

# Martin Mistrik

## List of Publications by Citations

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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.

31  
papers

1,609  
citations

18  
h-index

37  
g-index

37  
ext. papers

2,092  
ext. citations

11.3  
avg, IF

4.29  
L-index

#	Paper	IF	Citations
31	REV7 counteracts DNA double-strand break resection and affects PARP inhibition. <i>Nature</i> , <b>2015</b> , 521, 541-544	50.4	376
30	Alcohol-abuse drug disulfiram targets cancer via p97 segregase adaptor NPL4. <i>Nature</i> , <b>2017</b> , 552, 194-199	50.4	320
29	ATR mediates a checkpoint at the nuclear envelope in response to mechanical stress. <i>Cell</i> , <b>2014</b> , 158, 633-46	56.2	125
28	Myc and Ras oncogenes engage different energy metabolism programs and evoke distinct patterns of oxidative and DNA replication stress. <i>Molecular Oncology</i> , <b>2015</b> , 9, 601-16	7.9	106
27	FBH1 Catalyzes Regression of Stalled Replication Forks. <i>Cell Reports</i> , <b>2015</b> , 10, 1749-1757	10.6	63
26	Impaired ribosome biogenesis: mechanisms and relevance to cancer and aging. <i>Aging</i> , <b>2019</b> , 11, 2512-2540	4.6	57
25	Superresolution live imaging of plant cells using structured illumination microscopy. <i>Nature Protocols</i> , <b>2015</b> , 10, 1248-63	18.8	53
24	X chromosome control of meiotic chromosome synapsis in mouse inter-subspecific hybrids. <i>PLoS Genetics</i> , <b>2014</b> , 10, e1004088	6	50
23	Senolytic Cocktail Dasatinib+Quercetin (D+Q) Does Not Enhance the Efficacy of Senescence-Inducing Chemotherapy in Liver Cancer. <i>Frontiers in Oncology</i> , <b>2018</b> , 8, 459	5.3	46
22	Common Chemical Inductors of Replication Stress: Focus on Cell-Based Studies. <i>Biomolecules</i> , <b>2017</b> , 7,	5.9	45
21	DNA damage signalling barrier, oxidative stress and treatment-relevant DNA repair factor alterations during progression of human prostate cancer. <i>Molecular Oncology</i> , <b>2016</b> , 10, 879-94	7.9	34
20	Disulfiram's anti-cancer activity reflects targeting NPL4, not inhibition of aldehyde dehydrogenase. <i>Oncogene</i> , <b>2019</b> , 38, 6711-6722	9.2	31
19	UBL5 is essential for pre-mRNA splicing and sister chromatid cohesion in human cells. <i>EMBO Reports</i> , <b>2014</b> , 15, 956-64	6.5	31
18	BRCA1 or CDK12 loss sensitizes cells to CHK1 inhibitors. <i>Tumor Biology</i> , <b>2017</b> , 39, 1010428317727479	2.9	23
17	Perturbation of RNA Polymerase I transcription machinery by ablation of HEATR1 triggers the RPL5/RPL11-MDM2-p53 ribosome biogenesis stress checkpoint pathway in human cells. <i>Cell Cycle</i> , <b>2018</b> , 17, 92-101	4.7	19
16	PML nuclear bodies are recruited to persistent DNA damage lesions in an RNF168-53BP1 dependent manner and contribute to DNA repair. <i>DNA Repair</i> , <b>2019</b> , 78, 114-127	4.3	18
15	A short acidic motif in ARF guards against mitochondrial dysfunction and melanoma susceptibility. <i>Nature Communications</i> , <b>2014</b> , 5, 5348	17.4	17

14	Targeting the NPL4 Adaptor of p97/VCP Segregase by Disulfiram as an Emerging Cancer Vulnerability Evokes Replication Stress and DNA Damage while Silencing the ATR Pathway. <i>Cells</i> , <b>2020</b> , 9,	7.9	14
13	Targeting genotoxic and proteotoxic stress-response pathways in human prostate cancer by clinically available PARP inhibitors, vorinostat and disulfiram. <i>Prostate</i> , <b>2019</b> , 79, 352-362	4.2	13
12	Synthesis and study of novel pH-independent fluorescent mitochondrial labels based on Rhodamine B. <i>RSC Advances</i> , <b>2016</b> , 6, 23242-23251	3.7	10
11	Cells and Stripes: A novel quantitative photo-manipulation technique. <i>Scientific Reports</i> , <b>2016</b> , 6, 19567	4.9	10
10	Nociceptin/orphanin FQ opioid receptor (NOP) selective ligand MCOPPB links anxiolytic and senolytic effects. <i>GeroScience</i> , <b>2021</b> , 1	8.9	3
9	Microthermal-induced subcellular-targeted protein damage in cells on plasmonic nanosilver-modified surfaces evokes a two-phase HSP-p97/VCP response. <i>Nature Communications</i> , <b>2021</b> , 12, 713	17.4	3
8	Dosage compensation of an aneuploid genome in mouse spermatogenic cells. <i>Biology of Reproduction</i> , <b>2014</b> , 90, 124	3.9	2
7	Role of DNA Repair Factor Xeroderma Pigmentosum Protein Group C in Response to Replication Stress As Revealed by DNA Fragile Site Affinity Chromatography and Quantitative Proteomics. <i>Journal of Proteome Research</i> , <b>2016</b> , 15, 4505-4517	5.6	1
6	Effect of Sepatronic Bromide (YM-155) on DNA Double-Strand Breaks Repair in Cancer Cells. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	1
5	Skp2 and Slug Are Coexpressed in Aggressive Prostate Cancer and Inhibited by Neddylation Blockade. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	1
4	A drug repurposing strategy for overcoming human multiple myeloma resistance to standard-of-care treatment.. <i>Cell Death and Disease</i> , <b>2022</b> , 13, 203	9.8	1
3	Histone Variant macroH2A1.1 Enhances Nonhomologous End Joining-dependent DNA Double-strand-break Repair and Reprogramming Efficiency of Human iPSCs.. <i>Stem Cells</i> , <b>2022</b> , 40, 35-48	5.8	0
2	DNA damage-related ubiquitinations: one E1 that rules them all. <i>Cell Cycle</i> , <b>2012</b> , 11, 1872	4.7	
1	BODIPY-aza-indole derivate complex as a selective fluorescent sensor for autolysosomes detection. <i>Sensors and Actuators B: Chemical</i> , <b>2021</b> , 130941	8.5	