

# Corinne E Griguer

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

1,356  
citations

471509

17  
h-index

642732

23  
g-index

23  
all docs

23  
docs citations

23  
times ranked

2506  
citing authors

#	ARTICLE	IF	CITATIONS
1	CD133 Is a Marker of Bioenergetic Stress in Human Glioma. <i>PLoS ONE</i> , 2008, 3, e3655.	2.5	208
2	Acquisition of Temozolomide Chemoresistance in Gliomas Leads to Remodeling of Mitochondrial Electron Transport Chain. <i>Journal of Biological Chemistry</i> , 2010, 285, 39759-39767.	3.4	158
3	Glucose Metabolism Heterogeneity in Human and Mouse Malignant Glioma Cell Lines. <i>Journal of Neuro-Oncology</i> , 2005, 74, 123-133.	2.9	155
4	Acquisition of Chemoresistance in Gliomas Is Associated with Increased Mitochondrial Coupling and Decreased ROS Production. <i>PLoS ONE</i> , 2011, 6, e24665.	2.5	123
5	The integrin Mac-1 (CR3) mediates internalization and directs <i>Bacillus anthracis</i> spores into professional phagocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 1261-1266.	7.1	92
6	Xanthine Oxidase-Dependent Regulation of Hypoxia-Inducible Factor in Cancer Cells. <i>Cancer Research</i> , 2006, 66, 2257-2263.	0.9	81
7	Radioresistance in Glioblastoma and the Development of Radiosensitizers. <i>Cancers</i> , 2020, 12, 2511.	3.7	77
8	Repositioning chlorpromazine for treating chemoresistant glioma through the inhibition of cytochrome c oxidase bearing the COX4-1 regulatory subunit. <i>Oncotarget</i> , 2017, 8, 37568-37583.	1.8	60
9	Bioenergetics Pathways and Therapeutic Resistance in Gliomas: Emerging Role of Mitochondria. <i>Current Pharmaceutical Design</i> , 2011, 17, 2421-2427.	1.9	53
10	Metabolic and functional reprogramming of myeloid-derived suppressor cells and their therapeutic control in glioblastoma. <i>Cell Stress</i> , 2019, 3, 47-65.	3.2	50
11	Nuclear-encoded cytochrome c oxidase subunit 4 regulates BMI1 expression and determines proliferative capacity of high-grade gliomas. <i>Oncotarget</i> , 2015, 6, 4330-4344.	1.8	41
12	The methyl donor S-adenosylmethionine prevents liver hypoxia and dysregulation of mitochondrial bioenergetic function in a rat model of alcohol-induced fatty liver disease. <i>Redox Biology</i> , 2016, 9, 188-197.	9.0	39
13	Prognostic Relevance of Cytochrome c Oxidase in Primary Glioblastoma Multiforme. <i>PLoS ONE</i> , 2013, 8, e61035.	2.5	39
14	Cytochrome C oxidase Inhibition and Cold Plasma-derived Oxidants Synergize in Melanoma Cell Death Induction. <i>Scientific Reports</i> , 2018, 8, 12734.	3.3	38
15	Identification of Small Molecule Inhibitors of Human Cytochrome c Oxidase That Target Chemoresistant Glioma Cells. <i>Journal of Biological Chemistry</i> , 2016, 291, 24188-24199.	3.4	37
16	Mitochondrial Bioenergetics of Metastatic Breast Cancer Cells in Response to Dynamic Changes in Oxygen Tension: Effects of HIF-1 $\pm$ . <i>PLoS ONE</i> , 2013, 8, e68348.	2.5	28
17	IGFBP6 controls the expansion of chemoresistant glioblastoma through paracrine IGF2/IGF-1R signaling. <i>Cell Communication and Signaling</i> , 2018, 16, 61.	6.5	20
18	Catalase Overexpression Drives an Aggressive Phenotype in Glioblastoma. <i>Antioxidants</i> , 2021, 10, 1988.	5.1	17

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19	Whole-Genome Multi-omic Study of Survival in Patients with Glioblastoma Multiforme. G3: Genes, Genomes, Genetics, 2018, 8, 3627-3636.	1.8	12
20	Cytochrome c oxidase mediates labile iron level and radioresistance in glioblastoma. Free Radical Biology and Medicine, 2022, 185, 25-35.	2.9	11
21	Pharmacologic manipulations of mitochondrial membrane potential ( $\Delta\psi^m$ ) selectively in glioma cells. Journal of Neuro-Oncology, 2006, 81, 9-20.	2.9	10
22	COX4-1 promotes mitochondrial supercomplex assembly and limits reactive oxide species production in radioresistant GBM. Cell Stress, 2022, 6, 45-60.	3.2	6
23	Prospective biomarker study in newly diagnosed glioblastoma: Cyto-C clinical trial. Neuro-Oncology Advances, 2022, 4, vdab186.	0.7	1