# Juha Pekka Salminen

List of Publications by Year
in descending order



| 179 | 7,361 | 44069 | 76900 |
|---|---|---|---|
| papers | citations | 48 h-index | 74 g-index |

| 185 | 185 | 185 | 7745 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The regulating effect of light on the content of flavan-3-ols and derivatives of hydroxybenzoic acids in the callus culture of the tea plant, Camellia sinensis L. Biochemical Systematics and Ecology, 2022, 101, 104383. | 1.3 | 7 |
| 2 | Use of agro-industrial by-products containing tannins for the integrated control of gastrointestinal nematodes in ruminants. Parasite, 2022, 29, 10. | 2.0 | 14 |
| 3 | Dietary proanthocyanidins promote localized antioxidant responses in porcine pulmonary and gastrointestinal tissues during Ascaris suum â€induced type 2 inflammation. FASEB Journal, 2022, 36, e22256. | 0.5 | 7 |
| 4 | Resistance of subspecies of Eucalyptus camaldulensis to galling by Leptocybe invasa : Could quinic acid derivatives be responsible for leaf abscission and reduced galling?. Agricultural and Forest Entomology, 2022, 24, 167-177. | 1.3 | 1 |
| 5 | Influence of the Hydrolyzable Tannin Structure on the Characteristics of Insoluble Hydrolyzable Tanninâ€“Protein Complexes. Journal of Agricultural and Food Chemistry, 2022, 70, 13036-13048. | 5.2 | 5 |
| 6 | Linking metabolites in eight bioactive forage species to their in vitro methane reduction potential across several cultivars and harvests. Scientific Reports, 2022, 12, . | 3.3 | 1 |
| 7 | Branch-Localized Induction Promotes Efficacy of Volatile Defences and Herbivore Predation in Trees. Journal of Chemical Ecology, 2021, 47, 99-111. | 1.8 | 12 |
| 8 | Identification of Tree Species by Their Defense Compounds: A Study with Leaf Buds of White and Silver Birches. Journal of Chemical Education, 2021, 98, 973-981. | 2.3 | 4 |
| 9 | Modification of Natural Proanthocyanidin Oligomers and Polymers Via Chemical Oxidation under Alkaline Conditions. ACS Omega, 2021, 6, 4726-4739. | 3.5 | 9 |
| 10 | Poplar MYB117 promotes anthocyanin synthesis and enhances flavonoid B-ring hydroxylation by up-regulating the flavonoid 3â€²,5â€²-hydroxylase gene. Journal of Experimental Botany, 2021, 72, 3864-3880. | 4.8 | 23 |
| 11 | Characterization of Natural and Alkaline-Oxidized Proanthocyanidins in Plant Extracts by Ultrahigh-Resolution UHPLC-MS/MS. Molecules, 2021, 26, 1873. | 3.8 | 13 |
| 12 | Natural Antimicrobials from Cloudberry (Rubus chamaemorus) Seeds by Sanding and Hydrothermal Extraction. ACS Food Science & Technology, 2021, 1, 917-927. | 2.7 | 9 |
| 13 | Effects of plant traits on caterpillar communities depend on host specialisation. Insect Conservation and Diversity, 2021, 14, 756-767. | 3.0 | 3 |
| 14 | Structure-function analysis of purified proanthocyanidins reveals a role for polymer size in suppressing inflammatory responses. Communications Biology, 2021, 4, 896. | 4.4 | 15 |
| 15 | Seed tannin composition of tropical plants. Phytochemistry, 2021, 187, 112750. | 2.9 | 5 |
| 16 | Large Inter- and Intraspecies Variability of Polyphenols and Proanthocyanidins in Eight Temperate Forage Species Indicates Potential for Their Exploitation as Nutraceuticals. Journal of Agricultural and Food Chemistry, 2021, 69, 12445-12455. | 5.2 | 7 |
| 17 | Condensed Tannins in White Clover (Trifolium repens) Foliar Tissues Expressing the Transcription Factor TaMYB14-1 Bind to Forage Protein and Reduce Ammonia and Methane Emissions in vitro. Frontiers in Plant Science, 2021, 12, 777354. | 3.6 | 17 |
