

# Zdeněk Hodná<sup>1/2</sup>

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

1,440  
citations

394286

19  
h-index

360920

35  
g-index

36  
all docs

36  
docs citations

36  
times ranked

2882  
citing authors

#	ARTICLE	IF	CITATIONS
1	IL1- and TGF $\beta$ <sup>2</sup> -Nox4 signaling, oxidative stress and DNA damage response are shared features of replicative, oncogene-induced, and drug-induced paracrine "Bystander senescence"™. <i>Aging</i> , 2012, 4, 932-951.	1.4	231
2	Regulation of the PML tumor suppressor in drug-induced senescence of human normal and cancer cells by JAK/STAT-mediated signaling. <i>Cell Cycle</i> , 2010, 9, 3157-3171.	1.3	148
3	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.	2.1	136
4	Gender differences in behavioural changes induced by latent toxoplasmosis. <i>International Journal for Parasitology</i> , 2006, 36, 1485-1492.	1.3	110
5	Fatal Attraction Phenomenon in Humans " Cat Odour Attractiveness Increased for Toxoplasma-Infected Men While Decreased for Infected Women. <i>PLoS Neglected Tropical Diseases</i> , 2011, 5, e1389.	1.3	87
6	Bacterial intoxication evokes cellular senescence with persistent DNA damage and cytokine signalling. <i>Journal of Cellular and Molecular Medicine</i> , 2010, 14, 357-367.	1.6	83
7	Ubiquitin-activating enzyme UBA1 is required for cellular response to DNA damage. <i>Cell Cycle</i> , 2012, 11, 1573-1582.	1.3	81
8	Cytokine loops driving senescence. <i>Nature Cell Biology</i> , 2008, 10, 887-889.	4.6	53
9	Downregulation of Wip1 phosphatase modulates the cellular threshold of DNA damage signaling in mitosis. <i>Cell Cycle</i> , 2013, 12, 251-262.	1.3	47
10	TGF- $\beta$ <sup>2</sup> /NF1/Smad4-mediated suppression of ANT2 contributes to oxidative stress in cellular senescence. <i>Cellular Signalling</i> , 2014, 26, 2903-2911.	1.7	42
11	Histone deacetylase inhibitors suppress IFN $\gamma$ -induced up-regulation of promyelocytic leukemia protein. <i>Blood</i> , 2007, 109, 1373-1380.	0.6	40
12	Interleukin 6 Signaling Regulates Promyelocytic Leukemia Protein Gene Expression in Human Normal and Cancer Cells. <i>Journal of Biological Chemistry</i> , 2012, 287, 26702-26714.	1.6	34
13	PML protein association with specific nucleolar structures differs in normal, tumor and senescent human cells. <i>Journal of Structural Biology</i> , 2007, 159, 56-70.	1.3	29
14	SUMO Boosts the DNA Damage Response Barrier against Cancer. <i>Cancer Cell</i> , 2010, 17, 9-11.	7.7	29
15	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.	1.3	28
16	Cat scratches, not bites, are associated with unipolar depression - cross-sectional study. <i>Parasites and Vectors</i> , 2016, 9, 8.	1.0	27
17	Two-Step Mechanism of Cellular Uptake of Cationic Gold Nanoparticles Modified by (16-Mercaptohexadecyl)trimethylammonium Bromide. <i>Bioconjugate Chemistry</i> , 2016, 27, 2558-2574.	1.8	25
18	Biological safety and tissue distribution of (16-mercaptohexadecyl)trimethylammonium bromide-modified cationic gold nanorods. <i>Biomaterials</i> , 2018, 154, 275-290.	5.7	22

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19	Quantification of cellular protein and redox imbalance using SILAC-iodoTMT methodology. <i>Redox Biology</i> , 2019, 24, 101227.	3.9	22
20	Suprabasinâ€™A Review. <i>Genes</i> , 2021, 12, 108.	1.0	19
21	Tumor growth accelerated by chemotherapy-induced senescent cells is suppressed by treatment with IL-12 producing cellular vaccines. <i>Oncotarget</i> , 2016, 7, 54952-54964.	0.8	19
22	Dynamic alterations of bone marrow cytokine landscape of myelodysplastic syndromes patients treated with 5-azacytidine. <i>Oncolmmunology</i> , 2016, 5, e1183860.	2.1	17
23	Interferon gamma/NADPH oxidase defense system in immunity and cancer. <i>Oncolmmunology</i> , 2016, 5, e1080416.	2.1	16
24	Complementary genetic screens identify the E3 ubiquitin ligase CBLC, as a modifier of PARP inhibitor sensitivity. <i>Oncotarget</i> , 2015, 6, 10746-10758.	0.8	16
25	Cytokines shape chemotherapy-induced and â€™bystander' senescence. <i>Aging</i> , 2010, 2, 375-376.	1.4	14
26	Peroxiredoxin 6 protects irradiated cells from oxidative stress and shapes their senescence-associated cytokine landscape. <i>Redox Biology</i> , 2022, 49, 102212.	3.9	12
27	Distinct phenotypes and â€™bystanderâ€™™ effects of senescent tumour cells induced by docetaxel or immunomodulatory cytokines. <i>International Journal of Oncology</i> , 2018, 53, 1997-2009.	1.4	11
28	Dynamic PML protein nucleolar associations with persistent DNA damage lesions in response to nucleolar stress and senescence-inducing stimuli. <i>Aging</i> , 2019, 11, 7206-7235.	1.4	11
29	Interferonâ€™regulated suprabasin is essential for stressâ€™induced stemâ€™like cell conversion and therapy resistance of human malignancies. <i>Molecular Oncology</i> , 2019, 13, 1467-1489.	2.1	9
30	Aberrantly elevated suprabasin in the bone marrow as a candidate biomarker of advanced disease state in myelodysplastic syndromes. <i>Molecular Oncology</i> , 2020, 14, 2403-2419.	2.1	7
31	Highly hydrophilic cationic gold nanorods stabilized by novel quaternary ammonium surfactant with negligible cytotoxicity. <i>Journal of Biophotonics</i> , 2019, 12, e201900024.	1.1	5
32	Cytokine-induced â€™bystanderâ€™™ senescence in DDR and immuno-surveillance. <i>Oncotarget</i> , 2013, 4, 1552-1553.	0.8	4
33	<i><sc>NQO</sc>1*2</i> polymorphism predicts overall survival in <sc>MDS</sc> patients. <i>British Journal of Haematology</i> , 2019, 184, 305-308.	1.2	2
34	Design, synthesis, and <i>inÂvitro</i> evaluation of BP-1-102 analogs with modified hydrophobic fragments for STAT3 inhibition. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021, 36, 410-424.	2.5	2
35	Phospho-SIM and exon8b of PML protein regulate formation of doxorubicin-induced rDNA-PML compartment. <i>DNA Repair</i> , 2022, 114, 103319.	1.3	2
36	The Effect of Chemical Structure of OEG Ligand Shells with Quaternary Ammonium Moiety on the Colloidal Stabilization, Cellular Uptake and Photothermal Stability of Gold Nanorods. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 3407-3427.	3.3	0