

Number	Points	Points Q1	Points Q2	Points Q3-4	
1	100	100			Basile, S., Stribrska, B., Kalyniukova, A., Hradecky, J., Synek, J., Gershenzon, J., & Jirosova, A. (2024). Physiological and biochemical changes of <i>Picea abies</i> (L.) during acute drought stress and their correlation with susceptibility to <i>Ips typographus</i> (L.) and <i>I. duplicatus</i> (Sahlberg). <i>FRONTIERS IN FORESTS AND GLOBAL CHANGE</i> , 7. https://doi.org/10.3389/ffgc.2024.1436110
2	20	20			DeSouza, O., Sillam-Dussès, D., Jirošová, A., Krasulová, J., Kutalová, K., Cristaldo, P. F., Sobotník, J., & Lima, E. R. (2014). Mutual Use of Trail-Following Chemical Cues by a Termite Host and Its Inquiline. <i>PLoS ONE</i> , 9(1), e85315. https://doi.org/10.1371/journal.pone.0085315
3	100	100			Duduman, M. L., Beránková, K., Jakus, R., Hradecky, J., & Jirosova, A. (2022). Efficiency and Sustainability of <i>Ips duplicatus</i> (Coleoptera: Curculionidae) Pheromone Dispensers with Different Designs. <i>FORESTS</i> , 13. https://doi.org/10.3390/f13040511
4	25		25		Hanus, R., Luxová, A., Sobotník, J., Kalinová, B., Jiros, P., Krecek, J., Bourguignon, T., & Bordereau, C. (2009). Sexual communication in the termite <i>Prorethra simplex</i> (Isoptera, Rhinotermitidae) mediated by a pheromone from female tergal glands. <i>INSECTES SOCIAUX</i> , 56, 111–118. https://doi.org/10.1007/s00040-009-0005-5
5	25		25		Hoskovec, M., Luxová, A., Svatoš, A., & Boland, W. (2002). Biosynthesis of sex pheromones in moths: stereochemistry of fatty alcohol oxidation in <i>Manduca sexta</i> . <i>TETRAHEDRON</i> , 58, 9193–9201.
6	2			2	Host'alkova, A., Novak, Z., Pour, M., Jirosova, A., Opletal, L., Kunes, J., & Cahlikova, L. (2013). Berbanine: a new isoquinoline-isoquinolone alkaloid from <i>Berberis vulgaris</i> (Berberidaceae). <i>Nat Prod Commun</i> , 8(4), 441–442. http://www.ncbi.nlm.nih.gov/pubmed/23738447
7	10	10			Hüttnerová, T., Paczkowski, S., Neubert, T., Jirosova, A., & Surovy, P. (2023). Comparison of Individual Sensors in the Electronic Nose for Stress Detection in Forest Stands. <i>SENSORS</i> , 23. https://doi.org/10.3390/s23042001
8	10	10			Jakus, R., Modlinger, R., Kaspar, J., Majdak, A., Blazenec, M., Korolyova, N., Jirosova, A., & Schlyter, F. (2022). Testing the Efficiency of the Push-and-Pull Strategy during Severe <i>Ips typographus</i> Outbreak and Extreme Drought in Norway Spruce Stands. <i>FORESTS</i> , 13. https://doi.org/10.3390/f13122175
9	10	10			Jakus, R., Trubin, A., Singh, V. v, Zabihi, K., Jirosova, A., Modlinger, R., Majdák, A., Korolyova, N., Moliterno, A. A. C., Kaspar, J., Slavik, M., Surovy, P., Tůrcán, M., & Schlyter, F. (2024). Spruce Protection against <i>Ips typographus</i> with Anti-Attractant Blend of Tree-Based Semiochemicals: From Small Experimental Plots to Stand Scales. <i>FORESTS</i> , 15. https://doi.org/10.3390/f15020356
10	10			10	Jančařík, A., Jirošová, A., Majer, P., Dolejšová, K., Sillam-Dussès, D., Hanus, R., Kyjaková, P., Kalinová, B., & Cristaldo, P. F. (2016). Smells Like Home: Chemically Mediated Co-Habitation of Two Termite Species in a Single Nest. <i>Journal of Chemical Ecology</i> , 42(10), 1070–1081. https://doi.org/10.1007/s10886-016-0756-1
11	100	100			Jirošová, A., Jančařík, A., Menezes, R. C., Bazalová, O., Dolejšová, K., Vogel, H., Jedlička, P., Buček, A., Brabcová, J., Majer, P., Hanus, R., & Svatoš, A. (2017). Co-option of the sphingolipid metabolism for the production of nitroalkene defensive chemicals in termite soldiers. <i>Insect Biochemistry and Molecular Biology</i> , 82, 52–61. https://doi.org/10.1016/j.ibmb.2017.01.008