| 18 | Sanguiin H-6 Fractionated from Cloudberry (Rubus chamaemorus) Seeds Can Prevent the Methicillin-Resistant Staphylococcus aureus Biofilm Development during Wound Infection. Antibiotics, 2021, 10, 1481. | 3.7 | 7 |

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| 19 | New approaches to tannin analysis of leaves can be used to explain in vitro biological activities associated with herbivore defence. New Phytologist, 2020, 225, 488-498. | 7.3 | 36 |
| 20 | Distribution of enzymatic and alkaline oxidative activities of phenolic compounds in plants. Phytochemistry, 2020, 179, 112501. | 2.9 | 11 |
| 21 | The Effect of Growth Medium Strength on Minimum Inhibitory Concentrations of Tannins and Tannin Extracts against E. coli. Molecules, 2020, 25, 2947. | 3.8 | 30 |
| 22 | Distribution of Protein Precipitation Capacity within Variable Proanthocyanidin Fingerprints. Molecules, 2020, 25, 5002. | 3.8 | 10 |
| 23 | Inhibition of Pneumolysin Cytotoxicity by Hydrolysable Tannins. Antibiotics, 2020, 9, 930. | 3.7 | 7 |
| 24 | Changes in Feed Proanthocyanidin Profiles during Silage Production and Digestion by Lamb. Molecules, 2020, 25, 5887. | 3.8 | 2 |
| 25 | Evolution of defense and herbivory in introduced plantsâ€"Testing enemy release using a known source population, herbivore trials, and time since introduction. Ecology and Evolution, 2020, 10, 5451-5463. | 1.9 | 7 |
| 26 | Changes in the Proanthocyanidin Composition and Related Gene Expression in Bilberry (Vaccinium) Tj ETQq0 0 0 rgBT /Overlock 10 T | 5.2 | 14 |
| 27 | Ellagitannins Inhibit the Exsheathment of Haemonchus contortus and Trichostrongylus colubriformis Larvae: The Efficiency Increases Together with the Molecular Size. Journal of Agricultural and Food Chemistry, 2020, 68, 4176-4186. | 5.2 | 21 |
| 28 | Changes in oak (Quercus robur) photosynthesis after winter moth (Operophtera brumata) herbivory are not explained by changes in chemical or structural leaf traits. PLoS ONE, 2020, 15, e0228157. | 2.5 | 8 |
| 29 | Low Concentrations of Protein- and Fiber-Bound Proanthocyanidins in Sainfoin (Onobrychis) Tj ETQq1 1 0.784314 rgBT /Overlock 10<br>Agricultural and Food Chemistry, 2020, 68, 7369-7377. | 5.2 | 1 |
| 30 | Glyphosate-based herbicide has soil-mediated effects on potato glycoalkaloids and oxidative status of a potato pest. Chemosphere, 2020, 258, 127254. | 8.2 | 13 |
| 31 | Relevance of the Concentrations and Sizes of Oligomeric Red Wine Pigments to the Color Intensity of Commercial Red Wines. Journal of Agricultural and Food Chemistry, 2020, 68, 3576-3584. | 5.2 | 13 |
| 32 | Aminomethylation of spruce tannins and their application as coagulants for water clarification. Separation and Purification Technology, 2020, 242, 116765. | 7.9 | 31 |
| 33 | Chemistry of Autumn Colors: Quantitative Spectrophotometric Analysis of Anthocyanins and Carotenoids and Qualitative Analysis of Anthocyanins by Ultra-performance Liquid Chromatographyâ€"Tandem Mass Spectrometry. Journal of Chemical Education, 2020, 97, 772-777. | 2.3 | 7 |
| 34 | Compound Specific Trends of Chemical Defences in Ficus Along an Elevational Gradient Reflect a Complex Selective Landscape. Journal of Chemical Ecology, 2020, 46, 442-454. | 1.8 | 11 |
