Manabu Kurokawa

List of Publications by Year
in descending order

47 papers	3,093 citations	218677 26 h-index	254184 43 g-index
48 all docs	48 docs citations	48 times ranked	3742 citing authors

#	Article	IF	Citations
1	Evading apoptosis in cancer. Trends in Cell Biology, 2013, 23, 620-633.	7.9	436
2	Caspases and Kinases in a Death Grip. Cell, 2009, 138, 838-854.	28.9	394
3	Requirement of Phospholipase Cdelta 4 for the Zona Pellucida-Induced Acrosome Reaction. Science, 2001, 292, 920-923.	12.6	186
4	Transgenic RNA Interference Reveals Role for Mouse Sperm Phospholipase CÎ¶ in Triggering Ca2+ Oscillations During Fertilization1. Biology of Reproduction, 2005, 72, 992-996.	2.7	165
5	Mechanisms underlying oocyte activation and postovulatory ageing. Reproduction, 2002, 124, 745-754.	2.6	160
6	Phospholipase CÎ´4 is required for Ca2+ mobilization essential for acrosome reaction in sperm. Journal of Cell Biology, 2003, 161, 79-88.	5.2	155
7	Intracellular Calcium Oscillations Signal Apoptosis Rather than Activation in In Vitro Aged Mouse Eggs1. Biology of Reproduction, 2002, 66, 1828-1837.	2.7	153
8	Calcium oscillations and mammalian egg activation. Journal of Cellular Physiology, 2006, 206, 565-573.	4.1	106
9	CD36-Mediated Metabolic Rewiring of Breast Cancer Cells Promotes Resistance to HER2-Targeted Therapies. Cell Reports, 2019, 29, 3405-3420.e5.	6.4	104
10	ICSI-generated mouse zygotes exhibit altered calcium oscillations, inositol 1,4,5-trisphosphate receptor-1 down-regulation, and embryo development. Molecular Human Reproduction, 2003, 9, 523-533.	2.8	96
11	Functional, biochemical, and chromatographic characterization of the complete [Ca2+]i oscillation-inducing activity of porcine sperm. Developmental Biology, 2005, 285, 376-392.	2.0	94
12	Metabolic Control of Oocyte Apoptosis Mediated by 14-3-3Î¶-Regulated Dephosphorylation of Caspase-2. Developmental Cell, 2009, 16, 856-866.	7.0	91
13	Inhibition of Apoptosome Formation by Suppression of Hsp90Î² Phosphorylation in Tyrosine Kinase-Induced Leukemias. Molecular and Cellular Biology, 2008, 28, 5494-5506.	2.3	80
14	Proteolytic processing of phospholipase CÎ¶ and [Ca2+]i oscillations during mammalian fertilization. Developmental Biology, 2007, 312, 407-418.	2.0	69
15	Mammalian Fertilization: From Sperm Factor to Phospholipase CÎ¶. Biology of the Cell, 2004, 96, 37-45.	2.0	68
16	Receptor tyrosine kinase ERBB4 mediates acquired resistance to ERBB2 inhibitors in breast cancer cells. Cell Cycle, 2015, 14, 648-655.	2.6	66
17	Reconstitution of Src-dependent Phospholipase CÎ³ Phosphorylation and Transient Calcium Release by Using Membrane Rafts and Cell-free Extracts from Xenopus Eggs. Journal of Biological Chemistry, 2003, 278, 38413-38420.	3.4	57
18	A Network of Substrates of the E3 Ubiquitin Ligases MDM2 and HUWE1 Control Apoptosis Independently of p53. Science Signaling, 2013, 6, ra32.	3.6	56

