

# Takeo Kishimoto

## List of Publications by Year in descending order

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31  
papers

1,399  
citations

331670

21  
h-index

454955

30  
g-index

33  
all docs

33  
docs citations

33  
times ranked

1196  
citing authors

#	ARTICLE	IF	CITATIONS
1	Akt inhibits Myt1 in the signalling pathway that leads to meiotic G2/M-phase transition. <i>Nature Cell Biology</i> , 2002, 4, 111-116.	10.3	195
2	Cell-cycle control during meiotic maturation. <i>Current Opinion in Cell Biology</i> , 2003, 15, 654-663.	5.4	168
3	Chapter 21 Microinjection and Cytoplasmic Transfer in Starfish Oocytes. <i>Methods in Cell Biology</i> , 1986, 27, 379-394.	1.1	85
4	Phosphorylation States of Microtubule-Associated Protein 2 (MAP2) Determine the Regulatory Role of MAP2 in Microtubule Dynamics. <i>Biochemistry</i> , 1997, 36, 12574-12582.	2.5	75
5	Pertussis toxin inhibits 1-methyladenine-induced maturation in starfish oocytes. <i>Developmental Biology</i> , 1989, 133, 605-608.	2.0	72
6	Regulation of Metaphase by a Maturation-Promoting Factor. (meiosis/mitosis/cell) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td (cycle/m</i> 105-115.	1.5	67
7	Identification of jellyfish neuropeptides that act directly as oocyte maturation inducing hormones. <i>Development (Cambridge)</i> , 2018, 145, .	2.5	62
8	Entry into mitosis: a solution to the decades-long enigma of MPF. <i>Chromosoma</i> , 2015, 124, 417-428.	2.2	59
9	Distinct regulators for Plk1 activation in starfish meiotic and early embryonic cycles. <i>EMBO Journal</i> , 2003, 22, 5633-5642.	7.8	58
10	In Vivo Regulation of Cyclin A/Cdc2 and Cyclin B/Cdc2 through Meiotic and Early Cleavage Cycles in Starfish. <i>Developmental Biology</i> , 1998, 197, 39-53.	2.0	56
11	In situ dephosphorylation of tau by protein phosphatase 2A and 2B in fetal rat primary cultured neurons. <i>FEBS Letters</i> , 1995, 376, 238-242.	2.8	47
12	Porcine brain neurofilament H tail domain kinase: Its identification as cdk5/p26 complex and comparison with cdc2/cyclin B kinase. <i>Cytoskeleton</i> , 1995, 31, 283-297.	4.4	42
13	MPF-based meiotic cell cycle control: Half a century of lessons from starfish oocytes. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 2018, 94, 180-203.	3.8	42
14	Neurofilaments of Klotho, the mutant mouse prematurely displaying symptoms resembling human aging. <i>Journal of Neuroscience Research</i> , 2001, 64, 364-370.	2.9	41
15	Ser787 in the Proline-Rich Region of Human MAP4 is a Critical Phosphorylation Site that Reduces its Activity to Promote Tubulin Polymerization.. <i>Cell Structure and Function</i> , 2000, 25, 33-39.	1.1	38
16	Two novel competing pathways establish the threshold for cyclin B-Cdk1 activation at the meiotic G2/M transition. <i>Journal of Cell Science</i> , 2016, 129, 3153-66.	2.0	32
17	Localization and Dynamics of Cdc2-Cyclin B during Meiotic Reinitiation in Starfish Oocytes. <i>Molecular Biology of the Cell</i> , 2003, 14, 4685-4694.	2.1	29
18	PKD1 is required for the hormonal signaling pathway leading to meiotic resumption in starfish oocytes. <i>Developmental Biology</i> , 2004, 276, 330-336.	2.0	29

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19	Phosphorylation of a proline-directed kinase motif is responsible for structural changes in myogenin. <i>FEBS Letters</i> , 1994, 352, 236-242.	2.8	28
20	Phosphorylation of Myristoylated Alanine-Rich C Kinase Substrate (MARCKS) by Proline-Directed Protein Kinases and Its Dephosphorylation. <i>Journal of Neurochemistry</i> , 2002, 65, 802-809.	3.9	27
21	A single starfish Aurora kinase performs the combined functions of Aurora-A and Aurora-B in human cells. <i>Journal of Cell Science</i> , 2010, 123, 3978-3988.	2.0	24
22	A primer on meiotic resumption in starfish oocytes: The proposed signaling pathway triggered by maturation-inducing hormone. <i>Molecular Reproduction and Development</i> , 2011, 78, 704-707.	2.0	23
23	SGK phosphorylates Cdc25 and Myt1 to trigger cyclin B-Cdk1 activation at the meiotic G2/M transition. <i>Journal of Cell Biology</i> , 2019, 218, 3597-3611.	5.2	23
24	More than G1 or G2 arrest: Useful starfish oocyte system for investigating skillful MAP kinase. <i>Biology of the Cell</i> , 2004, 96, 241-244.	2.0	19
25	Neurofilaments of aged rats: The strengthened interneurofilament interaction and the reduced amount of NF-M. <i>Journal of Neuroscience Research</i> , 1999, 58, 337-348.	2.9	14
26	Two Types of Apoptotic Cell Death of Rat Central Nervous System-Derived Neuroblastoma B50 and B104 Cells: Apoptosis Induced During Proliferation and After Differentiation. <i>Journal of Neurochemistry</i> , 2002, 67, 1856-1865.	3.9	11
27	SGK regulates pH increase and cyclin B-Cdk1 activation to resume meiosis in starfish ovarian oocytes. <i>Journal of Cell Biology</i> , 2019, 218, 3612-3629.	5.2	9
28	Dependence of removal of sperm-specific proteins from <i>Xenopus</i> sperm nuclei on the phosphorylation state of nucleoplasmin. <i>Development Growth and Differentiation</i> , 1995, 37, 329-336.	1.5	6
29	An indirect role for cyclin B-Cdc2 in inducing chromosome condensation in <i>Xenopus</i> egg extracts*. <i>Biology of the Cell</i> , 1998, 90, 519-530.	2.0	5
30	The Starfish <i>Asterina pectinifera</i> : Collection and Maintenance of Adults and Rearing and Metamorphosis of Larvae. <i>Methods in Molecular Biology</i> , 2021, 2219, 49-68.	0.9	4
31	In memory of Andr� Picard: 1950-2004. <i>Biology of the Cell</i> , 2005, 97, 349-350.	2.0	0