| 35 | Fermentation quality of ensiled crimped faba beans using different additives with special attention to changes in bioactive compounds. Animal Feed Science and Technology, 2020, 265, 114497. | 2.2 | 7 |
| 36 | UPLC-PDA-Q Exactive Orbitrap-MS profiling of the lipophilic compounds product isolated from Eucalyptus viminalis plants. Heliyon, 2020, 6, e05768. | 3.2 | 7 |

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|---|---|---|---|
| 37 | A highly resolved food web for insect seed predators in a speciesâ€rich tropical forest. Ecology Letters, 2019, 22, 1638-1649. | 6.4 | 32 |
| 38 | Turnover rates of roots vary considerably across temperate forage species. Soil Biology and Biochemistry, 2019, 139, 107614. | 8.8 | 11 |
| 39 | Does Phoradendron perrottetii (mistletoe) alter polyphenols levels of Tapirira guianensis (host) Tj ETQq1 1 0.784314 rgBT /Overlock 10 | 5.8 | 7 |
| 40 | Structural Features of Hydrolyzable Tannins Determine Their Ability to Form Insoluble Complexes with Bovine Serum Albumin. Journal of Agricultural and Food Chemistry, 2019, 67, 6798-6808. | 5.2 | 27 |
| 41 | Insect community structure covaries with host plant chemistry but is not affected by prior herbivory. Ecology, 2019, 100, e02739. | 3.2 | 14 |
| 42 | Liquid chromatographyâ€“tandem mass spectrometry reveals detailed chromatographic fingerprints of anthocyanins and anthocyanin adducts in red wine. Food Chemistry, 2019, 294, 138-151. | 8.2 | 25 |
| 43 | Ellagitannins with Glucopyranose Cores Have Higher Affinities to Proteins than Acyclic Ellagitannins by Isothermal Titration Calorimetry. Journal of Agricultural and Food Chemistry, 2019, 67, 12730-12740. | 5.2 | 20 |
| 44 | Evolution of defences in large tropical plant genera: perspectives for exploring insect diversity in a tri-trophic context. Current Opinion in Insect Science, 2019, 32, 91-97. | 4.4 | 14 |
| 45 | Benefits of Condensed Tannins in Forage Legumes Fed to Ruminants: Importance of Structure, Concentration, and Diet Composition. Crop Science, 2019, 59, 861-885. | 1.8 | 154 |
| 46 | Forest diversity effects on insect herbivores: do leaf traits matter?. New Phytologist, 2019, 221, 2250-2260. | 7.3 | 62 |
| 47 | Ellagitannins from the Onagraceae Decrease the Performance of Generalist and Specialist Herbivores. Journal of Chemical Ecology, 2019, 45, 86-94. | 1.8 | 16 |
| 48 | Oxidatively Active Plant Phenolics Detected by UHPLC-DAD-MS after Enzymatic and Alkaline Oxidation. Journal of Chemical Ecology, 2018, 44, 483-496. | 1.8 | 16 |
| 49 | Functional compartmentalisation of nutrients and phenolics in the tissues of galls induced by Leptocybe invasa (Hymenoptera: Eulophidae) on <scp>Eucalyptus camaldulensis</scp> (Myrtaceae). Austral Entomology, 2018, 57, 238-246. | 1.4 | 38 |
| 50 | Yellow, red, dead: the nutritional consequences for Cardiaspina densitexta (Hemiptera: Aphalaridae) nymphs of inducing senescence in old Eucalyptus fasciculosa leaves. Austral Entomology, 2018, 57, 265-278. | 1.4 | 7 |
| 51 | Phytochemical analysis of salal berry ( Gaultheria shallon Pursh.), a traditionally-consumed fruit from western North America with exceptionally high proanthocyanidin content. Phytochemistry, 2018, 147, 203-210. | 2.9 | 13 |
| 52 | Variability in Foliar Ellagitannins of HippophaÃ« rhamnoides L. and Identification of a New Ellagitannin, Hippophaenin C. Journal of Agricultural and Food Chemistry, 2018, 66, 613-620. | 5.2 | 20 |
