

# Patrick Gallois

## List of Publications by Year in descending order

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45  
papers

3,457  
citations

172457

29  
h-index

265206

42  
g-index

47  
all docs

47  
docs citations

47  
times ranked

6401  
citing authors

#	ARTICLE	IF	CITATIONS
1	Morphological classification of plant cell deaths. <i>Cell Death and Differentiation</i> , 2011, 18, 1241-1246.	11.2	481
2	Metacaspases. <i>Cell Death and Differentiation</i> , 2011, 18, 1279-1288.	11.2	292
3	Metacaspase-8 Modulates Programmed Cell Death Induced by Ultraviolet Light and H <sub>2</sub> O <sub>2</sub> in Arabidopsis. <i>Journal of Biological Chemistry</i> , 2008, 283, 774-783.	3.4	213
4	Ultraviolet-C Overexposure Induces Programmed Cell Death in Arabidopsis, Which Is Mediated by Caspase-like Activities and Which Can Be Suppressed by Caspase Inhibitors, p35 and Defender against Apoptotic Death. <i>Journal of Biological Chemistry</i> , 2004, 279, 779-787.	3.4	212
5	Plant programmed cell death: A common way to die. <i>Plant Physiology and Biochemistry</i> , 2000, 38, 647-655.	5.8	207
6	What happened to plant caspases?. <i>Journal of Experimental Botany</i> , 2008, 59, 491-499.	4.8	184
7	Less is better: new approaches for seedless fruit production. <i>Trends in Biotechnology</i> , 2000, 18, 233-242.	9.3	169
8	UV-C radiation induces apoptotic-like changes in Arabidopsis thaliana. <i>FEBS Letters</i> , 1998, 437, 131-136.	2.8	143
9	Leaf Disk Transformation Using Agrobacterium tumefaciens-Expression of Heterologous Genes in Tobacco. , 1995, 49, 39-48.		133
10	An Arabidopsis thaliana cDNA complementing a hamster apoptosis suppressor mutant. <i>Plant Journal</i> , 1997, 11, 1325-1331.	5.7	112
11	The Arabidopsis peptide kiss of death is an inducer of programmed cell death. <i>EMBO Journal</i> , 2011, 30, 1173-1183.	7.8	87
12	Transformation of Sugarbeet (Beta vulgaris) by Agrobacterium tumefaciens. <i>Journal of Experimental Botany</i> , 1990, 41, 529-536.	4.8	86
13	Inhibition of cathepsin B by caspase-3 inhibitors blocks programmed cell death in Arabidopsis. <i>Cell Death and Differentiation</i> , 2016, 23, 1493-1501.	11.2	80
14	The 5' flanking region of a barley B hordein gene controls tissue and developmental specific CAT expression in tobacco plants. <i>Plant Molecular Biology</i> , 1988, 10, 359-366.	3.9	74
15	Classification and Nomenclature of Metacaspases and Paracaspases: No More Confusion with Caspases. <i>Molecular Cell</i> , 2020, 77, 927-929.	9.7	71
16	The distribution of T-DNA in the genomes of transgenic Arabidopsis and rice. <i>FEBS Letters</i> , 2000, 471, 161-164.	2.8	70
17	Patterns of cell death in freshwater colonial cyanobacteria during the late summer bloom. <i>Phycologia</i> , 2007, 46, 284-292.	1.4	62
18	Two proteases with caspase-like activity, cathepsin B and proteasome, antagonistically control stress-induced programmed cell death in Arabidopsis. <i>New Phytologist</i> , 2018, 218, 1143-1155.	7.3	62