12	100		100		Jirosova, A., Jancarik, A., Menezes, R. C., Bazalová, O., Dolejšová, K., Vogel, H., Jedlička, P., Bucek, A., Brabcová, J., Majer, P., Hanus, R., & Svatoš, A. (2018). Metabolomic and transcriptomic data on major metabolic/biosynthetic pathways in workers and soldiers of the termite <i>Prorethra simplex</i> (Isoptera: Rhinotermitidae) and chemical synthesis of intermediates of defensive (E)-nitropentadec-1-ene biosynthesis. <i>DATA IN BRIEF</i> , 18, 1614–1627. https://doi.org/10.1016/j.dib.2018.04.052
13	10			10	Jirosova, A., Kalinová, B., Modlinger, R., Jakus, R., Unelius, C. R., Blazenec, M., & Schlyter, F. (2022). Anti-attractant activity of (+)-trans-4-thujanol for Eurasian spruce bark beetle <i>Ips typographus</i> : Novel potency for females. <i>PEST MANAGEMENT SCIENCE</i> , 78, 1992–1999. https://doi.org/10.1002/ps.6819
14	50		50		Jirosova, A., Majer, P., Jancarik, A., Dolejšova, K., Tykva, R., Sobotník, J., Jiros, P., & Hanus, R. (2014). Sphinganine-Like Biogenesis of (E)-1-Nitropentadec-1-ene in Termite Soldiers of the Genus <i>Prorethra</i> . <i>ChemBiochem</i> , 15(4), 533–536. https://doi.org/10.1002/cbic.201300665
15	10			10	Jirosova, A., Modlinger, R., Hradecky, J., Ramakrishnan, R., Beránková, K., & Kandasamy, D. (2022). Ophiostomatoid fungi synergize attraction of the Eurasian spruce bark beetle, <i>Ips typographus</i> to its aggregation pheromone in field traps. <i>FRONTIERS IN MICROBIOLOGY</i> , 13. https://doi.org/10.3389/fmicb.2022.980251
16	33	33			Kyjaková, P., Roy, V., Jirosova, A., Krasulová, J., Dolejšová, K., Krivánek, J., Hadravová, R., Rybáček, J., Pohl, R., Roisin, Y., Sillam-Dussès, D., & Hanus, R. (2017). Chemical systematics of Neotropical termite genera with symmetrically snapping soldiers (Termitidae: Termitinae). <i>ZOOLOGICAL JOURNAL OF THE LINNEAN SOCIETY</i> , 180, 66–81. https://doi.org/10.1111/zoj.12486
17	5		5		Lagoutte, R., Šebesta, P., Jiroš, P., Kalinová, B., Jirošová, A., Straka, J., Černá, K., Sobotník, J., Cvačka, J., & Jahn, U. (2013). Total synthesis, proof of absolute configuration, and biosynthetic origin of stylopsal, the first isolated sex pheromone of strepsiptera. <i>Chemistry - A European Journal</i> , 19(26), 8515–8524. https://doi.org/10.1002/chem.201204196
18	10			10	Luxová, A., & Svatoš, A. (2006). Substrate specificity of membrane-bound alcohol oxidase from the tobacco hornworm moth (<i>Manduca sexta</i>) female pheromone glands. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 38(1), 37–42. https://doi.org/10.1016/j.molcatb.2005.10.006
19	10			10	Luxová, A., Urbanová, K., Valterová, I., Terzo, M., & Borg-Karlson, A. K. (2004). Absolute configuration of chiral terpenes in marking pheromones of bumblebees and cuckoo bumblebees. <i>CHIRALITY</i> , 16, 228–233. https://doi.org/10.1002/chir.20017
20	10				Luxova, A., & Valterova, I. (2006). Biosynthesis of insect pheromones. <i>CHEMICKÉ LISTY</i> , 100(4), 243–255. <Go to ISI>://WOS:000237048100025
21	10			10	Luxová, A., Valterová, I., Stránský, K., Hovorka, O., & Svatoš, A. (2003). Biosynthetic studies on marking pheromones of bumblebee males. <i>CHEMOECOLOGY</i> , 13, 81–87. https://doi.org/10.1007/s00049-003-0230-8
22	5			5	Matouskova, P., Luxova, A., Matouskova, J., Jiros, P., Svatoš, A., Valterova, I., & Pichova, I. (2008). A Delta(9) Desaturase from <i>Bombus lucorum</i> Males: Investigation of the Biosynthetic Pathway of Marking Pheromones. <i>ChemBiochem</i> , 9(15), 2534–2541. https://doi.org/10.1002/cbic.200800374
23	100	100			Moliterno, A. A. C., Jakus, R., Modlinger, R., Unelius, C. R., Schlyter, F., & Jirosova, A. (2023a). Field effects of oxygenated monoterpenes and estragole combined with pheromone on attraction of <i>Ips typographus</i> and its natural enemies. <i>FRONTIERS IN FORESTS AND GLOBAL CHANGE</i> , 6. https://doi.org/10.3389/ffgc.2023.1292581