| 53 | Metabolism of <sup>14</sup>Câ€labelled pentagalloylglucose by Epirrita autumnata and Agriopis aurantiaria (Lepidoptera: Geometridae) and implications for the nutrition of geometrid defoliators. Austral Entomology, 2018, 57, 255-264. | 1.4 | 5 |
| 54 | Seed polyphenols in a diverse tropical plant community. Journal of Ecology, 2018, 106, 87-100. | 4.0 | 22 |

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|---|---|---|---|
| 55 | Transcriptome and defence response in <scp>Eucalyptus camaldulensis</scp> leaves to feeding by Glycaspis brimblecombei Moore (Hemiptera: Aphalaridae): a stealthy psyllid does not go unnoticed. Austral Entomology, 2018, 57, 247-254. | 1.4 | 23 |
| 56 | Community structure of insect herbivores is driven by conservatism, escalation and divergence of defensive traits in Ficus. Ecology Letters, 2018, 21, 83-92. | 6.4 | 80 |
| 57 | Experimental manipulation of dietary arsenic levels in great tit nestlings: Accumulation pattern and effects on growth, survival and plasma biochemistry. Environmental Pollution, 2018, 233, 764-773. | 7.5 | 24 |
| 58 | Isolation of chemically well-defined semipreparative liquid chromatography fractions from complex mixtures of proanthocyanidin oligomers and polymers. Journal of Chromatography A, 2018, 1576, 67-79. | 3.7 | 20 |
| 59 | Testing for latitudinal gradients in defense at the macroevolutionary scale. Evolution; International Journal of Organic Evolution, 2018, 72, 2129-2143. | 2.3 | 15 |
| 60 | Two-Dimensional Tannin Fingerprints by Liquid Chromatography Tandem Mass Spectrometry Offer a New Dimension to Plant Tannin Analyses and Help To Visualize the Tannin Diversity in Plants. Journal of Agricultural and Food Chemistry, 2018, 66, 9162-9171. | 5.2 | 43 |
| 61 | Glyphosate decreases mycorrhizal colonization and affects plant-soil feedback. Science of the Total Environment, 2018, 642, 285-291. | 8.0 | 87 |
| 62 | Vitamin profiles in two free-living passerine birds under a metal pollution gradient â€“ A calcium supplementation experiment. Ecotoxicology and Environmental Safety, 2017, 138, 242-252. | 6.0 | 12 |
| 63 | Responses of plant phenology, growth, defense, and reproduction to interactive effects of warming and insect herbivory. Ecology, 2017, 98, 1817-1828. | 3.2 | 34 |
| 64 | Variability in the production of tannins and other polyphenols in cell cultures of 12 Nordic plant species. Planta, 2017, 246, 227-241. | 3.2 | 36 |
| 65 | Hydrolyzable Tannins, Flavonol Glycosides, and Phenolic Acids Show Seasonal and Ontogenic Variation in Geranium sylvaticum. Journal of Agricultural and Food Chemistry, 2017, 65, 6387-6403. | 5.2 | 19 |
| 66 | In vitro fermentation of browse species using goat rumen fluid in relation to browse polyphenol content and composition. Animal Feed Science and Technology, 2017, 231, 1-11. | 2.2 | 8 |
| 67 | Poplar MYB115 and MYB134 Transcription Factors Regulate Proanthocyanidin Synthesis and Structure. Plant Physiology, 2017, 174, 154-171. | 4.8 | 122 |
| 68 | Hydrolysable tannin-based diet rich in gallotannins has a minimal impact on pig performance but significantly reduces salivary and bulbourethral gland size. Animal, 2017, 11, 1617-1625. | 3.3 | 28 |
| 69 | The in vitro anthelmintic properties of browse plant species against Haemonchus contortus is determined by the polyphenol content and composition. Veterinary Parasitology, 2017, 237, 110-116. | 1.8 | 42 |
| 70 | Genus-wide variation in foliar polyphenolics in eucalypts. Phytochemistry, 2017, 144, 197-207. | 2.9 | 22 |
