Dorota Rybaczek

List of Publications by Year in descending order

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23 papers	388 citations	759233 12 h-index	794594 19 g-index
23 all docs	23 docs citations	23 times ranked	489 citing authors

#	Article	IF	Citations
1	The impact of copper ions on growth, lipid peroxidation, and phenolic compound accumulation and localization in lentil (Lens culinaris Medic.) seedlings. Journal of Plant Physiology, 2010, 167, 270-276.	3.5	62
2	Hydroxyureaâ€"The Good, the Bad and the Ugly. Genes, 2021, 12, 1096.	2.4	49
3	H2AX foci in late S/G2- and M-phase cells after hydroxyurea- and aphidicolin-induced DNA replication stress in Vicia. Histochemistry and Cell Biology, 2007, 128, 227-241.	1.7	30
4	Induction of apoptosis and modulation of production of reactive oxygen species in human endothelial cells by diphenyleneiodonium. Biochemical Pharmacology, 2005, 69, 1263-1273.	4.4	29
5	Pharmacological and transcriptional inhibition of the G9a histone methyltransferase suppresses proliferation and modulates redox homeostasis in human microvascular endothelial cells. Pharmacological Research, 2018, 128, 252-263.	7.1	27
6	Phosphorylation of H2AX histones in response to double-strand breaks and induction of premature chromatin condensation in hydroxyurea-treated root meristem cells of Raphanus sativus, Vicia faba, and Allium porrum. Protoplasma, 2007, 230, 31-39.	2.1	24
7	Premature chromosome condensation induced by caffeine, 2-aminopurine, staurosporine and sodium metavanadate in S-phase arrested HeLa cells is associated with a decrease in Chk1 phosphorylation, formation of phospho-H2AX and minor cytoskeletal rearrangements. Histochemistry and Cell Biology, 2011, 135, 263-280.	1.7	23
8	Behavior of replication origins in Eukaryota â€“ spatio-temporal dynamics of licensing and firing. Cell Cycle, 2015, 14, 2251-2264.	2.6	22
9	Caffeine-Induced Premature Chromosome Condensation Results in the Apoptosis-Like Programmed Cell Death in Root Meristems of Vicia faba. PLoS ONE, 2015, 10, e0142307.	2.5	19
10	Pharmacological inhibition of arginine and lysine methyltransferases induces nuclear abnormalities and suppresses angiogenesis in human endothelial cells. Biochemical Pharmacology, 2016, 121, 18-32.	4.4	17
11	Silencing Lysine-Specific Histone Demethylase 1 (LSD1) Causes Increased HP1-Positive Chromatin, Stimulation of DNA Repair Processes, and Dysregulation of Proliferation by Chk1 Phosphorylation in Human Endothelial Cells. Cells, 2019, 8, 1212.	4.1	16
12	Induction of foci of phosphorylated H2AX histones and premature chromosome condensation after DNA damage in Vicia faba root meristem. Biologia Plantarum, 2007, 51, 443-450.	1.9	14
13	Replication and re-replication: Different implications of the same mechanism. Biochimie, 2015, 108, 25-32.	2.6	11
14	Various chemical agents can induce premature chromosome condensation in Vicia faba. Acta Physiologiae Plantarum, 2008, 30, 663-672.	2.1	9
15	Ultrastructural changes associated with the induction of premature chromosome condensation in Vicia faba root meristem cells. Plant Cell Reports, 2014, 33, 1547-1564.	5.6	8
16	Induction of premature mitosis in root meristem cells of Vicia faba and Pisum sativum by various agents is correlated with an increased level of protein phosphorylation. Folia Histochemica Et Cytobiologica, 2002, 40, 51-9.	1.5	7
17	The Influence of PARP, ATR, CHK1 Inhibitors on Premature Mitotic Entry and Genomic Instability in High-Grade Serous BRCAMUT and BRCAWT Ovarian Cancer Cells. Cells, 2022, 11, 1889.	4.1	5
18	Kinetics of DNA Repair in Vicia faba Meristem Regeneration Following Replication Stress. Cells, 2021, 10, 88.	4.1	4

#	Article	IF	Citations
19	Relation of the Types of DNA Damage to Replication Stress and the Induction of Premature Chromosome Condensation. , 2013, , .		3
20	Hydroxyurea and Caffeine Impact pRb-like Protein-Dependent Chromatin Architecture Profiles in Interphase Cells of Vicia faba. International Journal of Molecular Sciences, 2021, 22, 4572.	4.1	3
21	The Role of Lysine-Specific Demethylase 1 (LSD1) in Shaping the Endothelial Inflammatory Response. Cellular Physiology and Biochemistry, 2021, 55, 569-589.	1.6	3
22	Hydroxyurea-induced replication stress causes poly(ADP-ribose) polymerase-2 accumulation and changes its intranuclear location in root meristems of Vicia faba. Journal of Plant Physiology, 2016, 198, 89-102.	3.5	2
23	Eidetic Analysis of the Premature Chromosome Condensation Process. , 0, , .		1