George A Vartholomatos

List of Publications by Year
in descending order

55	1,553	304602	315616
papers	citations	22 h-index	38 g-index

56	56	56	2628
all docs	docs citations	times ranked	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.	2.4	246
2	MEG3 imprinted gene contribution in tumorigenesis. International Journal of Cancer, 2011, 129, 773-779.	2.3	244
3	Nonâ€coding RNAs and EZH2 interactions in cancer: Long and short tales from the transcriptome. International Journal of Cancer, 2013, 133, 267-274.	2.3	81
4	Fast cell cycle analysis for intraoperative characterization of brain tumor margins and malignancy. Journal of Clinical Neuroscience, 2015, 22, 129-132.	0.8	57
5	Polycomb group proteins and MYC: the cancer connection. Cellular and Molecular Life Sciences, 2014, 71, 257-269.	2.4	51
6	Senescence-associated microRNAs target cell cycle regulatory genes in normal human lung fibroblasts. Experimental Gerontology, 2017, 96, 110-122.	1.2	50
7	Evaluation of meningioma aggressiveness by 99mTc-Tetrofosmin SPECT. Clinical Neurology and Neurosurgery, 2008, 110, 645-648.	0.6	42
8	The canonical NF-Î²B pathway differentially protects normal and human tumor cells from ROS-induced DNA damage. Cellular Signalling, 2012, 24, 2007-2023.	1.7	42
9	Deregulated microRNAs in multiple myeloma. Cancer, 2012, 118, 878-887.	2.0	42
10	Circulating progenitor cells: a comparison of patients with glioblastoma or meningioma. Acta Neurologica Belgica, 2013, 113, 7-11.	0.5	37
11	Expression of heat shock proteins in medulloblastoma. Journal of Neurosurgery: Pediatrics, 2013, 12, 452-457.	0.8	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.	0.6	28
14	DLK1-DIO3 imprinted cluster in induced pluripotency: landscape in the mist. Cellular and Molecular Life Sciences, 2014, 71, 4421-4430.	2.4	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.	1.7	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.	1.9	26
17	DLK1-MEG3 Imprinted Domain MicroRNAs in Cancer Biology. Critical Reviews in Eukaryotic Gene Expression, 2012, 22, 1-15.	0.4	26
18	Intraoperative flow cytometry for head and neck lesions. Assessment of malignancy and tumour-free resection margins. Oral Oncology, 2019, 99, 104344.	0.8	26

#	Article	IF	Citations
19	The Past, Present and Future of Flow Cytometry in Central Nervous System Malignancies. Methods and Protocols, 2021, 4, 11.	0.9	25
20	Expression of heat shock proteins in brain tumors. Turkish Neurosurgery, 2014, 24, 745-9.	0.1	24
21	HLA-DR Expressing Peripheral T Regulatory Cells in Newly Diagnosed Patients with Different Forms of Autoimmune Thyroid Disease. Thyroid, 2008, 18, 1195-1200.	2.4	23
22	The Role of Fast Cell Cycle Analysis in Pediatric Brain Tumors. Pediatric Neurosurgery, 2015, 50, 257-263.	0.4	23
23	Enhancer DNA methylation in acute myeloid leukemia and myelodysplastic syndromes. Cellular and Molecular Life Sciences, 2018, 75, 1999-2009.	2.4	23
24	The neutrophil, not the tumor. Cancer, 2004, 101, 1767-1775.	2.0	21
25	Embryonal Tumor With Abundant Neuropil and True Rosettes. Journal of Child Neurology, 2013, 28, 1709-1715.	0.7	21
26	Detection of cancer cells and tumor margins during colorectal cancer surgery by intraoperative flow cytometry. International Journal of Surgery, 2022, 104, 106717.	1.1	20
27	Rapid Assessment of Resection Margins During Breast Conserving Surgery Using Intraoperative Flow Cytometry. Clinical Breast Cancer, 2021, 21, e602-e610.	1.1	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. Methods and Protocols, 2021, 4, 66.	0.9	19
29	Chronic NF-Î¹B activation delays RasV12-induced premature senescence of human fibroblasts by suppressing the DNA damage checkpoint response. Mechanisms of Ageing and Development, 2009, 130, 409-419.	2.2	18
30	Intraoperative cell-cycle analysis to guide brain tumor removal. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E3755-E3755.	3.3	18
31	The value of cell cycle analysis by propidium-iodine staining of CD56+ cells in pediatric brain tumors. Clinical Neurology and Neurosurgery, 2015, 133, 70-74.	0.6	17
32	Free functional muscle transfer failure and thrombophilic gene mutations as a potential risk factor: A case report. Microsurgery, 2007, 27, 88-90.	0.6	15
33	Intraoperative Immunophenotypic Analysis for Diagnosis and Classification of Primary Central Nervous System Lymphomas. World Neurosurgery, 2018, 117, 464-465.	0.7	15
34	The emerging role of intraoperative flow cytometry in intracranial tumor surgery. Clinical Neurology and Neurosurgery, 2020, 192, 105742.	0.6	15
35	Platelet activation after endovascular repair of abdominal aortic aneurysm. Vascular, 2016, 24, 287-294.	0.4	14
36	Intraoperative cell cycle analysis for tumor margins evaluation: The future is now?. International Journal of Surgery, 2018, 53, 380-381.	1.1	13

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37	GV/GA Sarissa-Lancet. Surgical Innovation, 2016, 23, 104-105.	0.4	11
38	Pediatric brain tumor grading based on CD56 quantification. Journal of Pediatric Neurosciences, 2018, 13, 524.	0.2	11
39	MicroRNAs mark in the MLL-rearranged leukemia. Annals of Hematology, 2013, 92, 1439-1450.	0.8	9
40	Intraoperative flow cytometry for diagnosis of central nervous system lesions. Journal of Cytology, 2019, 36, 134.	0.2	9
41	Fluoroacetylation/fluoroethylesterification as a derivatization approach for gas chromatographyâ€“mass spectrometry in metabolomics: Preliminary study of lymphohyperplastic diseases. Journal of Chromatography A, 2013, 1302, 125-132.	1.8	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.	0.6	7
43	From bench to operating theater: has the time come for a molecular scalpel?. Future Oncology, 2017, 13, 121-123.	1.1	6
44	The Role of Intraoperative Flow Cytometry in Surgical Margins of Head and Neck Malignancies. Ear, Nose and Throat Journal, 2020, 100, 014556132093198.	0.4	6
45	Enhancers and MYC interplay in hematopoiesis. Journal of Molecular Medicine, 2020, 98, 471-481.	1.7	6
46	Serum Levels of Soluble Fas in Patients with Multinodular Goiter. Immunological Investigations, 2009, 38, 398-407.	1.0	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.	0.6	4
48	Letter. Neurosurgery, 2016, 78, E761.	0.6	2
49	The role of circulating progenitor cells in glioma patients. Journal of Neuro-Oncology, 2012, 110, 153-154.	1.4	1
50	Letters to the Editor: Intraoperative diagnosis. Journal of Neurosurgery, 2013, 119, 528-530.	0.9	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.	1.1	1
53	Letter to the Editor: Intraoperative detection of glioma cells by flow cytometry. Journal of Neurosurgery, 2016, 124, 587-588.	0.9	1
54	Letter to the Editor Regarding â€œFluorescein Sodium in Surgical Treatment of Recurrent Glioblastoma Multiformeâ€• World Neurosurgery, 2019, 128, 616.	0.7	1

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55	Effectiveness of flow cytometry for brain tumor excision. Photodiagnosis and Photodynamic Therapy, 2017, 18, 323-324.	1.3	0