| 71 | Genetic variation of a foundation rockweed species affects associated communities. Ecology, 2017, 98, 2940-2951. | 3.2 | 6 |
| 72 | Variably hungry caterpillars: predictive models and foliar chemistry suggest how to eat a rainforest. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20171803. | 2.6 | 25 |

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|---|---|---|---|
| 73 | Inter-population and inter-organ distribution of the main polyphenolic compounds of Epilobium angustifolium. Phytochemistry, 2017, 134, 54-63. | 2.9 | 29 |
| 74 | Effects of eucalypt nutritional quality on the <scp>B</scp>og gumâ€<scp>V</scp>ictorian metapopulation of <scp>C</scp>tenarytaina bipartita and implications for host and range expansion. Ecological Entomology, 2016, 41, 211-225. | 2.2 | 13 |
| 75 | Drought Effects on Proanthocyanidins in Sainfoin (Onobrychis viciifolia Scop.) Are Dependent on the Plantâ€™s Ontogenetic Stage. Journal of Agricultural and Food Chemistry, 2016, 64, 9307-9316. | 5.2 | 39 |
| 76 | Effects of dietary lead exposure on vitamin levels in great tit nestlings â€“ An experimental manipulation. Environmental Pollution, 2016, 213, 688-697. | 7.5 | 19 |
| 77 | A study of the structure-activity relationship of oligomeric ellagitannins on ruminal fermentation in vitro. Journal of Dairy Science, 2016, 99, 8041-8052. | 3.4 | 28 |
| 78 | Impacts of simulated drought stress and artificial damage on concentrations of flavonoids in Jatropha curcas (L.), a biofuel shrub. Journal of Plant Research, 2016, 129, 1141-1150. | 2.4 | 11 |
| 79 | The Oxidative Activity of Ellagitannins Dictates Their Tendency To Form Highly Stabilized Complexes with Bovine Serum Albumin at Increased pH. Journal of Agricultural and Food Chemistry, 2016, 64, 8994-9003. | 5.2 | 22 |
| 80 | Effects of experimental calcium availability and anthropogenic metal pollution on eggshell characteristics and yolk carotenoid and vitamin levels in two passerine birds. Chemosphere, 2016, 151, 189-201. | 8.2 | 24 |
| 81 | Biological activity of ellagitannins: Effects as anti-oxidants, pro-oxidants and metal chelators. Phytochemistry, 2016, 125, 65-72. | 2.9 | 46 |
| 82 | Chemical Structures of Plant Hydrolyzable Tannins Reveal Their in Vitro Activity against Egg Hatching and Motility of Haemonchus contortus Nematodes. Journal of Agricultural and Food Chemistry, 2016, 64, 840-851. | 5.2 | 77 |
| 83 | Can genetically based clines in plant defence explain greaterÂherbivory at higher latitudes?. Ecology Letters, 2015, 18, 1376-1386. | 6.4 | 56 |
| 84 | Sylvatiins, acetylglucosylated hydrolysable tannins from the petals of Geranium sylvaticum show co-pigment effect. Phytochemistry, 2015, 115, 239-251. | 2.9 | 15 |
| 85 | Proanthocyanidins and Their Contribution to Sensory Attributes of Black Currant Juices. Journal of Agricultural and Food Chemistry, 2015, 63, 5373-5380. | 5.2 | 24 |
| 86 | Rapid Fingerprint Analysis of Plant Extracts for Ellagitannins, Gallic Acid, and Quinic Acid Derivatives and Quercetin-, Kaempferol- and Myricetin-Based Flavonol Glycosides by UPLC-QqQ-MS/MS. Journal of Agricultural and Food Chemistry, 2015, 63, 4068-4079. | 5.2 | 86 |
| 87 | Distribution and content of ellagitannins in Finnish plant species. Phytochemistry, 2015, 116, 188-197. | 2.9 | 51 |
