

# Ren H Medema

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

27  
papers

1,281  
citations

16  
h-index

28  
g-index

28  
ext. papers

1,571  
ext. citations

7.4  
avg, IF

4.76  
L-index

| #  | Paper  | IF   | Citations |
|----|--|------|-----------|
| 27 | Life of double minutes: generation, maintenance, and elimination.. <i>Chromosoma</i> , <b>2022</b> , 1   | 2.8  | 0         |
| 26 | Centrosomes: Please keep your social distance!. <i>EMBO Journal</i> , <b>2021</b> , 40, e107525  | 13   | 1         |
| 25 | Unexpected gene activation following CRISPR-Cas9-mediated genome editing.. <i>EMBO Reports</i> , <b>2021</b> , e53902  | 6.5  | 0         |
| 24 | PHF6 promotes non-homologous end joining and G2 checkpoint recovery. <i>EMBO Reports</i> , <b>2020</b> , 21, e48469  | 6.9  | 8         |
| 23 | Killing a zombie: a full deletion of the BUB1 gene in HAP1 cells. <i>EMBO Journal</i> , <b>2019</b> , 38, e102423  | 13   | 10        |
| 22 | Doxorubicin-induced DNA Damage Causes Extensive Ubiquitination of Ribosomal Proteins Associated with a Decrease in Protein Translation. <i>Molecular and Cellular Proteomics</i> , <b>2018</b> , 17, 2297-2308 | 7.6  | 13        |
| 21 | BUB1 Is Essential for the Viability of Human Cells in which the Spindle Assembly Checkpoint Is Compromised. <i>Cell Reports</i> , <b>2018</b> , 22, 1424-1438  | 10.6 | 56        |
| 20 | Chromosomes trapped in micronuclei are liable to segregation errors. <i>Journal of Cell Science</i> , <b>2018</b> , 131,   | 5.3  | 38        |
| 19 | 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> , <b>2018</b> , 118, 1586-1595                  | 8.7  | 16        |
| 18 | p53 Prohibits Propagation of Chromosome Segregation Errors that Produce Structural Aneuploidies. <i>Cell Reports</i> , <b>2017</b> , 19, 2423-2431   | 10.6 | 84        |
| 17 | ATM/Wip1 activities at chromatin control Plk1 re-activation to determine G2 checkpoint duration. <i>EMBO Journal</i> , <b>2017</b> , 36, 2161-2176   | 13   | 28        |
| 16 | Understanding inhibitor resistance in Mps1 kinase through novel biophysical assays and structures. <i>Journal of Biological Chemistry</i> , <b>2017</b> , 292, 14496-14504                                     | 5.4  | 13        |
| 15 | Aurora A, MCAK, and Kif18b promote Eg5-independent spindle formation. <i>Chromosoma</i> , <b>2017</b> , 126, 473-486   | 4.6  | 21        |
| 14 | Chromosome misalignments induce spindle-positioning defects. <i>EMBO Reports</i> , <b>2016</b> , 17, 317-25  | 6.5  | 29        |
| 13 | Breaks in the 45S rDNA Lead to Recombination-Mediated Loss of Repeats. <i>Cell Reports</i> , <b>2016</b> , 14, 2519-2530   | 7.6  | 55        |
| 12 | Tousled-like kinase 2 regulates recovery from a DNA damage-induced G2 arrest. <i>EMBO Reports</i> , <b>2016</b> , 17, 659-70   | 6.5  | 23        |
| 11 | The same, only different - DNA damage checkpoints and their reversal throughout the cell cycle. <i>Journal of Cell Science</i> , <b>2015</b> , 128, 607-20   | 5.3  | 185       |

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|----|---|------|-----|
| 10 | Function and regulation of dynein in mitotic chromosome segregation. <i>Chromosoma</i> , <b>2014</b> , 123, 407-22  | 2.8  | 38  |
| 9  | Transient activation of p53 in G2 phase is sufficient to induce senescence. <i>Molecular Cell</i> , <b>2014</b> , 55, 59-72   | 17.6 | 116 |
| 8  | Enter the nucleus to exit the cycle. <i>Cell Cycle</i> , <b>2014</b> , 13, 2651-2   | 4.7  | 1   |
| 7  | Balanced activity of three mitotic motors is required for bipolar spindle assembly and chromosome segregation. <i>Cell Reports</i> , <b>2014</b> , 8, 948-56  | 10.6 | 54  |
| 6  | 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> , <b>2014</b> , 111, 7313-8 | 11.5 | 59  |
| 5  | Comparative phosphoproteomic analysis of checkpoint recovery identifies new regulators of the DNA damage response. <i>Science Signaling</i> , <b>2013</b> , 6, rs9  | 8.8  | 11  |
| 4  | Nuclear envelope-associated dynein cooperates with Eg5 to drive prophase centrosome separation. <i>Communicative and Integrative Biology</i> , <b>2013</b> , 6, e23841                                      | 1.7  | 12  |
| 3  | Intravital FRET imaging of tumor cell viability and mitosis during chemotherapy. <i>PLoS ONE</i> , <b>2013</b> , 8, e64029  | 3.7  | 48  |
| 2  | Optimizing RNA interference for application in mammalian cells. <i>Biochemical Journal</i> , <b>2004</b> , 380, 593-603   | 3.8  | 40  |
| 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> , <b>2003</b> , 73, 689-701                                   | 6.5  | 322 |