

Janusz Maszewski

List of Publications by Year in descending order

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40
papers

400
citations

840585

11
h-index

839398

18
g-index

40
all docs

40
docs citations

40
times ranked

393
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasmodesmata between synchronously and asynchronously developing cells of the antheridial filaments of <i>Chara vulgaris</i> L.. <i>Protoplasma</i> , 1976, 87, 317-327.	1.0	31
2	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.	0.8	30
3	Effect of BAP and IAA on the expression of G1 and G2 control points and G1-S and G2-M transitions in root meristem cells of <i>Vicia faba</i> . <i>Cell Biology International</i> , 2003, 27, 559-566.	1.4	29
4	Induction of apoptosis and modulation of production of reactive oxygen species in human endothelial cells by diphenyleneiodonium. <i>Biochemical Pharmacology</i> , 2005, 69, 1263-1273.	2.0	29
5	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.	1.0	24
6	Cadmium (II)-Induced Oxidative Stress Results in Replication Stress and Epigenetic Modifications in Root Meristem Cell Nuclei of <i>Vicia faba</i> . <i>Cells</i> , 2021, 10, 640.	1.8	23
7	Cell cycle duration in antheridial filaments of <i>Chara</i> spp. (Characeae) with different genome size and heterochromatin content. <i>Plant Systematics and Evolution</i> , 1991, 175, 23-38.	0.3	22
8	PIN2-like proteins may contribute to the regulation of morphogenetic processes during spermatogenesis in <i>Chara vulgaris</i> . <i>Plant Cell Reports</i> , 2016, 35, 1655-1669.	2.8	19
9	TRANSPORT OF GLUTATHIONE S-CONJUGATES IN THE YEAST <i>SACCHAROMYCES CEREVISIAE</i> . <i>Cell Biology International</i> , 1996, 20, 325-330.	1.4	18
10	DNA replication stress induces deregulation of the cell cycle events in root meristems of <i>Allium cepa</i> . <i>Annals of Botany</i> , 2012, 110, 1581-1591.	1.4	18
11	Inter- and intrachromosomal asynchrony of cell division cycle events in root meristem cells of <i>Allium cepa</i> : possible connection with gradient of cyclin B-like proteins. <i>Plant Cell Reports</i> , 2010, 29, 845-856.	2.8	12
12	Sanguinarine-induced oxidative stress and apoptosis-like programmed cell death (AL-PCD) in root meristem cells of <i>Allium cepa</i> . <i>Plant Physiology and Biochemistry</i> , 2017, 112, 193-206.	2.8	12
13	Dissimilar effects of \hat{I}^2 -lapachone- and hydroxyurea-induced DNA replication stress in root meristem cells of <i>Allium cepa</i> . <i>Plant Physiology and Biochemistry</i> , 2013, 73, 282-293.	2.8	10
14	Various chemical agents can induce premature chromosome condensation in <i>Vicia faba</i> . <i>Acta Physiologiae Plantarum</i> , 2008, 30, 663-672.	1.0	9
15	<sc>DNA</sc> topoisomerase <sc>II</sc>â€dependent control of the cell cycle progression in root meristems of <i>Allium cepa</i>. <i>Cell Biology International</i> , 2014, 38, 355-367.	1.4	9
16	The induction of apoptosis by daunorubicin and idarubicin in human trisomic and diabetic fibroblasts. <i>Cellular and Molecular Biology Letters</i> , 2008, 13, 182-94.	2.7	8
17	The effects of anti-DNA topoisomerase II drugs, etoposide and ellipticine, are modified in root meristem cells of <i>Allium cepa</i> by MG132, an inhibitor of 26S proteasomes. <i>Plant Physiology and Biochemistry</i> , 2015, 96, 72-82.	2.8	7
18	Early Activation of Apoptosis and Caspase-independent Cell Death Plays an Important Role in Mediating the Cytotoxic and Genotoxic Effects of WP 631 in Ovarian Cancer Cells. <i>Asian Pacific Journal of Cancer Prevention</i> , 2016, 16, 8503-8512.	0.5	7