| 88 | Isolation, characterisation and quantification of the main oligomeric macrocyclic ellagitannins in Epilobium angustifolium by ultra-high performance chromatography with diode array detection and electrospray tandem mass spectrometry. Journal of Chromatography A, 2015, 1419, 26-36. | 3.7 | 47 |
| 89 | Phenolic Compounds and Their Fates In Tropical Lepidopteran Larvae: Modifications In Alkaline Conditions. Journal of Chemical Ecology, 2015, 41, 822-836. | 1.8 | 11 |
| 90 | Binding of an Oligomeric Ellagitannin Series to Bovine Serum Albumin (BSA): Analysis by Isothermal Titration Calorimetry (ITC). Journal of Agricultural and Food Chemistry, 2015, 63, 10647-10654. | 5.2 | 68 |

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|---|---|---|---|
| 91 | Large Variability of Proanthocyanidin Content and Composition in Sainfoin (Onobrychis) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T | 5.2 | 64 |
| 92 | In Vitro Antioxidant Activity and Phenolic Content of Cedrus brevifolia Bark. Natural Product Communications, 2014, 9, 1934578X1400900. | 0.5 | 7 |
| 93 | Macroevolution of plant defenses against herbivores in the evening primroses. New Phytologist, 2014, 203, 267-279. | 7.3 | 61 |
| 94 | Chemical-Sensory Characteristics and Consumer Responses of Blackcurrant Juices Produced by Different Industrial Processes. Food and Bioprocess Technology, 2014, 7, 2877-2888. | 4.7 | 33 |
| 95 | Rapid estimation of the oxidative activities of individual phenolics in crude plant extracts. Phytochemistry, 2014, 103, 76-84. | 2.9 | 21 |
| 96 | Effects of three yearsâ€™ increase in density of the geometrid Epirrita autumnata on the change in metabolome of mountain birch trees (Betula pubescens ssp. czerepanovii). Chemoecology, 2014, 24, 201-214. | 1.1 | 8 |
| 97 | Rapid profiling of phenolic compounds of green and fermented Bergenia crassifolia L. leaves by UPLC-DAD-QqQ-MS and HPLC-DAD-ESI-QTOF-MS. Natural Product Research, 2014, 28, 1530-1533. | 1.8 | 8 |
| 98 | Rapid Qualitative and Quantitative Analyses of Proanthocyanidin Oligomers and Polymers by UPLC-MS/MS. Journal of Agricultural and Food Chemistry, 2014, 62, 3390-3399. | 5.2 | 113 |
| 99 | Size and Molecular Flexibility Affect the Binding of Ellagitannins to Bovine Serum Albumin. Journal of Agricultural and Food Chemistry, 2014, 62, 9186-9194. | 5.2 | 51 |
| 100 | Simultaneous inbreeding modifies inbreeding depression in a plantâ€“herbivore interaction. Ecology Letters, 2014, 17, 229-238. | 6.4 | 18 |
| 101 | Polyphenols in Strawberry (Fragaria Ã— ananassa) Leaves Induced by Plant Activators. Journal of Agricultural and Food Chemistry, 2014, 62, 4592-4600. | 5.2 | 55 |
| 102 | Characterization of bioactive plant ellagitannins by chromatographic, spectroscopic and mass spectrometric methods. Chemoecology, 2013, 23, 165-179. | 1.1 | 78 |
| 103 | Physiological benefits of feeding in the spring by Lymantria dispar caterpillars on red oak and sugar maple leaves: nutrition versus oxidative stress. Chemoecology, 2013, 23, 59-70. | 1.1 | 18 |
| 104 | In Vitro Study on the Antioxidant Activity of a Polyphenol-Rich Extract from Pinus brutia Bark and Its Fractions. Journal of Medicinal Food, 2013, 16, 984-991. | 1.5 | 27 |
| 105 | Defensive strategies in Geranium sylvaticum. Part 1: Organ-specific distribution of water-soluble tannins, flavonoids and phenolic acids. Phytochemistry, 2013, 95, 394-407. | 2.9 | 48 |
| 106 | Leaf herbivory increases plant fitness via induced resistance to seed predators. Ecology, 2013, 94, 966-975. | 3.2 | 62 |
