

No.	Authors	Title	Group
1	<u>Han Guo</u> , Rayko Halitschke, Natalie Wielsch, Suhua Li, Klaus Gase, Aleš Svatoš, Ian T. Baldwin	Prezygotic mate selection in the self-compatible <i>Nicotiana attenuata</i> results from coordinated variation in self-incompatibility genes	ITB
2	Erica McGale, <u>Henrique Valim</u> , Rayko Halitschke, Ian Baldwin	Testing drought resistance traits in glasshouse experiments: when to control for water use and water availability	ITB
3	<u>Maitree Pradhan</u> , Priyanka Pandey, Ravi K Singh, Klaus Gase, Ian T. Baldwin, Shree P. Pandey	Functional diversity of Argonautes in modulating ecological interactions in <i>Nicotiana attenuata</i>	ITB
4	<u>Jun He</u> , Richard A. Fandino, Rayko Halitschke, Katrin Luck, Tobias G. Köllner, Mark Murdock, Rishav Ray, Klaus Gase, Markus Knaden, Ian T. Baldwin, Meredith C. Schuman	Linalool, a context-specific cue in wild tobacco	ITB
5	<u>Anja K. Meents</u> , Alexandra C. U. Furch, Marília Almeida-Trapp, Sedef Özyürek, Sandra S. Scholz, Alexander Kirbis, Günter Theißen, Veit Grabe, Bill Hansson, Axel Mithöfer, Ralf Oelmüller	Good vs Evil: Monitoring fungal-induced auxin in <i>Arabidopsis</i> roots	BOL
6	<u>Tilottama Mazumdar</u> , Beng Soon Teh, Aishwarya Murali, Wilhelm Boland	Stress survival strategies of the dominating bacteria <i>Enterococcus mundtii</i> in the gut of <i>Spodoptera littoralis</i>	BOL
7	<u>Nanxia Fu</u> , Sarah Baur, Maritta Kunert, Tobias Becker, Zhiling Yang, Yannick Pauchet, Christian Paetz, Stefan H. Heinemann, Antje Burse, Wilhelm Boland	Two chemical defensive lines in leaf beetles: P450s are involved in the biosynthetic pathways	BOL
8	<u>Toni Krause</u> , Maricel Santoro, Erica Perreca, Jonathan Gershenzon, Axel Schmidt	Which function has the ratio between IDP and DMADP on the regulation of isoprenoid biosynthesis?	GER
9	<u>Michael L.A.E. Easson</u> , Onsat Malka, Michael Reichelt, Christian Paetz, Aleksa Stanisic, Stephan Winter, Shai Morin, Daniel G. Vassão, Jonathan Gershenzon	When Life Gives you Sugar: Metabolic Fates of Activated Defenses in Phloem Feeding Insects	GER
10	Maria Paulmann, <u>Felix Feistel</u> , Torsten Knauer, Christian Paetz, Jonathan Gershenzon, Alexandra Furch, Grit Kunert	Possible legume defenses against pea aphids - two pieces of a big puzzle	GER
11	<u>Erica Perreca</u> , Franziska Eberl, Maricel Santoro, Daniel Veit, Louwrance Peter Wright, Sybille Unsicker, Axel Schmidt, Jonathan Gershenzon	Volatile emission in a combination of drought stress and methyl jasmonate treatment in <i>Picea glauca</i>	GER
12	<u>Elisabeth Adam</u> , Bill S. Hansson, Markus Knaden	Learning with the tongue: Do hawkmoths learn odors that they perceive with their proboscis?	HAN
13	<u>Megha Treesa Tom</u> , Sofia Lavista-Llanos, Ewald Grosse-Wilde, Sonja Bisch-Knaden, Bill S. Hansson	The impact of single odorant receptors on the behavior of <i>Manduca sexta</i>	HAN
14	<u>Sinisa Prelic</u> , Sofia Lavista-Llanos, Bill S. Hansson	Revealing fine details in olfactory sensilla: single-nucleus RNA-seq and the role of support cells in olfaction	HAN
15	<u>Kalpna Jain</u> , Dieter Wicher, Sofia Lavista-Llanos, Bill S. Hansson	Characterization of <i>Drosophila</i> odorant receptor proteins with a mutated calmodulin binding site	HAN
16	<u>Wiebke Häger</u> , Esma Vurmaz, Carolin Schäfer, David Heckel, Yannick Pauchet, Roy Kirsch	Interaction of beetle polygalacturonases with plant inhibitory proteins	HEC
17	<u>Sabine Hänniger</u> , Stefan Bartram, Michael Reichelt, David G. Heckel	Color me thrice - Pleiotropy of <i>cinnabar</i> in the moth <i>Spodoptera littoralis</i>	HEC
18	<u>Yu Okamura</u> , David G. Heckel, Heiko Vogel	<i>Pieris</i> butterflies use two adaptive genes to overcome a broader range of chemical defenses in their host plants	HEC
19	<u>André Busch</u> , Etienne Danchin, Yannick Pauchet	Cellulases in Phytophaga beetles: Characterization and molecular evolution of family 45 glycoside hydrolases in leaf beetles and weevils	HEC
20	<u>Ahmed A. M. Mohamed</u> , Sudeshna Das Chakraborty, Mohammed A. Khallaf, Regina Stieber, Markus Knaden, Bill S. Hansson, Silke Sachse	Higher-order neurons reveal selective odor profile to pheromones and aversive odors	Sachse
21	<u>Hui Luy</u> , Florian Schnurrer, Bettina Dudek, Christian Paetz	Natural products research in the NMR group	NMR
22	<u>Lin-Ling Ren</u> , Theresa Sporer, Matilda Gikonyo, Zhi-Ling Yang, Franziska Beran	How important is the detoxification of isothiocyanates by conjugation to glutathione in the cabbage stem flea beetle?	Beran
23	Filip Kaftan, <u>Benjamin Bartels</u> , Marine Vallet, Tim Baumeister, Georg Pohnert, Aleš Svatoš	MS imaging and profiling under ambient conditions	MS
24	<u>Amy Eacock</u> , Josefin Stiller, Shabnam Mohammadi, Hannah M. Rowland	Toxin resistance in birds	Rowland
25	<u>Marine Vallet</u> , Tim Baumeister ¹ , Mona Staudinger, Filip Kaftan, Aleš Svatoš, Georg Pohnert	Metabolomics approaches to address microbial complexity in phytoplankton communities	Pohnert