

# Morten Petersen

## List of Publications by Year in descending order

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Version: 2024-02-01

55  
papers

14,721  
citations

126858

33  
h-index

143943

57  
g-index

61  
all docs

61  
docs citations

61  
times ranked

27115  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	4.3	3,122
3	Mitogen-Activated Protein Kinase Signaling in Plants. <i>Annual Review of Plant Biology</i> , 2010, 61, 621-649.	8.6	952
4	Arabidopsis MAP Kinase 4 Negatively Regulates Systemic Acquired Resistance. <i>Cell</i> , 2000, 103, 1111-1120.	13.5	946
5	Morphological classification of plant cell deaths. <i>Cell Death and Differentiation</i> , 2011, 18, 1241-1246.	5.0	481
6	The MAP kinase substrate MKS1 is a regulator of plant defense responses. <i>EMBO Journal</i> , 2005, 24, 2579-2589.	3.5	480
7	Arabidopsis MAP kinase 4 regulates gene expression through transcription factor release in the nucleus. <i>EMBO Journal</i> , 2008, 27, 2214-2221.	3.5	445
8	Knockout of Arabidopsis ACCELERATED-CELL-DEATH11 encoding a sphingosine transfer protein causes activation of programmed cell death and defense. <i>Genes and Development</i> , 2002, 16, 490-502.	2.7	363
9	Arabidopsis MAP kinase 4 regulates salicylic acid- and jasmonic acid/ethylene-dependent responses via EDS1 and PAD4. <i>Plant Journal</i> , 2006, 47, 532-546.	2.8	352
10	Autophagic Components Contribute to Hypersensitive Cell Death in Arabidopsis. <i>Cell</i> , 2009, 137, 773-783.	13.5	348
11	ATAF1 transcription factor directly regulates abscisic acid biosynthetic gene <i>NCED3</i> in <i>Arabidopsis thaliana</i> . <i>FEBS Open Bio</i> , 2013, 3, 321-327.	1.0	182
12	MAP Kinase Cascades in Arabidopsis Innate Immunity. <i>Frontiers in Plant Science</i> , 2012, 3, 169.	1.7	171
13	Autoimmunity in Arabidopsis <i>acd11</i> Is Mediated by Epigenetic Regulation of an Immune Receptor. <i>PLoS Pathogens</i> , 2010, 6, e1001137.	2.1	170
14	MYB75 Phosphorylation by MPK4 Is Required for Light-Induced Anthocyanin Accumulation in Arabidopsis. <i>Plant Cell</i> , 2016, 28, 2866-2883.	3.1	166
15	Arabidopsis ATP A2 peroxidase. Expression and high-resolution structure of a plant peroxidase with implications for lignification. <i>Plant Molecular Biology</i> , 2000, 44, 231-243.	2.0	149
16	Gene regulation by MAP kinase cascades. <i>Current Opinion in Plant Biology</i> , 2009, 12, 615-621.	3.5	114
17	Catalase and <i>NO CATALASE ACTIVITY1</i> Promote Autophagy-Dependent Cell Death in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2013, 25, 4616-4626.	3.1	101
18	The <i>mRNA</i> decay factor <i>PAT</i> 1 functions in a pathway including <i>MAP</i> kinase 4 and immune receptor <i>SUMM</i> 2. <i>EMBO Journal</i> , 2015, 34, 593-608.	3.5	100

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19	Role of autophagy in disease resistance and hypersensitive response-associated cell death. <i>Cell Death and Differentiation</i> , 2011, 18, 1257-1262.	5.0	90
20	An <i>Arabidopsis</i> callose synthase. <i>Plant Molecular Biology</i> , 2002, 49, 559-566.	2.0	88
21	The genome of <i>Prasinoderma coloniale</i> unveils the existence of a third phylum within green plants. <i>Nature Ecology and Evolution</i> , 2020, 4, 1220-1231.	3.4	84
22	Isolation and characterisation of a pod dehiscence zone-specific polygalacturonase from <i>Brassica napus</i> . <i>Plant Molecular Biology</i> , 1996, 31, 517-527.	2.0	82
23	Autophagy deficiency leads to accumulation of ubiquitinated proteins, ER stress, and cell death in <i>Arabidopsis</i> . <i>Autophagy</i> , 2014, 10, 1579-1587.	4.3	75
24	Receptor-like kinase complexes in plant innate immunity. <i>Frontiers in Plant Science</i> , 2012, 3, 209.	1.7	74
25	An Innate Immunity Pathway in the Moss <i>Physcomitrella patens</i> . <i>Plant Cell</i> , 2016, 28, 1328-1342.	3.1	73
26	Retromer Contributes to Immunity-Associated Cell Death in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2015, 27, 463-479.	3.1	67
27	<i>Arabidopsis</i> MKS1 Is Involved in Basal Immunity and Requires an Intact N-terminal Domain for Proper Function. <i>PLoS ONE</i> , 2010, 5, e14364.	1.1	65
28	Matching NLR Immune Receptors to Autoimmunity in <i>camta3</i> Mutants Using Antimorphic NLR Alleles. <i>Cell Host and Microbe</i> , 2017, 21, 518-529.e4.	5.1	63
29	Making sense of plant autoimmunity and "negative regulators". <i>FEBS Journal</i> , 2016, 283, 1385-1391.	2.2	59
30	Autophagy mediates temporary reprogramming and dedifferentiation in plant somatic cells. <i>EMBO Journal</i> , 2020, 39, e103315.	3.5	51
31	Autophagy is required for gamete differentiation in the moss <i>Physcomitrella patens</i> . <i>Autophagy</i> , 2017, 13, 1939-1951.	4.3	47
32	Emergent bacterial community properties induce enhanced drought tolerance in <i>Arabidopsis</i> . <i>Npj Biofilms and Microbiomes</i> , 2021, 7, 82.	2.9	45
33	Individual components of paired typical NLR immune receptors are regulated by distinct E3 ligases. <i>Nature Plants</i> , 2018, 4, 699-710.	4.7	43
34	Coimmunoprecipitation (co-IP) of Nuclear Proteins and Chromatin Immunoprecipitation (ChIP) from <i>Arabidopsis</i> . <i>Cold Spring Harbor Protocols</i> , 2008, 2008, pdb.prot5049.	0.2	38
35	Identification of proteins interacting with <i>Arabidopsis</i> ACD11. <i>Journal of Plant Physiology</i> , 2009, 166, 661-666.	1.6	38
36	Human GLTP and mutant forms of ACD11 suppress cell death in the <i>Arabidopsis acd11</i> mutant. <i>FEBS Journal</i> , 2008, 275, 4378-4388.	2.2	30

