Johannes W Stratmann

List of Publications by Year
in descending order

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29 papers	2,200 citations	331670 21 h-index	501196 28 g-index
30 all docs	30 docs citations	30 times ranked	2607 citing authors

#	Article	IF	Citations
1	Survey of Sensitivity to Fatty Acid-Amino Acid Conjugates in the Solanaceae. Journal of Chemical Ecology, 2020, 46, 330-343.	1.8	5
2	MAP kinases associate with high molecular weight multiprotein complexes. Journal of Experimental Botany, 2018, 69, 643-654.	4.8	8
3	Hairless but no longer clueless: understanding glandular trichome development. Journal of Experimental Botany, 2016, 67, 5285-5287.	4.8	15
4	RNA-Seq Links the Transcription Factors AINTEGUMENTA and AINTEGUMENTA-LIKE6 to Cell Wall Remodeling and Plant Defense Pathways. Plant Physiology, 2016, 171, 2069-2084.	4.8	57
5	Methanol and ethanol modulate responses to danger- and microbe-associated molecular patterns. Frontiers in Plant Science, 2014, 5, 550.	3.6	40
6	The Tomato Kinome and the Tomato Kinase Library ORFeome: Novel Resources for the Study of Kinases and Signal Transduction in Tomato and Solanaceae Species. Molecular Plant-Microbe Interactions, 2014, 27, 7-17.	2.6	30
7	Systemic Wound Signaling in Plants. Signaling and Communication in Plants, 2013, , 323-362.	0.7	6
8	Many jobs for one good cop â€“ The COP9 signalosome guards development and defense. Plant Science, 2012, 185-186, 50-64.	3.6	36
9	Growth and Thallus Morphogenesis of Ulva mutabilis (Chlorophyta) Depends on A Combination of Two Bacterial Species Excreting Regulatory Factors. Journal of Phycology, 2012, 48, 1433-1447.	2.3	180
10	Wounding systemically activates a mitogen-activated protein kinase in forage and turf grasses. Plant Science, 2011, 180, 686-693.	3.6	19
11	The COP9 signalosome controls jasmonic acid synthesis and plant responses to herbivory and pathogens. Plant Journal, 2011, 65, 480-491.	5.7	52
12	Gene silencing goes viral and uncovers the private life of plants. Entomologia Experimentalis Et Applicata, 2011, 140, 91-102.	1.4	16
13	Systemin and jasmonic acid regulate constitutive and herbivore-induced systemic volatile emissions in tomato, Solanum lycopersicum. Phytochemistry, 2010, 71, 2024-2037.	2.9	90
14	Tissue-type specific systemin perception and the elusive systemin receptor. Plant Signaling and Behavior, 2010, 5, 42-44.	2.4	23
15	The tomato brassinosteroid receptor BRI1 increases binding of systemin to tobacco plasma membranes, but is not involved in systemin signaling. Plant Molecular Biology, 2009, 70, 603-616.	3.9	58
16	Micro-Electrode Flux Estimation Confirms That the Solanum pimpinellifolium cu3 Mutant Still Responds to Systemin. Plant Physiology, 2008, 146, 129-139.	4.8	25
17	MAP Kinases in Plant Responses to Herbivory. , 2008, , 329-347.		3
18	Tomato MAPKs LeMPK1, LeMPK2, and LeMPK3 function in the systemin-mediated defense response against herbivorous insects. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 12205-12210.	7.1	248

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19	Tomato Mitogen-Activated Protein Kinases LeMPK1, LeMPK2, and LeMPK3 Are Activated during the Cf-4/Avr4-Induced Hypersensitive Response and Have Distinct Phosphorylation Specificities. Plant Physiology, 2007, 144, 1481-1494.	4.8	106
20	Changes in extracellular pH are neither required nor sufficient for activation of mitogen-activated protein kinases (MAPKs) in response to systemin and fusicoccin in tomato. Planta, 2007, 225, 1535-1546.	3.2	33
21	Plant Respiratory Burst Oxidase Homologs Impinge on Wound Responsiveness and Development in Lycopersicon esculentum Â[W]. Plant Cell, 2004, 16, 616-628.	6.6	248
22	Ultraviolet-B radiation co-opts defense signaling pathways. Trends in Plant Science, 2003, 8, 526-533.	8.8	125
23	Long distance run in the wound response â€“ jasmonic acid is pulling ahead. Trends in Plant Science, 2003, 8, 247-250.	8.8	135
24	Convergence of Signaling Pathways Induced by Systemin, Oligosaccharide Elicitors, and Ultraviolet-B Radiation at the Level of Mitogen-Activated Protein Kinases in Lycopersicon peruvianum Suspension-Cultured Cells. Plant Physiology, 2003, 132, 1728-1738.	4.8	173
25	Ultraviolet-B Activates Components of the Systemin Signaling Pathway in Lycopersicon peruvianum Suspension-cultured Cells. Journal of Biological Chemistry, 2002, 277, 28424-28430.	3.4	36
26	Production of multiple plant hormones from a single polyprotein precursor. Nature, 2001, 411, 817-820.	27.8	253
27	UVB/UVA Radiation Activates a 48 kDa Myelin Basic Protein Kinase and Potentiates Wound Signaling in Tomato Leaves. Photochemistry and Photobiology, 2000, 71, 116-123.	2.5	20
28	Symposium-in-Print UVB/UVA Radiation Activates a 48 kDa Myelin Basic Protein Kinase and Potentiates Wound Signaling in Tomato Leaves. Photochemistry and Photobiology, 2000, 71, 116.	2.5	53
29	DIFFERENTIATION OF ULVA MUTABILIS (CHLOROPHYTA) GAMETANGIA AND GAMETE RELEASE ARE CONTROLLED BY EXTRACELLULAR INHIBITORS1. Journal of Phycology, 1996, 32, 1009-1021.	2.3	104