

# marie Potier-Cartereau

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

2,332  
citations

279798

23  
h-index

302126

39  
g-index

43  
all docs

43  
docs citations

43  
times ranked

2787  
citing authors

#	ARTICLE	IF	CITATIONS
1	Stim1 and Orai1 Mediate CRAC Currents and Store-Operated Calcium Entry Important for Endothelial Cell Proliferation. <i>Circulation Research</i> , 2008, 103, 1289-1299.	4.5	341
2	Evidence for STIM1 and Orai1 dependent storeoperated calcium influx through CRAC in vascular smooth muscle cells: role in proliferation and migration. <i>FASEB Journal</i> , 2009, 23, 2425-2437.	0.5	256
3	Downregulation of Orai3 arrests cell cycle progression and induces apoptosis in breast cancer cells but not in normal breast epithelial cells. <i>Journal of Cellular Physiology</i> , 2011, 226, 542-551.	4.1	165
4	Pivotal Role of the Lipid Raft SK3 Orai1 Complex in Human Cancer Cell Migration and Bone Metastases. <i>Cancer Research</i> , 2013, 73, 4852-4861.	0.9	160
5	KCa and Ca <sup>2+</sup> channels: The complex thought. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 2322-2333.	4.1	130
6	Identification of SK3 channel as a new mediator of breast cancer cell migration. <i>Molecular Cancer Therapeutics</i> , 2006, 5, 2946-2953.	4.1	111
7	SK3/TRPC1/Orai1 complex regulates SOCE-dependent colon cancer cell migration: a novel opportunity to modulate anti-EGFR mAb action by the alkyl-lipid Ohmline. <i>Oncotarget</i> , 2016, 7, 36168-36184.	1.8	101
8	Voltage-Gated Sodium Channels: New Targets in Cancer Therapy?. <i>Current Pharmaceutical Design</i> , 2006, 12, 3681-3695.	1.9	88
9	The SigmaR1 chaperone drives breast and colorectal cancer cell migration by tuning SK3-dependent Ca <sup>2+</sup> homeostasis. <i>Oncogene</i> , 2017, 36, 3640-3647.	5.9	82
10	Mitochondrial Calcium Regulation of Redox Signaling in Cancer. <i>Cells</i> , 2020, 9, 432.	4.1	77
11	KCa <sub>2.3</sub> channel-dependent hyperpolarization increases melanoma cell motility. <i>Experimental Cell Research</i> , 2009, 315, 3620-3630.	2.6	66
12	Targeting SKCa Channels in Cancer: Potential New Therapeutic Approaches. <i>Current Medicinal Chemistry</i> , 2012, 19, 697-713.	2.4	61
13	Alkyl ether lipids, ion channels and lipid raft reorganization in cancer therapy. , 2016, 165, 114-131.		61
14	Lipid rafts, KCa/ClCa/Ca <sup>2+</sup> channel complexes and EGFR signaling: Novel targets to reduce tumor development by lipids?. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015, 1848, 2603-2620.	2.6	59
15	Functional cooperation between KCa <sub>3.1</sub> and TRPC1 channels in human breast cancer: Role in cell proliferation and patient prognosis. <i>Oncotarget</i> , 2016, 7, 36419-36435.	1.8	56
16	New Alkyl-Lipid Blockers of SK3 Channels Reduce Cancer Cell Migration and Occurrence of Metastasis. <i>Current Cancer Drug Targets</i> , 2011, 11, 1111-1125.	1.6	52
17	Activation of TRPV2 and BKCa channels by the LL-37 enantiomers stimulates calcium entry and migration of cancer cells. <i>Oncotarget</i> , 2016, 7, 23785-23800.	1.8	44
18	Constitutive calcium entry and cancer: updated views and insights. <i>European Biophysics Journal</i> , 2017, 46, 395-413.	2.2	42

