MÃ©lanie Robitaille

List of Publications by Year
in descending order

34	1,720	394421 19	377865 34
papers	citations	h-index	g-index

37	37	37	2774
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Genome-wide CRISPR screens reveal a Wntâ€“FZD5 signaling circuit as a druggable vulnerability of RNF43-mutant pancreatic tumors. Nature Medicine, 2017, 23, 60-68.	30.7	261
2	The Role of GÎ²Î³ Subunits in the Organization, Assembly, and Function of GPCR Signaling Complexes. Annual Review of Pharmacology and Toxicology, 2009, 49, 31-56.	9.4	242
3	BioID-based Identification of Skp Cullin F-box (SCF)Î²-TrCP1/2 E3 Ligase Substrates*. Molecular and Cellular Proteomics, 2015, 14, 1781-1795.	3.8	148
4	Seven Transmembrane Receptor Core Signaling Complexes Are Assembled Prior to Plasma Membrane Trafficking. Journal of Biological Chemistry, 2006, 281, 34561-34573.	3.4	146
5	Heterotrimeric G proteins form stable complexes with adenylyl cyclase and Kir3.1 channels in living cells. Journal of Cell Science, 2006, 119, 2807-2818.	2.0	134
6	A protein complex of SCRIB, NOS1AP and VANGL1 regulates cell polarity and migration, and is associated with breast cancer progression. Oncogene, 2012, 31, 3696-3708.	5.9	109
7	Dopamine Receptor-interacting Protein 78 Acts as a Molecular Chaperone for GÎ³ Subunits before Assembly with GÎ². Journal of Biological Chemistry, 2007, 282, 13703-13715.	3.4	65
8	A Single Conserved Leucine Residue on the First Intracellular Loop Regulates ER Export of G Proteinâ€Coupled Receptors. Traffic, 2009, 10, 552-566.	2.7	57
9	Progesterone Receptor Membrane Component 1 Is a Functional Part of the Glucagon-like Peptide-1 (GLP-1) Receptor Complex in Pancreatic Î² Cells. Molecular and Cellular Proteomics, 2014, 13, 3049-3062.	3.8	48
10	ORAI1 and ORAI3 in Breast Cancer Molecular Subtypes and the Identification of ORAI3 as a Hypoxia Sensitive Gene and a Regulator of Hypoxia Responses. Cancers, 2019, 11, 208.	3.7	47
11	Combining protein complementation assays with resonance energy transfer to detect multipartner protein complexes in living cells. Methods, 2008, 45, 214-218.	3.8	42
12	A synthetic anti-Frizzled antibody engineered for broadened specificity exhibits enhanced anti-tumor properties. MAbs, 2018, 10, 1157-1167.	5.2	39
13	Rab1 GTPase and Dimerization in the Cell Surface Expression of Angiotensin II Type 2 Receptor. Journal of Pharmacology and Experimental Therapeutics, 2009, 330, 109-117.	2.5	38
14	Ubiquitination and activation of a Rab GTPase promoted by a Î²2-Adrenergic Receptor/HACE1 complex. Journal of Cell Science, 2014, 127, 111-23.	2.0	36
15	Intracellular trafficking and assembly of specific Kir3 channel/G protein complexes. Cellular Signalling, 2009, 21, 488-501.	3.6	33
16	YB-1 is elevated in medulloblastoma and drives proliferation in Sonic hedgehog-dependent cerebellar granule neuron progenitor cells and medulloblastoma cells. Oncogene, 2016, 35, 4256-4268.	5.9	32
17	SAPCD2 Controls Spindle Orientation and Asymmetric Divisions by Negatively Regulating the GÎ±i-LGN-NuMA Ternary Complex. Developmental Cell, 2016, 36, 50-62.	7.0	31
18	Novel, Gel-free Proteomics Approach Identifies RNF5 and JAMP as Modulators of GPCR Stability. Molecular Endocrinology, 2013, 27, 1245-1266.	3.7	30

#	Article	IF	Citations
19	GÎ²Î³ is a negative regulator of AP-1 mediated transcription. Cellular Signalling, 2010, 22, 1254-1266.	3.6	29
20	Activation of the Ion Channel TRPV4 Induces Epithelial to Mesenchymal Transition in Breast Cancer Cells. International Journal of Molecular Sciences, 2020, 21, 9417.	4.1	21
21	ARGLU1 is a transcriptional coactivator and splicing regulator important for stress hormone signaling and development. Nucleic Acids Research, 2019, 47, 2856-2870.	14.5	20
22	The Identification of Novel Protein-Protein Interactions in Liver that Affect Glucagon Receptor Activity. PLoS ONE, 2015, 10, e0129226.	2.5	19
23	GÎ² 4 Î³ 1 as a modulator of M3 muscarinic receptor signalling and novel roles of GÎ² 1 subunits in the modulation of cellular signalling. Cellular Signalling, 2015, 27, 1597-1608.	3.6	18
24	Assessment of cytosolic free calcium changes during ceramide-induced cell death in MDA-MB-231 breast cancer cells expressing the calcium sensor GCaMP6m. Cell Calcium, 2018, 72, 39-50.	2.4	14
25	Novel Tools for Use in Bioluminescence Resonance Energy Transfer (BRET) Assays. Methods in Molecular Biology, 2009, 574, 215-234.	0.9	12
26	NCSâ€1 expression is higher in basal breast cancers and regulates calcium influx and cytotoxic responses to doxorubicin. Molecular Oncology, 2020, 14, 87-104.	4.6	7
27	ORAI1 regulates sustained cytosolic free calcium fluctuations during breast cancer cell apoptosis and apoptotic resistance via a STIM1 independent pathway. FASEB Journal, 2022, 36, e22108.	0.5	7
28	Increased matrix stiffness suppresses ATP-induced sustained Ca2+ influx in MDA-MB-231 breast cancer cells. Cell Calcium, 2022, 104, 102569.	2.4	6
29	Tandem Affinity Purification to Identify Cytosolic and Nuclear GÎ²Î³-Interacting Proteins. Methods in Molecular Biology, 2015, 1234, 161-184.	0.9	5
30	Altered Calcium Influx Pathways in Cancer-Associated Fibroblasts. Biomedicines, 2021, 9, 680.	3.2	4
31	ORAI1-Regulated Gene Expression in Breast Cancer Cells: Roles for STIM1 Binding, Calcium Influx and Transcription Factor Translocation. International Journal of Molecular Sciences, 2022, 23, 5867.	4.1	4
32	Real-Time BRET Assays to Measure G Protein/Effector Interactions. Methods in Molecular Biology, 2011, 756, 245-261.	0.9	3
33	Abstract P6-06-15: Remodelling of calcium influx pathways in breast cancer associated fibroblasts. , 2020, , .		0
34	Uncoiling the link between STIM1 and metastatic pathways in estrogen receptor negative breast cancer cells.. Cell Calcium, 2022, 103, 102563.	2.4	0