

# Martin Mistrik

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3506688/publications.pdf>

Version: 2024-02-01

35  
papers

2,310  
citations

394421

19  
h-index

414414

32  
g-index

37  
all docs

37  
docs citations

37  
times ranked

4780  
citing authors

#	ARTICLE	IF	CITATIONS
1	Alcohol-abuse drug disulfiram targets cancer via p97 segregase adaptor NPL4. <i>Nature</i> , 2017, 552, 194-199.	27.8	516
2	REV7 counteracts DNA double-strand break resection and affects PARP inhibition. <i>Nature</i> , 2015, 521, 541-544.	27.8	487
3	ATR Mediates a Checkpoint at the Nuclear Envelope in Response to Mechanical Stress. <i>Cell</i> , 2014, 158, 633-646.	28.9	179
4	Myc and Ras oncogenes engage different energy metabolism programs and evoke distinct patterns of oxidative and DNA replication stress. <i>Molecular Oncology</i> , 2015, 9, 601-616.	4.6	136
5	Impaired ribosome biogenesis: mechanisms and relevance to cancer and aging. <i>Aging</i> , 2019, 11, 2512-2540.	3.1	129
6	FBH1 Catalyzes Regression of Stalled Replication Forks. <i>Cell Reports</i> , 2015, 10, 1749-1757.	6.4	90
7	X Chromosome Control of Meiotic Chromosome Synapsis in Mouse Inter-Subspecific Hybrids. <i>PLoS Genetics</i> , 2014, 10, e1004088.	3.5	76
8	Superresolution live imaging of plant cells using structured illumination microscopy. <i>Nature Protocols</i> , 2015, 10, 1248-1263.	12.0	76
9	Common Chemical Inductors of Replication Stress: Focus on Cell-Based Studies. <i>Biomolecules</i> , 2017, 7, 19.	4.0	72
10	Disulfiram's anti-cancer activity reflects targeting NPL4, not inhibition of aldehyde dehydrogenase. <i>Oncogene</i> , 2019, 38, 6711-6722.	5.9	72
11	Senolytic Cocktail Dasatinib+Quercetin (D+Q) Does Not Enhance the Efficacy of Senescence-Inducing Chemotherapy in Liver Cancer. <i>Frontiers in Oncology</i> , 2018, 8, 459.	2.8	71
12	Thresholds of replication stress signaling in cancer development and treatment. <i>Nature Structural and Molecular Biology</i> , 2012, 19, 5-7.	8.2	68
13	UBL5 is essential for pre-mRNA splicing and sister chromatid cohesion in human cells. <i>EMBO Reports</i> , 2014, 15, 956-964.	4.5	41
14	DNA damage signalling barrier, oxidative stress and treatment-relevant DNA repair factor alterations during progression of human prostate cancer. <i>Molecular Oncology</i> , 2016, 10, 879-894.	4.6	41
15	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> , 2020, 9, 469.	4.1	31
16	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> , 2018, 17, 92-101.	2.6	30
17	BRCA1 or CDK12 loss sensitizes cells to CHK1 inhibitors. <i>Tumor Biology</i> , 2017, 39, 101042831772747.	1.8	28
18	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> , 2019, 78, 114-127.	2.8	28

#	ARTICLE	IF	CITATIONS
19	Targeting genotoxic and proteotoxic stress response pathways in human prostate cancer by clinically available PARP inhibitors, vorinostat and disulfiram. <i>Prostate</i> , 2019, 79, 352-362.	2.3	23
20	A short acidic motif in ARF guards against mitochondrial dysfunction and melanoma susceptibility. <i>Nature Communications</i> , 2014, 5, 5348.	12.8	19
21	Cells and Stripes: A novel quantitative photo-manipulation technique. <i>Scientific Reports</i> , 2016, 6, 19567.	3.3	13
22	One-Step Synthesis of Nanoliposomal Copper Diethyldithiocarbamate and Its Assessment for Cancer Therapy. <i>Pharmaceutics</i> , 2022, 14, 640.	4.5	12
23	Nociceptin/orphanin FQ opioid receptor (NOP) selective ligand MCOPPB links anxiolytic and senolytic effects. <i>GeroScience</i> , 2022, 44, 463-483.	4.6	11
24	Synthesis and study of novel pH-independent fluorescent mitochondrial labels based on Rhodamine B. <i>RSC Advances</i> , 2016, 6, 23242-23251.	3.6	10
25	Skp2 and Slug Are Coexpressed in Aggressive Prostate Cancer and Inhibited by Neddylation Blockade. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2844.	4.1	9
26	Histone Variant macroH2A1.1 Enhances Nonhomologous End Joining-dependent DNA Double-strand-break Repair and Reprogramming Efficiency of Human iPSCs. <i>Stem Cells</i> , 2022, 40, 35-48.	3.2	9
27	Cannabidiol-induced activation of the metallothionein pathway impedes anticancer effects of disulfiram and its metabolite CuET. <i>Molecular Oncology</i> , 2022, 16, 1541-1554.	4.6	8
28	Effect of Sepatronium Bromide (YM-155) on DNA Double-Strand Breaks Repair in Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9431.	4.1	7
29	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> , 2021, 12, 713.	12.8	6
30	A drug repurposing strategy for overcoming human multiple myeloma resistance to standard-of-care treatment. <i>Cell Death and Disease</i> , 2022, 13, 203.	6.3	6
31	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> , 2016, 15, 4505-4517.	3.7	3
32	Dosage Compensation of an Aneuploid Genome in Mouse Spermatogenic Cells1. <i>Biology of Reproduction</i> , 2014, 90, 124.	2.7	2
33	DNA damage-related ubiquitinations. <i>Cell Cycle</i> , 2012, 11, 1872-1872.	2.6	0
34	Abstract 1251: Dithiocarb-copper complex, CuET, demonstrates anti-neoplastic activity in mouse model of prostate cancer and prevents recurrence of tumors. , 2021, , .		0
35	BODIPY-aza-indole derivate complex as a selective fluorescent sensor for autolysosomes detection. <i>Sensors and Actuators B: Chemical</i> , 2022, 351, 130941.	7.8	0