

# Jon Agren

## List of Publications by Citations

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g-index

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ext. papers

8,499  
ext. citations

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avg, IF

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L-index

| #   | Paper  | IF   | Citations |
|-----|--|------|-----------|
| 147 | Rapid regulation of light harvesting and plant fitness in the field. <i>Science</i> , <b>2002</b> , 297, 91-3  | 33.3 | 457       |
| 146 | Population Size, Pollinator Limitation, and Seed Set in the Self- Incompatible Herb <i>Lythrum Salicaria</i> . <i>Ecology</i> , <b>1996</b> , 77, 1779-1790  | 4.6  | 364       |
| 145 | POLLINATION SUCCESS IN A DECEPTIVE ORCHID IS ENHANCED BY CO-OCCURRING REWARDING MAGNET PLANTS. <i>Ecology</i> , <b>2003</b> , 84, 2919-2927  | 4.6  | 276       |
| 144 | The scale of population structure in <i>Arabidopsis thaliana</i> . <i>PLoS Genetics</i> , <b>2010</b> , 6, e1000843  | 6    | 251       |
| 143 | Reciprocal transplants demonstrate strong adaptive differentiation of the model organism <i>Arabidopsis thaliana</i> in its native range. <i>New Phytologist</i> , <b>2012</b> , 194, 1112-1122                      | 9.8  | 210       |
| 142 | Latitudinal population differentiation in phenology, life history and flower morphology in the perennial herb <i>Lythrum salicaria</i> . <i>Journal of Evolutionary Biology</i> , <b>2002</b> , 15, 983-996          | 2.3  | 191       |
| 141 | The cost of defense against herbivores: an experimental study of trichome production in <i>Brassica rapa</i> . <i>American Naturalist</i> , <b>1993</b> , 141, 338-50  | 3.7  | 143       |
| 140 | Variation in trichome density and resistance against a specialist insect herbivore in natural populations of <i>Arabidopsis thaliana</i> . <i>Ecological Entomology</i> , <b>2005</b> , 30, 284-292                  | 2.1  | 140       |
| 139 | Pollinator-mediated selection on floral display and flowering time in the perennial herb <i>Arabidopsis lyrata</i> . <i>Evolution; International Journal of Organic Evolution</i> , <b>2009</b> , 63, 1292-300       | 3.8  | 137       |
| 138 | OUTCROSSING RATE AND INBREEDING DEPRESSION IN TWO ANNUAL MONOECIOUS HERBS, <i>BEGONIA HIRSUTA</i> AND <i>B. SEMIOVATA</i> . <i>Evolution; International Journal of Organic Evolution</i> , <b>1993</b> , 47, 125-135 | 3.8  | 134       |
| 137 | The effects of nectar addition on pollen removal and geitonogamy in the non-rewarding orchid <i>Anacamptis morio</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2004</b> , 271, 803-9     | 4.4  | 120       |
| 136 | Pollinator visitation, stigmatic pollen loads and among-population variation in seed set in <i>Lythrum salicaria</i> . <i>Journal of Ecology</i> , <b>2004</b> , 92, 512-526   | 6    | 119       |
| 135 | Genetic mapping of adaptation reveals fitness tradeoffs in <i>Arabidopsis thaliana</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 21077-82        | 11.5 | 118       |
| 134 | ASSOCIATIONAL RESISTANCE: INSECT DAMAGE TO PURPLE LOOSESTRIFE REDUCED IN THICKETS OF SWEET GALE. <i>Ecology</i> , <b>2000</b> , 81, 1784-1794  | 4.6  | 114       |
| 133 | Sexual Differences in Biomass and Nutrient Allocation in the Dioecious <i>Rubus Chamaemorus</i> . <i>Ecology</i> , <b>1988</b> , 69, 962-973   | 4.6  | 114       |
| 132 | Outcrossing Rate and Inbreeding Depression in Two Annual Monoecious Herbs, <i>Begonia hirsuta</i> and <i>B. semiovata</i> . <i>Evolution; International Journal of Organic Evolution</i> , <b>1993</b> , 47, 125     | 3.8  | 110       |
| 131 | Pollinator-mediated selection on floral display, spur length and flowering phenology in the deceptive orchid <i>Dactylorhiza lapponica</i> . <i>New Phytologist</i> , <b>2010</b> , 188, 385-92                      | 9.8  | 98        |