#	Article	IF	Citations
19	Cell cycle-coupled [Ca2+]i oscillations in mouse zygotes and function of the inositol 1,4,5-trisphosphate receptor-1. Developmental Biology, 2004, 274, 94-109.	2.0	53
20	Evidence that activation of Src family kinase is not required for fertilization-associated [Ca2+]i oscillations in mouse eggs. Reproduction, 2004, 127, 441-454.	2.6	44
21	Release of the Ca2+ oscillation-inducing sperm factor during mouse fertilization. Developmental Biology, 2003, 260, 536-547.	2.0	40
22	Rsk-mediated phosphorylation and 14-3-3Îµ binding of Apaf-1 suppresses cytochrome<i>c</i>-induced apoptosis. EMBO Journal, 2012, 31, 1279-1292.	7.8	39
23	Regulation of MDM2 Stability After DNA Damage. Journal of Cellular Physiology, 2015, 230, 2318-2327.	4.1	39
24	Regulation of the p53 Family Proteins by the Ubiquitin Proteasomal Pathway. International Journal of Molecular Sciences, 2020, 21, 261.	4.1	36
25	Metabolic Activation of CaMKII by Coenzyme A. Molecular Cell, 2013, 52, 325-339.	9.7	35
26	Direct regulation of Chk1 protein stability by E3 ubiquitin ligase HUWE1. FEBS Journal, 2020, 287, 1985-1999.	4.7	35
27	Calcium and sperm components in the establishment of the membrane block to polyspermy: studies of ICSI and activation with sperm factor. Molecular Human Reproduction, 2007, 13, 557-565.	2.8	26
28	Fatty acid-like Pt(<scp>iv</scp>) prodrugs overcome cisplatin resistance in ovarian cancer by harnessing CD36. Chemical Communications, 2020, 56, 10706-10709.	4.1	26
29	Patterns of Intracellular Calcium Oscillations in Horse Oocytes Fertilized by Intracytoplasmic Sperm Injection: Possible Explanations for the Low Success of This Assisted Reproduction Technique in the Horse1. Biology of Reproduction, 2004, 70, 936-944.	2.7	22
30	Macromolecular Crowding: a Hidden Link Between Cell Volume and Everything Else. Cellular Physiology and Biochemistry, 2021, 55, 25-40.	1.6	20
31	Lipid metabolic reprogramming as an emerging mechanism of resistance to kinase inhibitors in breast cancer. , 2020, 3, .		20
32	Modifications of the Ca2+ release mechanisms of mouse oocytes by fertilization and by sperm factor. Molecular Human Reproduction, 2002, 8, 619-629.	2.8	17
33	Comparison of Ca2+ and CaMKII responses in IVF and ICSI in the mouse. Molecular Human Reproduction, 2007, 13, 265-272.	2.8	17
34	X-Linked Huwe1 Is Essential for Oocyte Maturation and Preimplantation Embryo Development. IScience, 2020, 23, 101523.	4.1	15
35	Stalling in mitosis and releasing the apoptotic brake. EMBO Journal, 2010, 29, 2255-2257.	7.8	12
36	Engineering liposomal nanoparticles of cholesterol-tethered amphiphilic Pt(<scp>iv</scp>) prodrugs with prolonged circulation time in blood. Dalton Transactions, 2020, 49, 8107-8113.	3.3	10

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37	Phospholipase CÎ´4: from genome structure to physiological function. Advances in Enzyme Regulation, 2003, 43, 87-106.	2.6	9
38	Predicting clinical outcomes of cancer patients with a p53 deficiency gene signature. Scientific Reports, 2022, 12, 1317.	3.3	9
39	CD36: a key mediator of resistance to HER2 inhibitors in breast cancer. Molecular and Cellular Oncology, 2020, 7, 1715766.	0.7	8
40	Inverse association between MDM2 and HUWE1 protein expression levels in human breast cancer and liposarcoma. International Journal of Clinical and Experimental Pathology, 2016, 9, 6342-6349.	0.5	8
41	The protein YWHAE (14â€3â€3 epsilon) in spermatozoa is essential for male fertility. Andrology, 2021, 9, 312-328.	3.5	6
42	Engineering a BCR-ABLâ€"activated caspase for the selective elimination of leukemic cells. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 2300-2305.	7.1	5
43	SGK2, 14-3-3, and HUWE1 Cooperate to Control the Localization, Stability, and Function of the Oncoprotein PTOV1. Molecular Cancer Research, 2022, 20, 231-243.	3.4	3
44	Fertilizome Project: Proteomics of Fertilization Signaling - The Biological Bridge Between Gametogenesis and Embryogenesis. Current Proteomics, 2004, 1, 231-246.	0.3	1
45	MDM2 (Murine Double Minute 2). , 2016, , 1-8.		0
46	MDM2 (Murine Double Minute 2). , 2018, , 3021-3028.		0
47	Automated, quantitative analysis of histopathological staining in nuclei. AMIA Summits on Translational Science Proceedings, 2014, 2014, 54-9.	0.4	0