

Helena A Soini

List of Publications by Year in descending order

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Version: 2024-02-01

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	Songbird chemosignals: volatile compounds in preen gland secretions vary among individuals, sexes, and populations. <i>Behavioral Ecology</i> , 2010, 21, 608-614.	2.2	99
2	Seasonal Variation in Volatile Compound Profiles of Preen Gland Secretions of the Dark-eyed Junco (<i>Junco hyemalis</i>). <i>Journal of Chemical Ecology</i> , 2006, 33, 183-198.	1.8	92
3	Analysis of Volatile Organic Compounds in Human Saliva by a Static Sorptive Extraction Method and Gas Chromatography-Mass Spectrometry. <i>Journal of Chemical Ecology</i> , 2010, 36, 1035-1042.	1.8	78
4	In Situ Surface Sampling of Biological Objects and Preconcentration of Their Volatiles for Chromatographic Analysis. <i>Analytical Chemistry</i> , 2006, 78, 7161-7168.	6.5	69
5	Stir Bar Sorptive Extraction: A New Quantitative and Comprehensive Sampling Technique for Determination of Chemical Signal Profiles from Biological Media. <i>Journal of Chemical Ecology</i> , 2005, 31, 377-392.	1.8	64
6	Bird odour predicts reproductive success. <i>Animal Behaviour</i> , 2013, 86, 697-703.	1.9	61
7	Beta-caryophyllene enhances wound healing through multiple routes. <i>PLoS ONE</i> , 2019, 14, e0216104.	2.5	60
8	An automated method for peak detection and matching in large gas chromatography-mass spectrometry data sets. <i>Journal of Chemometrics</i> , 2006, 20, 325-340.	1.3	53
9	Role of Testosterone in Stimulating Seasonal Changes in a Potential Avian Chemosignal. <i>Journal of Chemical Ecology</i> , 2011, 37, 1349-1357.	1.8	47
10	Social Environment Has a Primary Influence on the Microbial and Odor Profiles of a Chemically Signaling Songbird. <i>Frontiers in Ecology and Evolution</i> , 2016, 4, .	2.2	45
11	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. <i>Metabolomics</i> , 2007, 3, 427-437.	3.0	43
12	Chemosignaling diversity in songbirds: Chromatographic profiling of preen oil volatiles in different species. <i>Journal of Chromatography A</i> , 2013, 1317, 186-192.	3.7	41
13	Experimental evidence that symbiotic bacteria produce chemical cues in a songbird. <i>Journal of Experimental Biology</i> , 2019, 222, .	1.7	33
14	Comparative Investigation of the Volatile Urinary Profiles in Different Phodopus Hamster Species. <i>Journal of Chemical Ecology</i> , 2005, 31, 1125-1143.	1.8	30
15	Comparison of Urinary Scents of Two Related Mouse Species, <i>Mus spicilegus</i> and <i>Mus domesticus</i> . <i>Journal of Chemical Ecology</i> , 2009, 35, 580-589.	1.8	30
16	Evolutionary Interactions Between Visual and Chemical Signals: Chemosignals Compensate for the Loss of a Visual Signal in Male <i>Sceloporus</i> Lizards. <i>Journal of Chemical Ecology</i> , 2016, 42, 1164-1174.	1.8	26
17	Songbird chemical signals reflect uropygial gland androgen sensitivity and predict aggression: implications for the role of the periphery in chemosignaling. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2018, 204, 5-15.	1.6	25
18	Complexation between Amylodextrin Oligomers and Selected Pharmaceuticals Measured through Capillary Electrophoresis. <i>Analytical Chemistry</i> , 1998, 70, 3590-3597.	6.5	22

#	ARTICLE	IF	CITATIONS
19	Investigation of Scents on Cheeks and Foreheads of Large Felines in Connection to the Facial Marking Behavior. <i>Journal of Chemical Ecology</i> , 2012, 38, 145-156.	1.8	21
20	Volatile fatty acid and aldehyde abundances evolve with behavior and habitat temperature in <i>Sceloporus</i> lizards. <i>Behavioral Ecology</i> , 2020, 31, 978-991.	2.2	21
21	Volatile organic compounds (VOCs) drive nutrient foraging in the clonal woodland strawberry, <i>Fragaria vesca</i> . <i>Plant and Soil</i> , 2016, 407, 261-274.	3.7	11
22	Composition and compound proportions affect the response to complex chemical signals in a spiny lizard. <i>Behavioral Ecology and Sociobiology</i> , 2021, 75, 1.	1.4	11
23	Affinity capillary electrophoretic studies of complexation between dextrin oligomers and polyiodides. <i>Electrophoresis</i> , 2000, 21, 1513-1520.	2.4	10
24	Photoperiod and aggression induce changes in ventral gland compounds exclusively in male Siberian hamsters. <i>Hormones and Behavior</i> , 2016, 81, 1-11.	2.1	10
25	Structural Identification, Synthesis and Biological Activity of Two Volatile Cyclic Dipeptides in a Terrestrial Vertebrate. <i>Scientific Reports</i> , 2020, 10, 4303.	3.3	10
26	Pheromone-induced cell proliferation in the murine subventricular zone. <i>Biochemical Society Transactions</i> , 2014, 42, 882-885.	3.4	8
27	Urinary volatile compounds differ across reproductive phenotypes and following aggression in male Siberian hamsters. <i>Physiology and Behavior</i> , 2016, 164, 58-67.	2.1	7
28	Compounds from plantar foot sweat, nesting material, and urine show strain patterns associated with agonistic and affiliative behaviors in group housed male mice, <i>Mus musculus</i> . <i>PLoS ONE</i> , 2021, 16, e0251416.	2.5	5