

Dorota Rybaczek

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	The Influence of PARP, ATR, CHK1 Inhibitors on Premature Mitotic Entry and Genomic Instability in High-Grade Serous BRCAMUT and BRCAWT Ovarian Cancer Cells. <i>Cells</i> , 2022, 11, 1889.	4.1	5
2	Kinetics of DNA Repair in <i>Vicia faba</i> Meristem Regeneration Following Replication Stress. <i>Cells</i> , 2021, 10, 88.	4.1	4
3	Hydroxyurea and Caffeine Impact pRb-like Protein-Dependent Chromatin Architecture Profiles in Interphase Cells of <i>Vicia faba</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 4572.	4.1	3
4	Hydroxyurea – The Good, the Bad and the Ugly. <i>Genes</i> , 2021, 12, 1096.	2.4	49
5	The Role of Lysine-Specific Demethylase 1 (LSD1) in Shaping the Endothelial Inflammatory Response. <i>Cellular Physiology and Biochemistry</i> , 2021, 55, 569-589.	1.6	3
6	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. <i>Cells</i> , 2019, 8, 1212.	4.1	16
7	Pharmacological and transcriptional inhibition of the G9a histone methyltransferase suppresses proliferation and modulates redox homeostasis in human microvascular endothelial cells. <i>Pharmacological Research</i> , 2018, 128, 252-263.	7.1	27
8	Pharmacological inhibition of arginine and lysine methyltransferases induces nuclear abnormalities and suppresses angiogenesis in human endothelial cells. <i>Biochemical Pharmacology</i> , 2016, 121, 18-32.	4.4	17
9	Hydroxyurea-induced replication stress causes poly(ADP-ribose) polymerase-2 accumulation and changes its intranuclear location in root meristems of <i>Vicia faba</i> . <i>Journal of Plant Physiology</i> , 2016, 198, 89-102.	3.5	2
10	Caffeine-Induced Premature Chromosome Condensation Results in the Apoptosis-Like Programmed Cell Death in Root Meristems of <i>Vicia faba</i> . <i>PLoS ONE</i> , 2015, 10, e0142307.	2.5	19
11	Behavior of replication origins in Eukaryota – spatio-temporal dynamics of licensing and firing. <i>Cell Cycle</i> , 2015, 14, 2251-2264.	2.6	22
12	Replication and re-replication: Different implications of the same mechanism. <i>Biochimie</i> , 2015, 108, 25-32.	2.6	11
13	Ultrastructural changes associated with the induction of premature chromosome condensation in <i>Vicia faba</i> root meristem cells. <i>Plant Cell Reports</i> , 2014, 33, 1547-1564.	5.6	8
14	Relation of the Types of DNA Damage to Replication Stress and the Induction of Premature Chromosome Condensation. , 2013, , .		3
15	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. <i>Histochemistry and Cell Biology</i> , 2011, 135, 263-280.	1.7	23
16	The impact of copper ions on growth, lipid peroxidation, and phenolic compound accumulation and localization in lentil (<i>Lens culinaris</i> Medic.) seedlings. <i>Journal of Plant Physiology</i> , 2010, 167, 270-276.	3.5	62
17	Various chemical agents can induce premature chromosome condensation in <i>Vicia faba</i> . <i>Acta Physiologiae Plantarum</i> , 2008, 30, 663-672.	2.1	9
18	Induction of foci of phosphorylated H2AX histones and premature chromosome condensation after DNA damage in <i>Vicia faba</i> root meristem. <i>Biologia Plantarum</i> , 2007, 51, 443-450.	1.9	14

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19	Phosphorylation of H2AX histones in response to double-strand breaks and induction of premature chromatin condensation in hydroxyurea-treated root meristem cells of <i>Raphanus sativus</i> , <i>Vicia faba</i> , and <i>Allium porrum</i> . <i>Protoplasma</i> , 2007, 230, 31-39.	2.1	24
20	H2AX foci in late S/G2- and M-phase cells after hydroxyurea- and aphidicolin-induced DNA replication stress in <i>Vicia</i> . <i>Histochemistry and Cell Biology</i> , 2007, 128, 227-241.	1.7	30
21	Induction of apoptosis and modulation of production of reactive oxygen species in human endothelial cells by diphenyleiodonium. <i>Biochemical Pharmacology</i> , 2005, 69, 1263-1273.	4.4	29
22	Induction of premature mitosis in root meristem cells of <i>Vicia faba</i> and <i>Pisum sativum</i> by various agents is correlated with an increased level of protein phosphorylation. <i>Folia Histochemica Et Cytobiologica</i> , 2002, 40, 51-9.	1.5	7
23	Eidetic Analysis of the Premature Chromosome Condensation Process. , 0, , .		1