

Simon-Pierre Gravel

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1634663/publications.pdf>

Version: 2024-02-01

28
papers

3,002
citations

331538

21
h-index

552653

26
g-index

29
all docs

29
docs citations

29
times ranked

6709
citing authors

#	ARTICLE	IF	CITATIONS
1	mTORC1 Controls Mitochondrial Activity and Biogenesis through 4E-BP-Dependent Translational Regulation. <i>Cell Metabolism</i> , 2013, 18, 698-711.	7.2	647
2	AMPK Maintains Cellular Metabolic Homeostasis through Regulation of Mitochondrial Reactive Oxygen Species. <i>Cell Reports</i> , 2017, 21, 1-9.	2.9	405
3	mTOR coordinates protein synthesis, mitochondrial activity and proliferation. <i>Cell Cycle</i> , 2015, 14, 473-480.	1.3	397
4	Metformin directly acts on mitochondria to alter cellular bioenergetics. <i>Cancer & Metabolism</i> , 2014, 2, 12.	2.4	330
5	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
6	PGC-1 β supports glutamine metabolism in breast cancer. <i>Cancer & Metabolism</i> , 2013, 1, 22.	2.4	130
7	Serine Deprivation Enhances Antineoplastic Activity of Biguanides. <i>Cancer Research</i> , 2014, 74, 7521-7533.	0.4	113
8	ERR β mediates metabolic adaptations driving lapatinib resistance in breast cancer. <i>Nature Communications</i> , 2016, 7, 12156.	5.8	98
9	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
10	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
11	The PGC-1 β /ERR β 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
12	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
13	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
14	RSK Regulates PFK-2 Activity to Promote Metabolic Rewiring in Melanoma. <i>Cancer Research</i> , 2018, 78, 2191-2204.	0.4	47
15	LKB1 deficiency in T cells promotes the development of gastrointestinal polyposis. <i>Science</i> , 2018, 361, 406-411.	6.0	47
16	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
17	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
18	Stable Isotope Tracer Analysis in Isolated Mitochondria from Mammalian Systems. <i>Metabolites</i> , 2014, 4, 166-183.	1.3	33

#	ARTICLE	IF	CITATIONS
19	Alternative polyadenylation confers Pten mRNAs stability and resistance to microRNAs. <i>Nucleic Acids Research</i> , 2018, 46, 10340-10352.	6.5	29
20	Deciphering the Dichotomous Effects of PGC-1 \pm on Tumorigenesis and Metastasis. <i>Frontiers in Oncology</i> , 2018, 8, 75.	1.3	27
21	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
22	PRL2 links magnesium flux and sex-dependent circadian metabolic rhythms. <i>JCI Insight</i> , 2017, 2, .	2.3	18
23	Immunometabolic modulation of retinal inflammation by CD36 ligand. <i>Scientific Reports</i> , 2019, 9, 12903.	1.6	16
24	Metabolomics Analyses of Cancer Cells in Controlled Microenvironments. <i>Methods in Molecular Biology</i> , 2016, 1458, 273-290.	0.4	14
25	Interplay between ShcA Signaling and PGC-1 \pm Triggers Targetable Metabolic Vulnerabilities in Breast Cancer. <i>Cancer Research</i> , 2018, 78, 4826-4838.	0.4	10
26	Low expression of PGC-1 \pm 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
27	Translational and HIF1-Dependent Metabolic Reprogramming Underpin Oncometabolome Plasticity and Synergy Between Oncogenic Kinase Inhibitors and Biguanides. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
28	Dual mode of action of metformin on mitochondrial metabolism. <i>Cancer & Metabolism</i> , 2014, 2, .	2.4	0