

Simon-Pierre Gravel

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

3,002
citations

331538

21
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552653

26
g-index

29
all docs

29
docs citations

29
times ranked

6709
citing authors

#	ARTICLE	IF	CITATIONS
1	Low expression of PGC-1 β and other mitochondrial biogenesis modulators in melanoma is associated with growth arrest and the induction of an immunosuppressive gene expression program dependent on MEK and IRF-1. <i>Cancer Letters</i> , 2022, 541, 215738.	3.2	3
2	Immunometabolic modulation of retinal inflammation by CD36 ligand. <i>Scientific Reports</i> , 2019, 9, 12903.	1.6	16
3	RSK Regulates PFK-2 Activity to Promote Metabolic Rewiring in Melanoma. <i>Cancer Research</i> , 2018, 78, 2191-2204.	0.4	47
4	A salicylic acid derivative extends the lifespan of <i>Caenorhabditis elegans</i> by activating autophagy and the mitochondrial unfolded protein response. <i>Aging Cell</i> , 2018, 17, e12830.	3.0	24
5	Translational and HIF-1 α -Dependent Metabolic Reprogramming Underpin Metabolic Plasticity and Responses to Kinase Inhibitors and Biguanides. <i>Cell Metabolism</i> , 2018, 28, 817-832.e8.	7.2	61
6	Interplay between ShcA Signaling and PGC-1 α Triggers Targetable Metabolic Vulnerabilities in Breast Cancer. <i>Cancer Research</i> , 2018, 78, 4826-4838.	0.4	10
7	LKB1 deficiency in T cells promotes the development of gastrointestinal polyposis. <i>Science</i> , 2018, 361, 406-411.	6.0	47
8	Deciphering the Dichotomous Effects of PGC-1 α on Tumorigenesis and Metastasis. <i>Frontiers in Oncology</i> , 2018, 8, 75.	1.3	27
9	Alternative polyadenylation confers Pten mRNAs stability and resistance to microRNAs. <i>Nucleic Acids Research</i> , 2018, 46, 10340-10352.	6.5	29
10	AMPK Maintains Cellular Metabolic Homeostasis through Regulation of Mitochondrial Reactive Oxygen Species. <i>Cell Reports</i> , 2017, 21, 1-9.	2.9	405
11	PRL2 links magnesium flux and sex-dependent circadian metabolic rhythms. <i>JCI Insight</i> , 2017, 2, .	2.3	18
12	ERR α mediates metabolic adaptations driving lapatinib resistance in breast cancer. <i>Nature Communications</i> , 2016, 7, 12156.	5.8	98
13	Metabolomics Analyses of Cancer Cells in Controlled Microenvironments. <i>Methods in Molecular Biology</i> , 2016, 1458, 273-290.	0.4	14
14	nanoCAGE reveals 5' UTR features that define specific modes of translation of functionally related MTOR-sensitive mRNAs. <i>Genome Research</i> , 2016, 26, 636-648.	2.4	177
15	The PGC-1 α /ERR α Axis Represses One-Carbon Metabolism and Promotes Sensitivity to Anti-folate Therapy in Breast Cancer. <i>Cell Reports</i> , 2016, 14, 920-931.	2.9	73
16	mTOR coordinates protein synthesis, mitochondrial activity and proliferation. <i>Cell Cycle</i> , 2015, 14, 473-480.	1.3	397
17	Stable Isotope Tracer Analysis in Isolated Mitochondria from Mammalian Systems. <i>Metabolites</i> , 2014, 4, 166-183.	1.3	33
18	Serine Deprivation Enhances Antineoplastic Activity of Biguanides. <i>Cancer Research</i> , 2014, 74, 7521-7533.	0.4	113

#	ARTICLE	IF	CITATIONS
19	Metformin directly acts on mitochondria to alter cellular bioenergetics. <i>Cancer & Metabolism</i> , 2014, 2, 12.	2.4	330
20	Dual mode of action of metformin on mitochondrial metabolism. <i>Cancer & Metabolism</i> , 2014, 2, .	2.4	0
21	mTORC1 Controls Mitochondrial Activity and Biogenesis through 4E-BP-Dependent Translational Regulation. <i>Cell Metabolism</i> , 2013, 18, 698-711.	7.2	647
22	PGC-1 α supports glutamine metabolism in breast cancer. <i>Cancer & Metabolism</i> , 2013, 1, 22.	2.4	130
23	The complete targeted profile of the organic acid intermediates of the citric acid cycle using a single stable isotope dilution analysis, sodium borodeuteride reduction and selected ion monitoring GC/MS. <i>Metabolomics</i> , 2013, 9, 1019-1030.	1.4	44
24	Phosphorylation of IRF-3 on Ser 339 Generates a Hyperactive Form of IRF-3 through Regulation of Dimerization and CBP Association. <i>Journal of Virology</i> , 2008, 82, 3984-3996.	1.5	78
25	Involvement of the I κ B Kinase (IKK)-Related Kinases Tank-Binding Kinase 1/IKKi and Cullin-Based Ubiquitin Ligases in IFN Regulatory Factor-3 Degradation. <i>Journal of Immunology</i> , 2006, 177, 5059-5067.	0.4	82
26	The Proinflammatory Actions of Angiotensin II Are Dependent on p65 Phosphorylation by the I κ B Kinase Complex. <i>Journal of Biological Chemistry</i> , 2006, 281, 13275-13284.	1.6	64
27	Roles of an I κ B Kinase-related Pathway in Human Cytomegalovirus-infected Vascular Smooth Muscle Cells. <i>Journal of Biological Chemistry</i> , 2005, 280, 7477-7486.	1.6	34
28	Translational and HIF1 α -Dependent Metabolic Reprogramming Underpin Oncometabolome Plasticity and Synergy Between Oncogenic Kinase Inhibitors and Biguanides. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1