16	Differential expression of Fas system apoptotic molecules in peripheral lymphocytes from patients with Graves' disease and Hashimoto's thyroiditis.. European Journal of Endocrinology, 2008, 158, 853-859.	3.7	26
17	DLK1-MEG3 Imprinted Domain MicroRNAs in Cancer Biology. Critical Reviews in Eukaryotic Gene Expression, 2012, 22, 1-15.	0.9	26
18	Intraoperative flow cytometry for head and neck lesions. Assessment of malignancy and tumour-free resection margins. Oral Oncology, 2019, 99, 104344.	1.5	26

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19	The Past, Present and Future of Flow Cytometry in Central Nervous System Malignancies. <i>Methods and Protocols</i> , 2021, 4, 11.	2.0	25
20	Expression of heat shock proteins in brain tumors. <i>Turkish Neurosurgery</i> , 2014, 24, 745-9.	0.2	24
21	HLA-DR Expressing Peripheral T Regulatory Cells in Newly Diagnosed Patients with Different Forms of Autoimmune Thyroid Disease. <i>Thyroid</i> , 2008, 18, 1195-1200.	4.5	23
22	The Role of Fast Cell Cycle Analysis in Pediatric Brain Tumors. <i>Pediatric Neurosurgery</i> , 2015, 50, 257-263.	0.7	23
23	Enhancer DNA methylation in acute myeloid leukemia and myelodysplastic syndromes. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 1999-2009.	5.4	23
24	The neutrophil, not the tumor. <i>Cancer</i> , 2004, 101, 1767-1775.	4.1	21
25	Embryonal Tumor With Abundant Neuropil and True Rosettes. <i>Journal of Child Neurology</i> , 2013, 28, 1709-1715.	1.4	21
26	Detection of cancer cells and tumor margins during colorectal cancer surgery by intraoperative flow cytometry. <i>International Journal of Surgery</i> , 2022, 104, 106717.	2.7	20
27	Rapid Assessment of Resection Margins During Breast Conserving Surgery Using Intraoperative Flow Cytometry. <i>Clinical Breast Cancer</i> , 2021, 21, e602-e610.	2.4	19
28	Touch Imprint Intraoperative Flow Cytometry as a Complementary Tool for Detailed Assessment of Resection Margins and Tumor Biology in Liver Surgery for Primary and Metastatic Liver Neoplasms. <i>Methods and Protocols</i> , 2021, 4, 66.	2.0	19
29	Chronic NF- κ B activation delays RasV12-induced premature senescence of human fibroblasts by suppressing the DNA damage checkpoint response. <i>Mechanisms of Ageing and Development</i> , 2009, 130, 409-419.	4.6	18
30	Intraoperative cell-cycle analysis to guide brain tumor removal. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E3755-E3755.	7.1	18
31	The value of cell cycle analysis by propidium-iodine staining of CD56+ cells in pediatric brain tumors. <i>Clinical Neurology and Neurosurgery</i> , 2015, 133, 70-74.	1.4	17
32	Free functional muscle transfer failure and thrombophilic gene mutations as a potential risk factor: A case report. <i>Microsurgery</i> , 2007, 27, 88-90.	1.3	15
33	Intraoperative Immunophenotypic Analysis for Diagnosis and Classification of Primary Central Nervous System Lymphomas. <i>World Neurosurgery</i> , 2018, 117, 464-465.	1.3	15
34	The emerging role of intraoperative flow cytometry in intracranial tumor surgery. <i>Clinical Neurology and Neurosurgery</i> , 2020, 192, 105742.	1.4	15
35	Platelet activation after endovascular repair of abdominal aortic aneurysm. <i>Vascular</i> , 2016, 24, 287-294.	0.9	14
36	Intraoperative cell cycle analysis for tumor margins evaluation: The future is now?. <i>International Journal of Surgery</i> , 2018, 53, 380-381.	2.7	13

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37	CV/GA Sarissa-Lancet. Surgical Innovation, 2016, 23, 104-105.	0.9	11
38	Pediatric brain tumor grading based on CD56 quantification. Journal of Pediatric Neurosciences, 2018, 13, 524.	0.3	11
39	MicroRNAs mark in the MLL-rearranged leukemia. Annals of Hematology, 2013, 92, 1439-1450.	1.8	9
40	Intraoperative flow cytometry for diagnosis of central nervous system lesions. Journal of Cytology, 2019, 36, 134.	0.6	9
41	Fluoroacetylation/fluoroethylesterification as a derivatization approach for gas chromatography-mass spectrometry in metabolomics: Preliminary study of lymphohyperplastic diseases. Journal of Chromatography A, 2013, 1302, 125-132.	3.7	7
42	Letter: Is Intraoperative Pathology Needed if 5-Aminolevulinic-Acid-Induced Tissue Fluorescence Is Found in Stereotactic Brain Tumor Biopsy?. Neurosurgery, 2020, 87, E425-E426.	1.1	7
43	From bench to operating theater: has the time come for a molecular scalpel?. Future Oncology, 2017, 13, 121-123.	2.4	6
44	The Role of Intraoperative Flow Cytometry in Surgical Margins of Head and Neck Malignancies. Ear, Nose and Throat Journal, 2020, 100, 014556132093198.	0.8	6
45	Enhancers and MYC interplay in hematopoiesis. Journal of Molecular Medicine, 2020, 98, 471-481.	3.9	6
46	Serum Levels of Soluble Fas in Patients with Multinodular Goiter. Immunological Investigations, 2009, 38, 398-407.	2.0	4
47	Correlation of diffusion tensor and dynamic susceptibility contrast MRI with DNA ploidy and cell cycle analysis of gliomas. Clinical Neurology and Neurosurgery, 2015, 139, 119-124.	1.4	4
48	Letter. Neurosurgery, 2016, 78, E761.	1.1	2
49	The role of circulating progenitor cells in glioma patients. Journal of Neuro-Oncology, 2012, 110, 153-154.	2.9	1
50	Letters to the Editor: Intraoperative diagnosis. Journal of Neurosurgery, 2013, 119, 528-530.	1.6	1
51	Is there a role for intraoperative flow cytometry in brain tumor surgery?. , 2015, 88, 289-290.		1
52	Rapid cell cycle analysis for intraoperative diagnosis of brain tumors. Brain Tumor Pathology, 2015, 32, 151-152.	1.7	1
53	Letter to the Editor: Intraoperative detection of glioma cells by flow cytometry. Journal of Neurosurgery, 2016, 124, 587-588.	1.6	1
54	Letter to the Editor Regarding "Fluorescein Sodium in Surgical Treatment of Recurrent Glioblastoma Multiforme". World Neurosurgery, 2019, 128, 616.	1.3	1

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55	Effectiveness of flow cytometry for brain tumor excision. Photodiagnosis and Photodynamic Therapy, 2017, 18, 323-324.	2.6	0