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19	Paternally inherited transgenes are down-regulated but retain low activity during early embryogenesis in Arabidopsis. FEBS Letters, 2001, 509, 11-16.	2.8	59
20	Increases in activity of proteasome and papain-like cysteine protease in Arabidopsis autophagy mutants: back-up compensatory effect or cell-death promoting effect?. Journal of Experimental Botany, 2018, 69, 1369-1385.	4.8	55
21	Death by proteases in plants: whodunit. Physiologia Plantarum, 2005, 123, 376-385.	5.2	53
22	Endoplasmic reticulum stress-induced PCD and caspase-like activities involved. Frontiers in Plant Science, 2014, 5, 41.	3.6	47
23	Ozone-induced oxidative stress response in Arabidopsis: transcription profiling by microarray approach. Cellular and Molecular Biology Letters, 2004, 9, 829-42.	7.0	44
24	Mutations in Arabidopsis thaliana genes involved in the tryptophan biosynthesis pathway affect root waving on tilted agar surfaces. Plant Journal, 1998, 16, 145-154.	5.7	41
25	pH-sensitivity of YFP provides an intracellular indicator of programmed cell death. Plant Methods, 2010, 6, 27.	4.3	39
26	An in vivo root hair assay for determining rates of apoptotic-like programmed cell death in plants. Plant Methods, 2011, 7, 45.	4.3	39
27	Accumulation and nuclear targeting of BnC24, a Brassica napus ribosomal protein corresponding to a mRNA accumulating in response to cold treatment. Plant Science, 2000, 156, 35-46.	3.6	38
28	Gene expression profiling of ozone-treated Arabidopsis abi1td insertional mutant: protein phosphatase 2C ABI1 modulates biosynthesis ratio of ABA and ethylene. Planta, 2009, 230, 1003-1017.	3.2	38
29	Purification and characterization of <i>Arabidopsis thaliana</i> oligosaccharyltransferase complexes from the native host: a protein superexpression system for structural studies. Plant Journal, 2018, 94, 131-145.	5.7	37
30	Transactivation of BARNASE under the AtLTP1 promoter affects the basal pole of the embryo and shoot development of the adult plant in Arabidopsis. Plant Journal, 2001, 28, 503-515.	5.7	35
31	Opportunities for manipulating the seed protein composition of wheat and barley in order to improve quality. Transgenic Research, 1994, 3, 3-12.	2.4	30
32	Predictable activation of tissue-specific expression from a single gene locus using the pOp/LhG4 transactivation system in Arabidopsis. Plant Biotechnology Journal, 2004, 3, 91-101.	8.3	25
33	Arabidopsis thaliana phytaspase: identification and peculiar properties. Functional Plant Biology, 2018, 45, 171.	2.1	19
34	Identification of Arabidopsis thaliana sequences responsive to low temperature and abscisic acid by T-DNA tagging and in-vivo gene fusion. Plant Molecular Biology Reporter, 1995, 13, 243-254.	1.8	18
35	The two cathepsin B-like proteases of <i>Arabidopsis thaliana</i> are closely related enzymes with discrete endopeptidase and carboxydipeptidase activities. Biological Chemistry, 2018, 399, 1223-1235.	2.5	16
36	Methods to Study Plant Programmed Cell Death. Methods in Molecular Biology, 2016, 1419, 145-160.	0.9	15

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37	A new Arabidopsis nucleic-acid-binding protein gene is highly expressed in dividing cells during development. <i>Plant Molecular Biology</i> , 1997, 34, 119-124.	3.9	13
38	The Structures of Barley and Wheat Prolamins and their Genes. <i>Biochemie Und Physiologie Der Pflanzen</i> , 1988, 183, 117-127.	0.5	10
39	Genotype-by-Genotype Interactions Modified by a Third Species in a Plant-Insect System. <i>American Naturalist</i> , 2007, 170, 492.	2.1	9
40	Gene rescue in plants by direct gene transfer of total genomic DNA into protoplasts. <i>Nucleic Acids Research</i> , 1992, 20, 3977-3982.	14.5	8
41	Use of the lacZ reporter gene as an internal control for GUS activity in microprojectile bombarded plant tissue. <i>Plant Science</i> , 1996, 120, 153-160.	3.6	8
42	Transcriptome analysis identifies differentially expressed genes in maize leaf tissues in response to elevated atmospheric [CO <sub>2</sub> ]. <i>Journal of Plant Interactions</i> , 2018, 13, 373-379.	2.1	8
43	Programmed Cell Death Regulation by Plant Proteases with Caspase-Like Activity. , 2015, , 191-202.		7
44	Electroporation of Tobacco Leaf Protoplasts Using Plasmid DNA or Total Genomic DNA. , 1995, 55, 89-108.		5
45	Transformation in Sugar Beet ( <i>Beta vulgaris</i> L.). <i>Biotechnology in Agriculture and Forestry</i> , 1993, , 147-169.	0.2	0