Janusz Maszewski

List of Publications by Year
in descending order

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	Anti-algal activity of the 12-5-12 gemini surfactant results from its impact on the photosynthetic apparatus. Scientific Reports, 2021, 11, 2360.	1.6	6
2	Do Plasmodesmata Play a Prominent Role in Regulation of Auxin-Dependent Genes at Early Stages of Embryogenesis?. Cells, 2021, 10, 733.	1.8	2
3	Cadmium (II)-Induced Oxidative Stress Results in Replication Stress and Epigenetic Modifications in Root Meristem Cell Nuclei of Vicia faba. Cells, 2021, 10, 640.	1.8	23
4	5-Aminouracil and other inhibitors of DNA replication induce biphasic interphaseâ€“mitotic cells in apical root meristems of Allium cepa. Plant Cell Reports, 2020, 39, 1013-1028.	2.8	3
5	Irrigation-Induced Changes in Chemical Composition and Quality of Seeds of Yellow Lupine (Lupinus) Tj ETQq1 1 0.784314 rgBT /Ove	1.8	4
6	Irrigation affects characteristics of narrow-leaved lupin (Lupinus angustifolius L.) seeds. Planta, 2019, 249, 1731-1746.	1.6	6
7	Mitogen-activated protein kinases concentrate in the vicinity of chromosomes and may regulate directly cellular patterning in Vicia faba embryos. Planta, 2018, 248, 307-322.	1.6	1
8	Endoreplication and its consequences in the suspensor of Pisum sativum. Plant Cell Reports, 2018, 37, 1639-1651.	2.8	1
9	Sanguinarine-induced oxidative stress and apoptosis-like programmed cell death(AL-PCD) in root meristem cells of Allium cepa. Plant Physiology and Biochemistry, 2017, 112, 193-206.	2.8	12
10	Mitogen-activated protein kinases participate in determination of apical-basal symmetry in Pisum sativum. Plant Science, 2017, 256, 186-195.	1.7	1
11	PIN2-like proteins may contribute to the regulation of morphogenetic processes during spermatogenesis in Chara vulgaris. Plant Cell Reports, 2016, 35, 1655-1669.	2.8	19
12	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. Asian Pacific Journal of Cancer Prevention, 2016, 16, 8503-8512.	0.5	7
13	Localization sites of nuclear envelope SUN2-like proteins in root meristem cells of Allium cepa under hydroxyurea-induced DNA replication stress. Acta Physiologiae Plantarum, 2015, 37, 1.	1.0	2
14	The effects of anti-DNA topoisomerase II drugs, etoposide and ellipticine, are modified in root meristem cells of Allium cepa by MG132, an inhibitor of 26S proteasomes. Plant Physiology and Biochemistry, 2015, 96, 72-82.	2.8	7
15	Immunolocalization of dually phosphorylated MAPKs in dividing root meristem cells of Vicia faba, Pisum sativum, Lupinus luteus and Lycopersicon esculentum. Plant Cell Reports, 2015, 34, 905-917.	2.8	5
16	The biphasic interphase-mitotic polarity of cell nuclei induced under DNA replication stress seems to be correlated with Pin2 localization in root meristems of Allium cepa. Journal of Plant Physiology, 2015, 174, 62-70.	1.6	6
17	<scp>DNA</scp> topoisomerase <scp>II</scp>â€dependent control of the cell cycle progression in root meristems of Allium cepa. Cell Biology International, 2014, 38, 355-367.	1.4	9
18	Size-variation in the antheridia and oogonia of Chara vulgaris under different experimental conditions. Acta Societatis Botanicorum Poloniae, 2014, 66, 29-32.	0.8	4

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19	Increased transcription in hydroxyurea-treated root meristem cells of Vicia faba. Protoplasma, 2013, 250, 251-259.	1.0	6
20	Dissimilar effects of Î²-lapachone- and hydroxyurea-induced DNA replication stress in root meristem cells of Allium cepa. Plant Physiology and Biochemistry, 2013, 73, 282-293.	2.8	10
21	DNA replication stress induces deregulation of the cell cycle events in root meristems of Allium cepa. Annals of Botany, 2012, 110, 1581-1591.	1.4	18
22	SB202190 affects cell response to hydroxyurea-induced genotoxic stress in root meristems of Vicia faba. Plant Physiology and Biochemistry, 2012, 60, 129-136.	2.8	4
23	Inter- and intrachromosomal asynchrony of cell division cycle events in root meristem cells of Allium cepa: possible connection with gradient of cyclin B-like proteins. Plant Cell Reports, 2010, 29, 845-856.	2.8	12
24	Various chemical agents can induce premature chromosome condensation in Vicia faba. Acta Physiologiae Plantarum, 2008, 30, 663-672.	1.0	9
25	The induction of apoptosis by daunorubicin and idarubicin in human trisomic and diabetic fibroblasts. Cellular and Molecular Biology Letters, 2008, 13, 182-94.	2.7	8
26	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.	1.0	24
27	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.	0.8	30
28	Induction of apoptosis and modulation of production of reactive oxygen species in human endothelial cells by diphenyleneiodonium. Biochemical Pharmacology, 2005, 69, 1263-1273.	2.0	29
29	Effect of OA-inhibitor of protein phosphatases PP1 and PP2A â€" on initiation of DNA replication and mitosis in Vicia faba root meristems. Acta Physiologiae Plantarum, 2005, 27, 303-311.	1.0	6
30	Vacuolar accumulation and extracellular extrusion of electrophilic compounds by wild-type and glutathione-deficient mutants of the methylotrophic yeast Hansenula polymorpha. Cell Biology International, 2003, 27, 785-789.	1.4	5
31	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 Vicia faba. Cell Biology International, 2003, 27, 559-566.	1.4	29
32	Changes in GSH-antioxidant system induced by daunorubicin in human normal and diabetic fibroblasts.. Acta Biochimica Polonica, 2003, 50, 825-835.	0.3	4
33	Staurosporine and vanadate can induce additional endo-S phases during cell differentiation in primary roots of Pisum sativum. Plant Science, 2002, 163, 889-895.	1.7	1
34	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.	0.6	7
35	A simple method for identification of S phase nuclei in Vicia faba root meristems using BrdUrd labeling and indirect immunofluorescence (comparison with 3H-thymidine incorporation). Acta Physiologiae Plantarum, 2001, 23, 95-101.	1.0	3
36	ANTHERIDIAL CHROMATIN CONDENSATION FACTOR FROM MALE SEX ORGANS OFCHARA TOMENTOSA. Cell Biology International, 1998, 22, 227-236.	1.4	2

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37	Inhibition of GA3-induced antheridiogenesis in Anemia phyllitidis by peptidic extracts from male sex organs of Chara. Acta Physiologiae Plantarum, 1997, 19, 269-276.	1.0	4
38	TRANSPORT OF GLUTATHIONE S-CONJUGATES IN THE YEASTSSACCHAROMYCES CEREVISIAE. Cell Biology International, 1996, 20, 325-330.	1.4	18
39	Cell cycle duration in antheridial filaments ofChara spp. (Characeae) with different genome size and heterochromatin content. Plant Systematics and Evolution, 1991, 175, 23-38.	0.3	22
40	Plasmodesmata between synchronously and asynchronously developing cells of the antheridial filaments ofChara vulgaris L.. Protoplasma, 1976, 87, 317-327.	1.0	31