| 107 | Oxidative status in nestlings of three small passerine species exposed to metal pollution. Science of the Total Environment, 2013, 454-455, 466-473. | 8.0 | 46 |
| 108 | Ellagitannins: defences of Betula nana against Epirrita autumnata folivory?. Agricultural and Forest Entomology, 2013, 15, 187-196. | 1.3 | 6 |

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|---|---|---|---|
| 109 | Antioxidant Activity of Isolated Ellagitannins from Red Raspberries and Cloudberries. Journal of Agricultural and Food Chemistry, 2012, 60, 1167-1174. | 5.2 | 96 |
| 110 | The effects of simulated acid rain and heavy metal pollution on the mountain birchâ€“autumnal moth interaction. Chemoecology, 2012, 22, 251-262. | 1.1 | 3 |
| 111 | Genetic and Environmental Factors Behind Foliar Chemistry of the Mature Mountain Birch. Journal of Chemical Ecology, 2012, 38, 902-913. | 1.8 | 8 |
| 112 | Evolutionary Potential of Root Chemical Defense: Genetic Correlations with Shoot Chemistry and Plant Growth. Journal of Chemical Ecology, 2012, 38, 992-995. | 1.8 | 22 |
| 113 | Phenolic Compounds of the Inner Bark of Betula pendula: Seasonal and Genetic Variation and Induction by Wounding. Journal of Chemical Ecology, 2012, 38, 1410-1418. | 1.8 | 19 |
| 114 | Analysis of Hydrolyzable Tannins and Other Phenolic Compounds in Emblic Leafflower (Phyllanthus emblica L.) Fruits by High Performance Liquid Chromatographyâ€“Electrospray Ionization Mass Spectrometry. Journal of Agricultural and Food Chemistry, 2012, 60, 8672-8683. | 5.2 | 90 |
| 115 | Insect Herbivores Drive Real-Time Ecological and Evolutionary Change in Plant Populations. Science, 2012, 338, 113-116. | 12.6 | 389 |
| 116 | Precipitation of proteins by tannins: effects of concentration, protein/tannin ratio and pH. International Journal of Food Science and Technology, 2012, 47, 875-878. | 2.7 | 50 |
| 117 | Rapid induced resistance of silver birch affects both innate immunity and performance of gypsy moths: the role of plant chemical defenses. Arthropod-Plant Interactions, 2012, 6, 507-518. | 1.1 | 23 |
| 118 | Characterization of phenolic compounds from inner bark of Betula pendula. Holzforschung, 2012, 66, 171-181. | 1.9 | 32 |
| 119 | Plasma carotenoid levels are not directly related to heavy metal exposure or reproductive success in three insectivorous passerines. Environmental Toxicology and Chemistry, 2012, 31, 1363-1369. | 4.3 | 15 |
| 120 | The Effects of Defoliation-Induced Delayed Changes in Silver Birch Foliar Chemistry on Gypsy Moth Fitness, Immune Response, and Resistance to Baculovirus Infection. Journal of Chemical Ecology, 2012, 38, 295-305. | 1.8 | 23 |
| 121 | Flavonoid Metabolites in the Hemolymph of European Pine Sawfly (Neodiprion sertifer) Larvae. Journal of Chemical Ecology, 2012, 38, 538-546. | 1.8 | 5 |
| 122 | Plant Chemistry and Local Adaptation of a Specialized Folivore. PLoS ONE, 2012, 7, e38225. | 2.5 | 17 |
| 123 | Metal pollution indirectly increases oxidative stress in great tit (Parus major) nestlings. Environmental Research, 2011, 111, 362-370. | 7.5 | 81 |
| 124 | Chemical ecology of tannins and other phenolics: we need a change in approach. Functional Ecology, 2011, 25, 325-338. | 3.6 | 385 |
| 125 | Simple solution for a complex problem: Proanthocyanidins, galloyl glucoses and ellagitannins fit on a single calibration curve in high performance-gel permeation chromatography. Journal of Chromatography A, 2011, 1218, 7804-7812. | 3.7 | 14 |
