Helena A Soini

List of Publications by Year
in descending order

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28 papers	1,032 citations	394421 19 h-index	501196 28 g-index
28 all docs	28 docs citations	28 times ranked	1100 citing authors

#	Article	IF	Citations
1	Composition and compound proportions affect the response to complex chemical signals in a spiny lizard. Behavioral Ecology and Sociobiology, 2021, 75, 1.	1.4	11
2	Compounds from plantar foot sweat, nesting material, and urine show strain patterns associated with agonistic and affiliative behaviors in group housed male mice, Mus musculus. PLoS ONE, 2021, 16, e0251416.	2.5	5
3	Structural Identification, Synthesis and Biological Activity of Two Volatile Cyclic Dipeptides in a Terrestrial Vertebrate. Scientific Reports, 2020, 10, 4303.	3.3	10
4	Volatile fatty acid and aldehyde abundances evolve with behavior and habitat temperature in Sceloporus lizards. Behavioral Ecology, 2020, 31, 978-991.	2.2	21
5	Experimental evidence that symbiotic bacteria produce chemical cues in a songbird. Journal of Experimental Biology, 2019, 222, .	1.7	33
6	Beta-caryophyllene enhances wound healing through multiple routes. PLoS ONE, 2019, 14, e0216104.	2.5	60
7	Songbird chemical signals reflect uropygial gland androgen sensitivity and predict aggression: implications for the role of the periphery in chemosignaling. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2018, 204, 5-15.	1.6	25
8	Social Environment Has a Primary Influence on the Microbial and Odor Profiles of a Chemically Signaling Songbird. Frontiers in Ecology and Evolution, 2016, 4, .	2.2	45
9	Urinary volatile compounds differ across reproductive phenotypes and following aggression in male Siberian hamsters. Physiology and Behavior, 2016, 164, 58-67.	2.1	7
10	Evolutionary Interactions Between Visual and Chemical Signals: Chemosignals Compensate for the Loss of a Visual Signal in Male Sceloporus Lizards. Journal of Chemical Ecology, 2016, 42, 1164-1174.	1.8	26
11	Volatile organic compounds (VOCs) drive nutrient foraging in the clonal woodland strawberry, Fragaria vesca. Plant and Soil, 2016, 407, 261-274.	3.7	11
12	Photoperiod and aggression induce changes in ventral gland compounds exclusively in male Siberian hamsters. Hormones and Behavior, 2016, 81, 1-11.	2.1	10
13	Pheromone-induced cell proliferation in the murine subventricular zone. Biochemical Society Transactions, 2014, 42, 882-885.	3.4	8
14	Bird odour predicts reproductive success. Animal Behaviour, 2013, 86, 697-703.	1.9	61
15	Chemosignaling diversity in songbirds: Chromatographic profiling of preen oil volatiles in different species. Journal of Chromatography A, 2013, 1317, 186-192.	3.7	41
16	Investigation of Scents on Cheeks and Foreheads of Large Felines in Connection to the Facial Marking Behavior. Journal of Chemical Ecology, 2012, 38, 145-156.	1.8	21
17	Role of Testosterone in Stimulating Seasonal Changes in a Potential Avian Chemosignal. Journal of Chemical Ecology, 2011, 37, 1349-1357.	1.8	47
18	Analysis of Volatile Organic Compounds in Human Saliva by a Static Sorptive Extraction Method and Gas Chromatography-Mass Spectrometry. Journal of Chemical Ecology, 2010, 36, 1035-1042.	1.8	78

#	Article	IF	Citations
19	Songbird chemosignals: volatile compounds in preen gland secretions vary among individuals, sexes, and populations. Behavioral Ecology, 2010, 21, 608-614.	2.2	99
20	Comparison of Urinary Scents of Two Related Mouse Species, Mus spicilegus and Mus domesticus. Journal of Chemical Ecology, 2009, 35, 580-589.	1.8	30
21	Comparison of human axillary odour profiles obtained by gas chromatography/mass spectrometry and skin microbial profiles obtained by denaturing gradient gel electrophoresis using multivariate pattern recognition. Metabolomics, 2007, 3, 427-437.	3.0	43
22	In Situ Surface Sampling of Biological Objects and Preconcentration of Their Volatiles for Chromatographic Analysis. Analytical Chemistry, 2006, 78, 7161-7168.	6.5	69
23	Seasonal Variation in Volatile Compound Profiles of Preen Gland Secretions of the Dark-eyed Junco (Junco hyemalis). Journal of Chemical Ecology, 2006, 33, 183-198.	1.8	92
24	An automated method for peak detection and matching in large gas chromatography-mass spectrometry data sets. Journal of Chemometrics, 2006, 20, 325-340.	1.3	53
25	Stir Bar Sorptive Extraction: A New Quantitative and Comprehensive Sampling Technique for Determination of Chemical Signal Profiles from Biological Media. Journal of Chemical Ecology, 2005, 31, 377-392.	1.8	64
26	Comparative Investigation of the Volatile Urinary Profiles in Different Phodopus Hamster Species. Journal of Chemical Ecology, 2005, 31, 1125-1143.	1.8	30
27	Affinity capillary electrophoretic studies of complexation between dextrin oligomers and polyiodides. Electrophoresis, 2000, 21, 1513-1520.	2.4	10
28	Complexation between Amylodextrin Oligomers and Selected Pharmaceuticals Measured through Capillary Electrophoresis. Analytical Chemistry, 1998, 70, 3590-3597.	6.5	22