

Leibniz-Institut für Pflanzenbiochemie Stiftung des öffentlichen Rechts



- Projects
 Staff
- Collaborations

Advanced Search

Type of publication

Publication (15) Books and chapters (1)

Year

2006 (1) 2011 (1) 2012 (1) 2013 (1) 2014 (1) 2015 (2) 2016 (2) 2019 (2)

2020 (2)

2021 (2)

2024 (1)

Journal / Volume / Preprint Server Sorted by frequency and by alphabetical order



J. EXP. BOL. (2)
Plant Physiol. (2)
BMC Biol. (1)
Bio Protoc. (1)
Field Crops Res. (1)
Genome (1)
Methods Mol. Biol. (1)
Mol. Plant (1)
New Phytol. (1)
PLOS Genet. (1)
Plant Cell Physiol. (1)
Proc. Natl. Acad. Sci. U.S.A. (1)
Sci. Adv. (1)
Trop. Plant Biol. (1)

Author Sorted by frequency and by alphabetical order

Gasperini, D. (16) Acosta, I. F. (5) Farmer, E. E. (5) Dreos, R. (4) Mielke, S. (4) Chételat, A. (3) Zimmer, M. (3) Asquini, E. (2) Graziosi, G. (2) Griffiths, S. (2) Hause, B. (2) Meena, M. K. (2) Pallavicini, A. (2) Stellmach, H. (2) Stolz, S. (2) Alfonso, E. (1) Chauvin, A. (1) Coll, N. S. (1) Dallery, J.-F. (1) De Nardi, B. (1) Del Terra, L. (1)



Gooding, M. (1) Greenland, A. (1) Halder, V. (1) Harwood, W. (1) Hedden, P. (1) Howe, G. A. (1) Igic, B. (1) Kashyap, A. (1) Kowalski, A. M. (1) Kurenda, A. (1) Le Goff, G. (1) Martellossi, C. (1) Melnyk, C. W. (1) Menna, A. (1) Orford, S. (1) Ouazzani, J. (1) O'Connell, R. J. (1) Pacchioni, B. (1) Pauwels, L. (1) Pigné, S. (1) Rathinavelu, R. (1) Sancho-Andrés, G. (1) Santuari, L. (1) Schulze, A. (1) Sklodowski, K. (1) Slafer, G. A. (1) Suliman, M. (1) Sánchez-Rodríguez, C. (1) Trougakos, I. P. (1) Voiniciuc, C. (1) Wolfender, J.-L. (1)



Results as: Print view Endnote (RIS) BibTeX Table: CSV | HTML

Gasperini, D.; Howe, G. A.; Phytohormones in a universe of regulatory metabolites: lessons from jasmonate *Plant Physiol.* **195** 135-154 (2024) DOI: **10.1093/plphys/kiae045**

Abstract Internet BibText RIS

Mielke, S.; Zimmer, M.; Meena, M. K.; Dreos, R.; Stellmach, H.; Hause, B.; Voiniciuc, C.; Gasperini,
 D.; Jasmonate biosynthesis arising from altered cell walls is prompted by turgor-driven mechanical compression *Sci. Adv.* 7 eabf0356 (2021) DOI: 10.1126/sciadv.abf0356

Abstract Internet BibText RIS

Menna, A.; Dora, S.; Sancho-Andrés, G.; Kashyap, A.; Meena, M. K.; Sklodowski, K.; Gasperini, D.; Coll, N. S.; Sánchez-Rodríguez, C.; A primary cell wall cellulose-dependent defense mechanism against vascular pathogens revealed by time-resolved dual transcriptomics *BMC Biol.* **19** 161 (2021) DOI: 10.1186/s12915-021-01100-6

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Dallery, J.-F.; Zimmer, M.; Halder, V.; Suliman, M.; Pigné, S.; Le Goff, G.; Gianniou, D. D.; Trougakos, I. P.; Ouazzani, J.; Gasperini, D.; O'Connell, R. J.; Inhibition of jasmonate-mediated plant defences by the fungal metabolite higginsianin B *J. Exp. Bot.* **71** 2910-2921 (2020) DOI: 10.1093/jxb/eraa061

Abstract



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Mielke, S.; Gasperini, D.; Plant-Insect Bioassay for Testing Arabidopsis Resistance to the Generalist Herbivore Spodoptera littoralis Champion, A. & Laplaze, L., eds. *Methods Mol. Biol.* 2085 69-78 (2020) ISBN:978-1-0716-0142-6 DOI: 10.1007/978-1-0716-0142-6_5

Abstract BibText RIS

Mielke, S.; Gasperini, D.; Interplay between Plant Cell Walls and Jasmonate Production *Plant Cell Physiol.* 60 2629-2637 (2019) DOI: 10.1093/pcp/pcz119

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Schulze, A.; Zimmer, M.; Mielke, S.; Stellmach, H.; Melnyk, C. W.; Hause, B.; Gasperini, D.; Wound-Induced Shoot-to-Root Relocation of JA-Ile Precursors Coordinates Arabidopsis Growth *Mol. Plant* **12** 1383-1394 (2019) DOI: 10.1016/j.molp.2019.05.013

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Kowalski, A. M.; Gooding, M.; Ferrante, A.; Slafer, G. A.; Orford, S.; Gasperini, D.; Griffiths, S.; Agronomic assessment of the wheat semi-dwarfing gene Rht8 in contrasting nitrogen treatments and water regimes *Field Crops Res.* **191** 150-160 (2016) DOI: 10.1016/j.fcr.2016.02.026

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Gasperini, D.; Acosta, I. F.; Farmer, E. E.; Cotyledon Wounding of Arabidopsis Seedlings *Bio Protoc.* 6 e1712 (2016) DOI: 10.21769/BioProtoc.1712

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Gasperini, D.; Chételat, A.; Acosta, I. F.; Goossens, J.; Pauwels, L.; Goossens, A.; Dreos, R.; Alfonso, E.; Farmer, E. E.; Multilayered Organization of Jasmonate Signalling in the Regulation of Root Growth *PLOS Genet.* **11** e1005300 (2015) DOI: 10.1371/journal.pgen.1005300

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