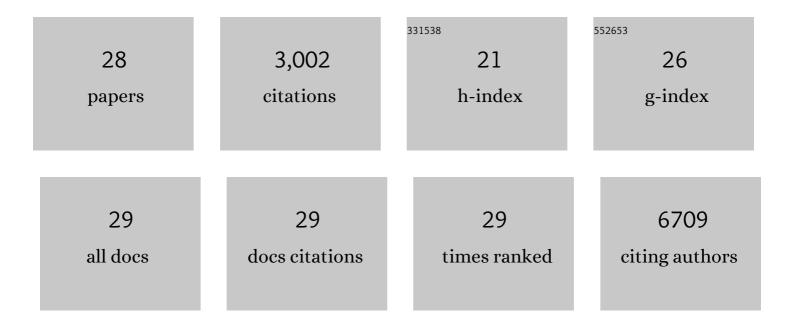
Simon-Pierre Gravel

List of Publications by Year in descending order

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#	Article	lF	CITATIONS
1	mTORC1 Controls Mitochondrial Activity and Biogenesis through 4E-BP-Dependent Translational Regulation. Cell Metabolism, 2013, 18, 698-711.	7.2	647
2	AMPK Maintains Cellular Metabolic Homeostasis through Regulation of Mitochondrial Reactive Oxygen Species. Cell Reports, 2017, 21, 1-9.	2.9	405
3	mTOR coordinates protein synthesis, mitochondrial activity and proliferation. Cell Cycle, 2015, 14, 473-480.	1.3	397
4	Metformin directly acts on mitochondria to alter cellular bioenergetics. Cancer & Metabolism, 2014, 2, 12.	2.4	330
5	nanoCAGE reveals 5′ UTR features that define specific modes of translation of functionally related MTOR-sensitive mRNAs. Genome Research, 2016, 26, 636-648.	2.4	177
6	PGC-1α supports glutamine metabolism in breast cancer. Cancer & Metabolism, 2013, 1, 22.	2.4	130
7	Serine Deprivation Enhances Antineoplastic Activity of Biguanides. Cancer Research, 2014, 74, 7521-7533.	0.4	113
8	ERRα mediates metabolic adaptations driving lapatinib resistance in breast cancer. Nature Communications, 2016, 7, 12156.	5.8	98
9	Involvement of the lκB Kinase (IKK)-Related Kinases Tank-Binding Kinase 1/IKKi and Cullin-Based Ubiquitin Ligases in IFN Regulatory Factor-3 Degradation. Journal of Immunology, 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. Journal of Virology, 2008, 82, 3984-3996.	1.5	78
11	The PGC-1α/ERRα Axis Represses One-Carbon Metabolism and Promotes Sensitivity to Anti-folate Therapy in Breast Cancer. Cell Reports, 2016, 14, 920-931.	2.9	73
12	The Proinflammatory Actions of Angiotensin II Are Dependent on p65 Phosphorylation by the lκB Kinase Complex. Journal of Biological Chemistry, 2006, 281, 13275-13284.	1.6	64
13	Translational and HIF-1α-Dependent Metabolic Reprogramming Underpin Metabolic Plasticity and Responses to Kinase Inhibitors and Biguanides. Cell Metabolism, 2018, 28, 817-832.e8.	7.2	61
14	RSK Regulates PFK-2 Activity to Promote Metabolic Rewiring in Melanoma. Cancer Research, 2018, 78, 2191-2204.	0.4	47
15	LKB1 deficiency in T cells promotes the development of gastrointestinal polyposis. Science, 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. Metabolomics, 2013, 9, 1019-1030.	1.4	44
17	Roles of an lκB Kinase-related Pathway in Human Cytomegalovirus-infected Vascular Smooth Muscle Cells. Journal of Biological Chemistry, 2005, 280, 7477-7486.	1.6	34
18	Stable Isotope Tracer Analysis in Isolated Mitochondria from Mammalian Systems. Metabolites, 2014, 4, 166-183.	1.3	33

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#	Article	IF	CITATIONS
19	Alternative polyadenylation confersÂ <i>Pten</i> mRNAs stability and resistance to microRNAs. Nucleic Acids Research, 2018, 46, 10340-10352.	6.5	29
20	Deciphering the Dichotomous Effects of PGC-11 \pm on Tumorigenesis and Metastasis. Frontiers in Oncology, 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. Aging Cell, 2018, 17, e12830.	3.0	24
22	PRL2 links magnesium flux and sex-dependent circadian metabolic rhythms. JCI Insight, 2017, 2, .	2.3	18
23	Immunometabolic modulation of retinal inflammation by CD36 ligand. Scientific Reports, 2019, 9, 12903.	1.6	16
24	Metabolomics Analyses of Cancer Cells in Controlled Microenvironments. Methods in Molecular Biology, 2016, 1458, 273-290.	0.4	14
25	Interplay between ShcA Signaling and PGC-1α Triggers Targetable Metabolic Vulnerabilities in Breast Cancer. Cancer Research, 2018, 78, 4826-4838.	0.4	10
26	Low expression of PGC-1Î ² 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. Cancer Letters, 2022, 541, 215738.	3.2	3
27	Translational and HIF11-Dependent Metabolic Reprograming Underpin Oncometabolome Plasticity and Synergy Between Oncogenic Kinase Inhibitors and Biguanides. SSRN Electronic Journal, 0, , .	0.4	1
28	Dual mode of action of metformin on mitochondrial metabolism. Cancer & Metabolism, 2014, 2, .	2.4	0