24	33	33			Netherer, S., Kandasamy, D., Jirosova, A., Kalinová, B., Schebeck, M., & Schlyter, F. (2021). Interactions among Norway spruce, the bark beetle <i>Ips typographus</i> and its fungal symbionts in times of drought. <i>JOURNAL OF PEST SCIENCE</i> , 94, 591–614. https://doi.org/10.1007/s10340-021-01341-y
25	100	100			Rajarajan, R., Amit, R., Marco, K., Aleš, S., & Anna, J. (2022). Metabolome and transcriptome related dataset for pheromone biosynthesis in an aggressive forest pest <i>Ips typographus</i> . <i>DATA IN BRIEF</i> , 41, 107912. https://doi.org/https://doi.org/10.1016/j.dib.2022.107912
26	100	100			Ramakrishnan, R., Hradecky, J., Roy, A., Kalinová, B., Menezes, R. C., Synek, J., Bláha, J., Svatoš, A., & Jirosova, A. (2022). Metabolomics and transcriptomics of pheromone biosynthesis in an aggressive forest pest <i>Ips typographus</i> . <i>INSECT BIOCHEMISTRY AND MOLECULAR BIOLOGY</i> , 140. https://doi.org/10.1016/j.ibmb.2021.103680
27	10			10	Ramakrishnan, R., Roy, A., Hradecky, J., Kai, M., Harant, K., Svatoš, A., & Jirosova, A. (2024). Juvenile hormone III induction reveals key genes in general metabolism, pheromone biosynthesis, and detoxification in Eurasian spruce bark beetle. <i>FRONTIERS IN FORESTS AND GLOBAL CHANGE</i> , 6. https://doi.org/10.3389/ffgc.2023.1215813
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29	100	100			Stribská, B., Hradecky, J., Cepl, J., Modlinger, R., Tomášková, I., & Jirosova, A. (2023). Physiological and biochemical indicators in Norway spruces freshly infested by <i>Ips typographus</i> : potential for early detection methods. <i>FRONTIERS IN FORESTS AND GLOBAL CHANGE</i> , 6. https://doi.org/10.3389/ffgc.2023.1197229
30	100	100			Stribská, B., Hradecky, J., Cepl, J., Tomášková, I., Jakus, R., Modlinger, R., Netherer, S., & Jirosova, A. (2022). Forest margins provide favourable microclimatic niches to swarming bark beetles, but Norway spruce trees were not attacked by <i>Ips typographus</i> shortly after edge creation in a field experiment. <i>FOREST ECOLOGY AND MANAGEMENT</i> , 506. https://doi.org/10.1016/j.foreco.2021.119950
31	100	100			Stribská, B., Moliterno, A. A. C., Huettnernová, T., Leiner, M., Surovy, P., & Jirosova, A. (2024). Pilot Study of 3D Spatial Distribution of α-Pinene Emitted by Norway Spruce (L.) Karst Recently Infested by <i>Ips typographus</i> (L.) (Coleoptera: Scolytinae). <i>FORESTS</i> , 15. https://doi.org/10.3390/f15010010
32	5			5	Tomčala, A., Jirošová, A., Žáček, P., Kaušková, M., Hovorka, O., & Koutek, B. (2017). Species Specificity of Aldehyde and Fatty Acid Profiles of Four Family Group Representatives within the Insect Infraorder Pentatomomorpha (Hemiptera: Heteroptera). <i>Chemistry and Biodiversity</i> , 14(5). https://doi.org/10.1002/cbdv.201600420
33	1			1	Valterová, I., Kunze, J., Gumbert, A., Luxová, A., Liblík, I., Kalinová, B., & Borg-Karlson, A. K. (2007). Male bumble bee pheromonal components in the scent of deceit pollinated orchids; unrecognized pollinator cues? <i>ARTHROPOD-PLANT INTERACTIONS</i> , 1, 137–145. https://doi.org/10.1007/s11829-007-9019-y
34	10	10			Várfalvyová, A., Kalyniukova, A., Tomášková, I., Pesková, V., Pastřovic, F., Jirosova, A., Resnerová, K., Popelková, D., & Andrich, V. (2023). Sugar-based natural deep eutectic solvent ultrasound-assisted extraction for the determination of polyphenolic compounds from various botanical sources. <i>Microchemical Journal</i> , 194. https://doi.org/10.1016/j.microc.2023.109249
summary	1374	1176	105	93	