| 126 | Geographical trends in the yolk carotenoid composition of the pied flycatcher (Ficedula hypoleuca). Oecologia, 2011, 165, 277-287. | 2.0 | 15 |

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| 127 | Chemical Ecology of Tannins: Recent Developments in Tannin Chemistry Reveal New Structures and Structureâ€“Activity Patterns. Chemistry - A European Journal, 2011, 17, 2806-2816. | 3.3 | 62 |
| 128 | Geographical Variation in Egg Mass and Egg Content in a Passerine Bird. PLoS ONE, 2011, 6, e25360. | 2.5 | 29 |
| 129 | Feeding on poplar leaves by caterpillars potentiates foliar peroxidase action in their guts and increases plant resistance. Oecologia, 2010, 164, 993-1004. | 2.0 | 56 |
| 130 | Carotenoid Composition of Invertebrates Consumed by Two Insectivorous Bird Species. Journal of Chemical Ecology, 2010, 36, 608-613. | 1.8 | 66 |
| 131 | New Types of Flavonol Oligoglycosides Accumulate in the Hemolymph of Birch-Feeding Sawfly Larvae. Journal of Chemical Ecology, 2010, 36, 864-872. | 1.8 | 9 |
| 132 | Fluctuating asymmetry in great tit nestlings in relation to diet quality, calcium availability and pollution exposure. Science of the Total Environment, 2010, 408, 3303-3309. | 8.0 | 24 |
| 133 | First evidence of hexameric and heptameric ellagitannins in plants detected by liquid chromatography/electrospray ionisation mass spectrometry. Rapid Communications in Mass Spectrometry, 2010, 24, 3151-3156. | 1.5 | 38 |
| 134 | Herbivory enhances positive effects of plant genotypic diversity. Ecology Letters, 2010, 13, 553-563. | 6.4 | 57 |
| 135 | Associations of plant fitness, leaf chemistry, and damage suggest selection mosaic in plantâ€“herbivore interactions. Ecology, 2010, 91, 2650-2659. | 3.2 | 41 |
| 136 | Hydrolyzable tannins as â€œquantitative defensesâ€: Limited impact against Lymantria dispar caterpillars on hybrid poplar. Journal of Insect Physiology, 2009, 55, 297-304. | 2.0 | 71 |
| 137 | Tree resistance to LymantriaÂdispar caterpillars: importance and limitations of foliar tannin composition. Oecologia, 2009, 159, 777-788. | 2.0 | 55 |
| 138 | A tree in the jaws of a moth â€“ temporal variation in oak leaf quality and leafâ€chewer performance. Oikos, 2009, 118, 1212-1218. | 2.7 | 16 |
| 139 | The effects of diet quality and quantity on plumage colour and growth of great tit Parus major nestlings: a food manipulation experiment along a pollution gradient. Journal of Avian Biology, 2009, 40, 491-499. | 1.2 | 66 |
| 140 | PHYLOGENETIC TRENDS IN PHENOLIC METABOLISM OF MILKWEEDS (ASCLEPIAS): EVIDENCE FOR ESCALATION. Evolution; International Journal of Organic Evolution, 2009, 63, 663-673. | 2.3 | 107 |
| 141 | Heritability, covariation and natural selection on 24 traits of common evening primrose (Oenothera biennis) from a field experiment. Journal of Evolutionary Biology, 2009, 22, 1295-1307. | 1.7 | 108 |
| 142 | Phylogenetic ecology of leaf surface traits in the milkweeds (Asclepias spp.): chemistry, ecophysiology, and insect behavior. New Phytologist, 2009, 183, 848-867. | 7.3 | 116 |
| 143 | Breeding success and lutein availability in great tit (Parus major). Acta Oecologica, 2009, 35, 805-810. | 1.1 | 18 |
| 144 | Oxidation of Ingested Phenolics in the Tree-Feeding Caterpillar Orgyia leucostigma Depends on Foliar Chemical Composition. Journal of Chemical Ecology, 2008, 34, 748-756. | 1.8 | 45 |

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