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19	NSC-34 Motor Neuron-Like Cells Are Unsuitable as Experimental Model for Glutamate-Mediated Excitotoxicity. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 118.	3.7	41
20	Lipid metabolism and Calcium signaling in epithelial ovarian cancer. <i>Cell Calcium</i> , 2019, 81, 38-50.	2.4	36
21	In vitro and in vivo evidence for an inflammatory role of the calcium channel TRPV4 in lung epithelium: Potential involvement in cystic fibrosis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 311, L664-L675.	2.9	31
22	cAMPâ€‘PKA inhibition of SK3 channel reduced both Ca <sup>2+</sup> entry and cancer cell migration by regulation of SK3â€‘Orai1 complex. <i>Pflügers Archiv European Journal of Physiology</i> , 2014, 466, 1921-1932.	2.8	30
23	A Novel Calcium-Mediated EMT Pathway Controlled by Lipids: An Opportunity for Prostate Cancer Adjuvant Therapy. <i>Cancers</i> , 2019, 11, 1814.	3.7	27
24	Ca <sup>2+</sup> protein alpha 1D of CaV1.3 regulates intracellular calcium concentration and migration of colon cancer cells through a non-canonical activity. <i>Scientific Reports</i> , 2017, 7, 14199.	3.3	26
25	Hypoxia Promotes Prostate Cancer Aggressiveness by Upregulating EMT-Activator Zeb1 and SK3 Channel Expression. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4786.	4.1	19
26	DiGalactosyl-Glycero-Ether Lipid: synthetic approaches and evaluation as SK3 channel inhibitor. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 4479.	2.8	18
27	Singular Interaction between an Antimetastatic Agent and the Lipid Bilayer: The Ohmline Case. <i>ACS Omega</i> , 2017, 2, 6361-6370.	3.5	18
28	STIM1 at the plasma membrane as a new target in progressive chronic lymphocytic leukemia. , 2019, 7, 111.		18
29	Roles of endogenous ether lipids and associated PUFAs in the regulation of ion channels and their relevance for disease. <i>Journal of Lipid Research</i> , 2020, 61, 840-858.	4.2	17
30	Inactivation of the Carney complex gene 1 (PRKAR1A) alters spatiotemporal regulation of cAMP and cAMP-dependent protein kinase: a study using genetically encoded FRET-based reporters. <i>Human Molecular Genetics</i> , 2014, 23, 1163-1174.	2.9	14
31	New Disaccharideâ€‘Based Ether Lipids as SK3 Ion Channel Inhibitors. <i>ChemMedChem</i> , 2016, 11, 1531-1539.	3.2	14
32	Functional Organotypic Cultures of Prostate Tissues. <i>American Journal of Pathology</i> , 2019, 189, 1268-1275.	3.8	11
33	Lipidic synthetic alkaloids as SK3 channel modulators. Synthesis and biological evaluation of 2-substituted tetrahydropyridine derivatives with potential anti-metastatic activity. <i>European Journal of Medicinal Chemistry</i> , 2020, 186, 111854.	5.5	9
34	Zeb1 and SK3 Channel Are Up-Regulated in Castration-Resistant Prostate Cancer and Promote Neuroendocrine Differentiation. <i>Cancers</i> , 2021, 13, 2947.	3.7	9
35	Synthetic alkyl-ether-lipid promotes TRPV2 channel trafficking trough PI3K/Akt-girdin axis in cancer cells and increases mammary tumour volume. <i>Cell Calcium</i> , 2021, 97, 102435.	2.4	8
36	CaV1.3 enhanced store operated calcium promotes resistance to androgen deprivation in prostate cancer. <i>Cell Calcium</i> , 2022, 103, 102554.	2.4	8

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37	AaTs-1: A Tetrapeptide from Androctonus australis Scorpion Venom, Inhibiting U87 Glioblastoma Cells Proliferation by p53 and FPRL-1 Up-Regulations. <i>Molecules</i> , 2021, 26, 7610.	3.8	7
38	Potassium and Calcium Channel Complexes as Novel Targets for Cancer Research. <i>Reviews of Physiology, Biochemistry and Pharmacology</i> , 2020, , 157-176.	1.6	6
39	Strengthening Anti-Glioblastoma Effect by Multi-Branched Dendrimers Design of a Scorpion Venom Tetrapeptide. <i>Molecules</i> , 2022, 27, 806.	3.8	6
40	SK3 Gene Polymorphism Is Associated with Taxane Neurotoxicity and Cell Calcium Homeostasis. <i>Clinical Cancer Research</i> , 2018, 24, 5313-5320.	7.0	4
41	Calcium Channel Blockers Impair the Antitumor Activity of Anti-CD20 Monoclonal Antibodies by Blocking EGR-1 Induction. <i>Molecular Cancer Therapeutics</i> , 2020, 19, 2371-2381.	4.1	3
42	Glyco-phospho-glycero-ether lipid as modulator of SK3 ion channel and SK3-dependent cancer cell migration. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016, 191, 1623-1624.	1.6	0