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|-----|---|------|----|
| 130 | Pollinator shifts and the evolution of spur length in the moth-pollinated orchid <i>Platanthera bifolia</i> . <i>Annals of Botany</i> , <b>2014</b> , 113, 267-75   | 4.1  | 95 |
| 129 | Pollination by deceit, floral sex ratios and seed set in dioecious <i>Rubus chamaemorus</i> L. <i>Oecologia</i> , <b>1986</b> , 70, 332-338   | 2.9  | 89 |
| 128 | Pollen limitation, seed predation and scape length in <i>Primula farinosa</i> . <i>Oikos</i> , <b>2002</b> , 97, 45-51  | 4    | 81 |
| 127 | Population size, pollinator visitation and fruit production in the deceptive orchid <i>Calypso bulbosa</i> . <i>Oecologia</i> , <b>1996</b> , 107, 533-540  | 2.9  | 77 |
| 126 | Sexual Dimorphism and Biotic Interactions <b>1999</b> , 217-246   |      | 76 |
| 125 | Evolution of Trichome Number in a Naturalized Population of <i>Brassica rapa</i> . <i>American Naturalist</i> , <b>1994</b> , 143, 1-13   | 3.7  | 76 |
| 124 | DECEIT POLLINATION AND SELECTION ON FEMALE FLOWER SIZE IN <i>BEGONIA INVOLUCRATA</i> : AN EXPERIMENTAL APPROACH. <i>Evolution; International Journal of Organic Evolution</i> , <b>1995</b> , 49, 207-214   | 3.8  | 76 |
| 123 | Pollinator-Mediated Selection on Floral Display and Spur Length in the Orchid <i>Gymnadenia conopsea</i> . <i>International Journal of Plant Sciences</i> , <b>2010</b> , 171, 999-1009   | 2.6  | 72 |
| 122 | Gene, phenotype and function: <i>GLABROUS1</i> and resistance to herbivory in natural populations of <i>Arabidopsis lyrata</i> . <i>Molecular Ecology</i> , <b>2007</b> , 16, 453-62  | 5.7  | 72 |
| 121 | QTL mapping of freezing tolerance: links to fitness and adaptive trade-offs. <i>Molecular Ecology</i> , <b>2014</b> , 23, 4304-15   | 5.7  | 70 |
| 120 | Selection on flowering time and floral display in an alpine and a lowland population of <i>Arabidopsis lyrata</i> . <i>Journal of Evolutionary Biology</i> , <b>2007</b> , 20, 558-67   | 2.3  | 69 |
| 119 | Early life stages contribute strongly to local adaptation in <i>Arabidopsis thaliana</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 7590-5                                     | 11.5 | 68 |
| 118 | Leaf Trichome Formation and Plant Resistance to Herbivory <b>2008</b> , 89-105  |      | 67 |
| 117 | Differential Floral Rewards and Pollination by Deceit in Unisexual Flowers. <i>Oikos</i> , <b>1989</b> , 55, 23   | 4    | 65 |
| 116 | Seed Size and Number in <i>Rubus Chamaemorus</i> : Between-Habitat Variation, and Effects of Defoliation and Supplemental Pollination. <i>Journal of Ecology</i> , <b>1989</b> , 77, 1080   | 6    | 64 |
| 115 | Root microbiota assembly and adaptive differentiation among European <i>Arabidopsis</i> populations. <i>Nature Ecology and Evolution</i> , <b>2020</b> , 4, 122-131   | 12.3 | 64 |
| 114 | Mutualists and antagonists drive among-population variation in selection and evolution of floral display in a perennial herb. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 18202-7 | 11.5 | 63 |
| 113 | Age and Size Structure of <i>Pinus Sylvestris</i> Populations on Mires in Central and Northern Sweden. <i>Journal of Ecology</i> , <b>1990</b> , 78, 1049   | 6    | 63 |