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37	Constitutive expression of MKS1 confers susceptibility to <i>Botrytis cinerea</i> infection independent of PAD3 expression. <i>Plant Signaling and Behavior</i> , 2011, 6, 1425-1427.	1.2	26
38	Signaling unmasked. <i>Autophagy</i> , 2014, 10, 520-521.	4.3	26
39	Lazarus1, a DUF300 Protein, Contributes to Programmed Cell Death Associated with <i>Arabidopsis</i> <i>acd11</i> and the Hypersensitive Response. <i>PLoS ONE</i> , 2010, 5, e12586.	1.1	25
40	A putative flavin-containing mono-oxygenase as a marker for certain defense and cell death pathways. <i>Plant Science</i> , 2006, 170, 614-623.	1.7	24
41	Downstream targets of WRKY33. <i>Plant Signaling and Behavior</i> , 2008, 3, 1033-1034.	1.2	23
42	Genome-wide analyses across Viridiplantae reveal the origin and diversification of small RNA pathway-related genes. <i>Communications Biology</i> , 2021, 4, 412.	2.0	22
43	DNA damage as a consequence of NLR activation. <i>PLoS Genetics</i> , 2018, 14, e1007235.	1.5	21
44	Plant autoimmunity—fresh insights into an old phenomenon. <i>Plant Physiology</i> , 2022, 188, 1419-1434.	2.3	15
45	Molecular evidence for origin, diversification and ancient gene duplication of plant subtilases (SBTs). <i>Scientific Reports</i> , 2019, 9, 12485.	1.6	14
46	The pearl millet mitogen-activated protein kinase PgMPK4 is involved in responses to downy mildew infection and in jasmonic- and salicylic acid-mediated defense. <i>Plant Molecular Biology</i> , 2015, 87, 287-302.	2.0	13
47	Transcriptome and Genome Size Analysis of the Venus Flytrap. <i>PLoS ONE</i> , 2015, 10, e0123887.	1.1	12
48	The <i>Arabidopsis thaliana</i> mRNA decay factor PAT1 functions in osmotic stress responses and decaps ABA-responsive genes. <i>FEBS Letters</i> , 2021, 595, 253-263.	1.3	9
49	Overexpression of <i>ATG8/LC3</i> enhances wound-induced somatic reprogramming in <i>Physcomitrium patens</i> . <i>Autophagy</i> , 2022, 18, 1463-1466.	4.3	7
50	mRNA Decapping Factors LSM1 and PAT Paralogs Are Involved in Turnip Mosaic Virus Viral Infection. <i>Molecular Plant-Microbe Interactions</i> , 2022, 35, 125-130.	1.4	7
51	Self-consuming innate immunity in <i>Arabidopsis</i> . <i>Autophagy</i> , 2009, 5, 1206-1207.	4.3	6
52	The Draft Genome of the Small, Spineless Green Alga <i>Desmodesmus costato-granulatus</i> (Sphaeropleales, Chlorophyta). <i>Protist</i> , 2019, 170, 125697.	0.6	4
53	Chitin-Induced Responses in the Moss <i>Physcomitrella patens</i> . <i>Methods in Molecular Biology</i> , 2017, 1578, 317-324.	0.4	2
54	Chitin and Stress Induced Protein Kinase Activation. <i>Methods in Molecular Biology</i> , 2017, 1578, 185-194.	0.4	1

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55	The Draft Genome of <i>Hariotina reticulata</i> (Sphaeropleales, Chlorophyta) Provides Insight into the Evolution of Scenedesmaceae. <i>Protist</i> , 2019, 170, 125684.	0.6	1