

Martijn Kerkhofs

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,194
citations

623574

14
h-index

677027

22
g-index

23
all docs

23
docs citations

23
times ranked

1850
citing authors

#	ARTICLE	IF	CITATIONS
1	VDAC oligomers form mitochondrial pores to release mtDNA fragments and promote lupus-like disease. <i>Science</i> , 2019, 366, 1531-1536.	6.0	344
2	Non-canonical function of IRE1 β determines mitochondria-associated endoplasmic reticulum composition to control calcium transfer and bioenergetics. <i>Nature Cell Biology</i> , 2019, 21, 755-767.	4.6	168
3	Endoplasmic Reticulum-Mitochondria Communication Through Ca ²⁺ Signaling: The Importance of Mitochondria-Associated Membranes (MAMs). <i>Advances in Experimental Medicine and Biology</i> , 2017, 997, 49-67.	0.8	107
4	Emerging molecular mechanisms in chemotherapy: Ca ²⁺ signaling at the mitochondria-associated endoplasmic reticulum membranes. <i>Cell Death and Disease</i> , 2018, 9, 334.	2.7	104
5	Role of Mitochondria-Associated ER Membranes in Calcium Regulation in Cancer-Specific Settings. <i>Neoplasia</i> , 2018, 20, 510-523.	2.3	96
6	Balancing ER-Mitochondrial Ca ²⁺ Fluxes in Health and Disease. <i>Trends in Cell Biology</i> , 2021, 31, 598-612.	3.6	69
7	Endoplasmic Reticulum-Mitochondrial Ca ²⁺ Fluxes Underlying Cancer Cell Survival. <i>Frontiers in Oncology</i> , 2017, 7, 70.	1.3	67
8	Alterations in Ca ²⁺ Signalling via ER-Mitochondria Contact Site Remodelling in Cancer. <i>Advances in Experimental Medicine and Biology</i> , 2017, 997, 225-254.	0.8	35
9	Bcl-2 inhibitors as anti-cancer therapeutics: The impact of and on calcium signaling. <i>Cell Calcium</i> , 2018, 70, 102-116.	1.1	35
10	Pathophysiological consequences of isoform-specific IP3 receptor mutations. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2018, 1865, 1707-1717.	1.9	31
11	BIRD-2, a BH4-domain-targeting peptide of Bcl-2, provokes Bax/Bak-independent cell death in B-cell cancers through mitochondrial Ca ²⁺ -dependent mPTP opening. <i>Cell Calcium</i> , 2021, 94, 102333.	1.1	28
12	Therapeutic implications of novel peptides targeting ER-Mitochondria Ca ²⁺ -flux systems. <i>Drug Discovery Today</i> , 2019, 24, 1092-1103.	3.2	21
13	Cancer cell death strategies by targeting Bcl-2's BH4 domain. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1868, 118983.	1.9	21
14	ABT-199 (Venetoclax), a BH3-mimetic Bcl-2 inhibitor, does not cause Ca ²⁺ signalling dysregulation or toxicity in pancreatic acinar cells. <i>British Journal of Pharmacology</i> , 2019, 176, 4402-4415.	2.7	18
15	Recent advances in uncovering the mechanisms contributing to BIRD-2-induced cell death in B-cell cancer cells. <i>Cell Death and Disease</i> , 2019, 10, 42.	2.7	11
16	DLBCL Cells with Acquired Resistance to Venetoclax Are Not Sensitized to BIRD-2 But Can Be Resensitized to Venetoclax through Bcl-XL Inhibition. <i>Biomolecules</i> , 2020, 10, 1081.	1.8	9
17	A non-canonical role for pyruvate kinase M2 as a functional modulator of Ca ²⁺ signalling through IP3 receptors. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2022, 1869, 119206.	1.9	9
18	Recent advances in understanding IP3R function with focus on ER-mitochondrial Ca ²⁺ transfers. <i>Current Opinion in Physiology</i> , 2020, 17, 80-88.	0.9	7

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19	Cytosolic Ca ²⁺ oversees the MASs production of pyruvate for the mitochondrial market. Cell Calcium, 2020, 89, 102223.	1.1	3
20	Dynamic control of mitochondria-associated membranes by kinases and phosphatases in health and disease. Cellular and Molecular Life Sciences, 2021, 78, 6541-6556.	2.4	3
21	Bok joining the "Ca ²⁺ club". Cell Calcium, 2021, 98, 102438.	1.1	1
22	Getting old without type 2 IP3 receptors. Cell Calcium, 2021, 98, 102437.	1.1	0