

RenÃ© H Medema

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,743
citations

394286

19
h-index

526166

27
g-index

28
all docs

28
docs citations

28
times ranked

3369
citing authors

#	ARTICLE	IF	CITATIONS
1	Decisions on life and death: FOXO Forkhead transcription factors are in command when PKB/Akt is off duty. <i>Journal of Leukocyte Biology</i> , 2003, 73, 689-701.	1.5	375
2	The same, only different – DNA damage checkpoints and their reversal throughout the cell cycle. <i>Journal of Cell Science</i> , 2015, 128, 607-20.	1.2	243
3	Transient Activation of p53 in G2 Phase Is Sufficient to Induce Senescence. <i>Molecular Cell</i> , 2014, 55, 59-72.	4.5	177
4	p53 Prohibits Propagation of Chromosome Segregation Errors that Produce Structural Aneuploidies. <i>Cell Reports</i> , 2017, 19, 2423-2431.	2.9	127
5	BUB1 Is Essential for the Viability of Human Cells in which the Spindle Assembly Checkpoint Is Compromised. <i>Cell Reports</i> , 2018, 22, 1424-1438.	2.9	80
6	Breaks in the 45S rDNA Lead to Recombination-Mediated Loss of Repeats. <i>Cell Reports</i> , 2016, 14, 2519-2527.	2.9	79
7	Balanced Activity of Three Mitotic Motors Is Required for Bipolar Spindle Assembly and Chromosome Segregation. <i>Cell Reports</i> , 2014, 8, 948-956.	2.9	78
8	Distinct phosphatases antagonize the p53 response in different phases of the cell cycle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 7313-7318.	3.3	73
9	Function and regulation of dynein in mitotic chromosome segregation. <i>Chromosoma</i> , 2014, 123, 407-422.	1.0	62
10	Chromosomes trapped in micronuclei are liable to segregation errors. <i>Journal of Cell Science</i> , 2018, 131, .	1.2	59
11	Intravital FRET Imaging of Tumor Cell Viability and Mitosis during Chemotherapy. <i>PLoS ONE</i> , 2013, 8, e64029.	1.1	52
12	Optimizing RNA interference for application in mammalian cells. <i>Biochemical Journal</i> , 2004, 380, 593-603.	1.7	41
13	Chromosome misalignments induce spindle positioning defects. <i>EMBO Reports</i> , 2016, 17, 317-325.	2.0	37
14	<sc>ATM</sc> /Wip1 activities at chromatin control Plk1 reactivation to determine G2 checkpoint duration. <i>EMBO Journal</i> , 2017, 36, 2161-2176.	3.5	37
15	Aurora A, MCAK, and Kif18b promote Eg5-independent spindle formation. <i>Chromosoma</i> , 2017, 126, 473-486.	1.0	30
16	Tousled-like kinase 2 regulates recovery from a <sc>DNA</sc> damage-induced G2 arrest. <i>EMBO Reports</i> , 2016, 17, 659-670.	2.0	29
17	Mps1 inhibitors synergise with low doses of taxanes in promoting tumour cell death by enhancement of errors in cell division. <i>British Journal of Cancer</i> , 2018, 118, 1586-1595.	2.9	29
18	Doxorubicin-induced DNA Damage Causes Extensive Ubiquitination of Ribosomal Proteins Associated with a Decrease in Protein Translation*. <i>Molecular and Cellular Proteomics</i> , 2018, 17, 2297-2308.	2.5	28

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19	Understanding inhibitor resistance in Mps1 kinase through novel biophysical assays and structures. <i>Journal of Biological Chemistry</i> , 2017, 292, 14496-14504.	1.6	23
20	PHF6 promotes non-homologous end joining and G2 checkpoint recovery. <i>EMBO Reports</i> , 2020, 21, e48460.	2.0	22
21	Comparative Phosphoproteomic Analysis of Checkpoint Recovery Identifies New Regulators of the DNA Damage Response. <i>Science Signaling</i> , 2013, 6, rs9.	1.6	18
22	Nuclear envelope-associated dynein cooperates with Eg5 to drive prophase centrosome separation. <i>Communicative and Integrative Biology</i> , 2013, 6, e23841.	0.6	15
23	Killing a zombie: a full deletion of the <sc>BUB</sc> 1 gene in <sc>HAP</sc> 1 cells. <i>EMBO Journal</i> , 2019, 38, e102423.	3.5	14
24	Life of double minutes: generation, maintenance, and elimination. <i>Chromosoma</i> , 2022, 131, 107-125.	1.0	6
25	Unexpected gene activation following CRISPR-Cas9-mediated genome editing. <i>EMBO Reports</i> , 2022, 23, e53902.	2.0	5
26	Enter the nucleus to exit the cycle. <i>Cell Cycle</i> , 2014, 13, 2651-2652.	1.3	3
27	Centrosomes: Please keep your social distance!. <i>EMBO Journal</i> , 2021, 40, e107525.	3.5	1
28	Combined Inactivation of Pocket Proteins and APC/CCdh1 by Cdk4/6 Controls Recovery from DNA Damage in G1 Phase. <i>Cells</i> , 2021, 10, 550.	1.8	0