JaromÃ-r HradeckÃ½

List of Publications by Year
in descending order

21 papers	552 citations	759233 12 h-index	713466 21 g-index
21 all docs	21 docs citations	21 times ranked	699 citing authors

#	Article	IF	Citations
1	Metabolomics and transcriptomics of pheromone biosynthesis in an aggressive forest pest Ips typographus. Insect Biochemistry and Molecular Biology, 2022, 140, 103680.	2.7	17
2	Forest margins provide favourable microclimatic niches to swarming bark beetles, but Norway spruce trees were not attacked by Ips typographus shortly after edge creation in a field experiment. Forest Ecology and Management, 2022, 506, 119950.	3.2	14
3	Efficiency and Sustainability of Ips duplicatus (Coleoptera: Curculionidae) Pheromone Dispensers with Different Designs. Forests, 2022, 13, 511.	2.1	1
4	The Last Trees Standing: Climate modulates tree survival factors during a prolonged bark beetle outbreak in Europe. Agricultural and Forest Meteorology, 2022, 322, 109025.	4.8	10
5	The trail-following pheromone of the termite Serritermes serrifer. Chemoecology, 2021, 31, 11-17.	1.1	4
6	Norway spruce ecotypes distinguished by chlorophyll a fluorescence kinetics. Acta Physiologiae Plantarum, 2021, 43, 1.	2.1	8
7	Trehalose determination in Norway spruce (Picea abies) roots. Analytics matters. MethodsX, 2021, 8, 101280.	1.6	2
8	Changes in Volatile Compound Profiles in Cold-Pressed Oils Obtained from Various Seeds during Accelerated Storage. Molecules, 2021, 26, 285.	3.8	15
9	Vegan Diet Is Associated With Favorable Effects on the Metabolic Performance of Intestinal Microbiota: A Cross-Sectional Multi-Omics Study. Frontiers in Nutrition, 2021, 8, 783302.	3.7	14
10	Microbiome and Metabolome Profiles Associated With Different Types of Short Bowel Syndrome: Implications for Treatment. Journal of Parenteral and Enteral Nutrition, 2020, 44, 105-118.	2.6	24
11	Volatile Organic Compounds (VOCs) from Wood and Wood-Based Panels: Methods for Evaluation, Potential Health Risks, and Mitigation. Polymers, 2020, 12, 2289.	4.5	60
12	The short-term effect of sudden gap creation on tree temperature and volatile composition profiles in a Norway spruce stand. Trees - Structure and Function, 2020, 34, 1397-1409.	1.9	14
13	VOC Emissions from Spruce Strands and Hemp Shive: In Search for a Low Emission Raw Material for Bio-Based Construction Materials. Materials, 2019, 12, 2026.	2.9	19
14	The Effect of Butyrate-Supplemented Parenteral Nutrition on Intestinal Defence Mechanisms and the Parenteral Nutrition-Induced Shift in the Gut Microbiota in the Rat Model. BioMed Research International, 2019, 2019, 1-14.	1.9	29
15	Impact of vacuum frying on quality of potato crisps and frying oil. Food Chemistry, 2018, 241, 51-59.	8.2	78
16	Storageâ€induced Changes in Volatile Compounds in Argan Oils Obtained from Raw and Roasted Kernels. JAOCS, Journal of the American Oil Chemists' Society, 2018, 95, 1475-1485.	1.9	9
17	Testing of polybutylene succinate based films for poultry meat packaging. Polymer Testing, 2017, 60, 357-364.	4.8	48
18	Volatile compounds and other indicators of quality for coldâ€pressed rapeseed oils obtained from peeled, whole, flaked and roasted seeds. European Journal of Lipid Science and Technology, 2017, 119, 1600328.	1.5	12

#	Article	IF	Citations
19	Highâ€Pressure Thermal Sterilization: Food Safety and Food Quality of Baby Food Puree. Journal of Food Science, 2014, 79, M230-7.	3.1	72
20	Effect of high pressure thermal sterilization on the formation of food processing contaminants. Innovative Food Science and Emerging Technologies, 2013, 20, 42-50.	5.6	61
21	Rapid analysis of caffeine in various coffee samples employing direct analysis in real-time ionizationâ€“high-resolution mass spectrometry. Analytical and Bioanalytical Chemistry, 2012, 403, 2883-2889.	3.7	41