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19	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.	0.6	7
20	Effect of OA-inhibitor of protein phosphatases PP1 and PP2A " on initiation of DNA replication and mitosis in <i>Vicia faba</i> root meristems. <i>Acta Physiologiae Plantarum</i> , 2005, 27, 303-311.	1.0	6
21	Increased transcription in hydroxyurea-treated root meristem cells of <i>Vicia faba</i> . <i>Protoplasma</i> , 2013, 250, 251-259.	1.0	6
22	The biphasic interphase-mitotic polarity of cell nuclei induced under DNA replication stress seems to be correlated with Pin2 localization in root meristems of <i>Allium cepa</i> . <i>Journal of Plant Physiology</i> , 2015, 174, 62-70.	1.6	6
23	Irrigation affects characteristics of narrow-leaved lupin (<i>Lupinus angustifolius</i> L.) seeds. <i>Planta</i> , 2019, 249, 1731-1746.	1.6	6
24	Anti-algal activity of the 12-5-12 gemini surfactant results from its impact on the photosynthetic apparatus. <i>Scientific Reports</i> , 2021, 11, 2360.	1.6	6
25	Vacuolar accumulation and extracellular extrusion of electrophilic compounds by wild-type and glutathione-deficient mutants of the methylotrophic yeast <i>Hansenula polymorpha</i> . <i>Cell Biology International</i> , 2003, 27, 785-789.	1.4	5
26	Immunolocalization of dually phosphorylated MAPKs in dividing root meristem cells of <i>Vicia faba</i> , <i>Pisum sativum</i> , <i>Lupinus luteus</i> and <i>Lycopersicon esculentum</i> . <i>Plant Cell Reports</i> , 2015, 34, 905-917.	2.8	5
27	Inhibition of GA3-induced antheridiogenesis in <i>Anemia phyllitidis</i> by peptidic extracts from male sex organs of <i>Chara</i> . <i>Acta Physiologiae Plantarum</i> , 1997, 19, 269-276.	1.0	4
28	SB202190 affects cell response to hydroxyurea-induced genotoxic stress in root meristems of <i>Vicia faba</i> . <i>Plant Physiology and Biochemistry</i> , 2012, 60, 129-136.	2.8	4
29	Irrigation-Induced Changes in Chemical Composition and Quality of Seeds of Yellow Lupine (<i>Lupinus</i>) Tj ETQq1 1 0.784314 rgBT /Overlo	1.8	4
30	Changes in GSH-antioxidant system induced by daunorubicin in human normal and diabetic fibroblasts.. <i>Acta Biochimica Polonica</i> , 2003, 50, 825-835.	0.3	4
31	Size-variation in the antheridia and oogonia of <i>Chara vulgaris</i> under different experimental conditions. <i>Acta Societatis Botanicorum Poloniae</i> , 2014, 66, 29-32.	0.8	4
32	A simple method for identification of S phase nuclei in <i>Vicia faba</i> root meristems using BrdUrd labeling and indirect immunofluorescence (comparison with 3H-thymidine incorporation). <i>Acta Physiologiae Plantarum</i> , 2001, 23, 95-101.	1.0	3
33	5-Aminouracil and other inhibitors of DNA replication induce biphasic interphase"mitotic cells in apical root meristems of <i>Allium cepa</i> . <i>Plant Cell Reports</i> , 2020, 39, 1013-1028.	2.8	3
34	ANTHERIDIAL CHROMATIN CONDENSATION FACTOR FROM MALE SEX ORGANS OF <i>CHARA TOMENTOSA</i> . <i>Cell Biology International</i> , 1998, 22, 227-236.	1.4	2
35	Localization sites of nuclear envelope SUN2-like proteins in root meristem cells of <i>Allium cepa</i> under hydroxyurea-induced DNA replication stress. <i>Acta Physiologiae Plantarum</i> , 2015, 37, 1.	1.0	2
36	Do Plasmodesmata Play a Prominent Role in Regulation of Auxin-Dependent Genes at Early Stages of Embryogenesis?. <i>Cells</i> , 2021, 10, 733.	1.8	2

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37	Staurosporine and vanadate can induce additional endo-S phases during cell differentiation in primary roots of <i>Pisum sativum</i> . <i>Plant Science</i> , 2002, 163, 889-895.	1.7	1
38	Mitogen-activated protein kinases participate in determination of apical-basal symmetry in <i>Pisum sativum</i> . <i>Plant Science</i> , 2017, 256, 186-195.	1.7	1
39	Mitogen-activated protein kinases concentrate in the vicinity of chromosomes and may regulate directly cellular patterning in <i>Vicia faba</i> embryos. <i>Planta</i> , 2018, 248, 307-322.	1.6	1
40	Endoreplication and its consequences in the suspensor of <i>Pisum sativum</i> . <i>Plant Cell Reports</i> , 2018, 37, 1639-1651.	2.8	1