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|-----|---|-----|----|
| 112 | Improper excess light energy dissipation in Arabidopsis results in a metabolic reprogramming. <i>BMC Plant Biology</i> , <b>2009</b> , 9, 12  | 5.3 | 62 |
| 111 | Flowering time QTL in natural populations of Arabidopsis thaliana and implications for their adaptive value. <i>Molecular Ecology</i> , <b>2014</b> , 23, 4291-303                              | 5.7 | 61 |
| 110 | Between-year variation in flowering and fruit set in frost-prone and frost-sheltered populations of dioecious Rubus chamaemorus. <i>Oecologia</i> , <b>1988</b> , 76, 175-183                   | 2.9 | 60 |
| 109 | Trichome production and spatiotemporal variation in herbivory in the perennial herb Arabidopsis lyrata. <i>Oikos</i> , <b>2007</b> , 116, 134-142   | 4   | 59 |
| 108 | Deceit Pollination and Selection on Female Flower Size in Begonia involucrata: An Experimental Approach. <i>Evolution; International Journal of Organic Evolution</i> , <b>1995</b> , 49, 207   | 3.8 | 59 |
| 107 | Local adaptation in European populations of Arabidopsis lyrata (Brassicaceae). <i>American Journal of Botany</i> , <b>2009</b> , 96, 1129-37  | 2.7 | 56 |
| 106 | Floral sex ratios, disease and seed set in dioecious Silene dioica. <i>Journal of Ecology</i> , <b>1998</b> , 86, 79-91   | 6   | 56 |
| 105 | Cost of trichome production and resistance to a specialist insect herbivore in Arabidopsis lyrata. <i>Evolutionary Ecology</i> , <b>2010</b> , 24, 1307-1319                                    | 1.8 | 54 |
| 104 | Additive effects of pollinators and herbivores result in both conflicting and reinforcing selection on floral traits. <i>Ecology</i> , <b>2015</b> , 96, 214-21                                 | 4.6 | 52 |
| 103 | Floral morphology and reproductive success in the orchid Epipactis helleborine: regional and local across-habitat variation. <i>Plant Systematics and Evolution</i> , <b>2002</b> , 236, 19-32  | 1.3 | 52 |
| 102 | Spatial variation in pollinator-mediated selection on phenology, floral display and spur length in the orchid Gymnadenia conopsea. <i>New Phytologist</i> , <b>2015</b> , 208, 1264-75          | 9.8 | 49 |
| 101 | Cost of Seed Production in the Perennial Herbs Geranium maculatum and G. sylvaticum: An Experimental Field Study. <i>Oikos</i> , <b>1994</b> , 70, 35   | 4   | 49 |
| 100 | Pollination by Deceit in a Neotropical Monoecious Herb, Begonia involucrata. <i>Biotropica</i> , <b>1991</b> , 23, 235  | 2.3 | 49 |
| 99  | Spatio-temporal variation in fruit production and seed predation in a perennial herb influenced by habitat quality and population size. <i>Journal of Ecology</i> , <b>2008</b> , 96, 334-345   | 6   | 48 |
| 98  | POPULATION STRUCTURE IN ARABIDOPSIS LYRATA: EVIDENCE FOR DIVERGENT SELECTION ON TRICHOME PRODUCTION. <i>Evolution; International Journal of Organic Evolution</i> , <b>2004</b> , 58, 2831-2836 | 3.8 | 48 |
| 97  | Intersexual differences in phenology and damage by herbivores and pathogens in dioecious Rubus chamaemorus L. <i>Oecologia</i> , <b>1987</b> , 72, 161-169                                      | 2.9 | 48 |
| 96  | SEX ALLOCATION IN THE MONOECIOUS HERB BEGONIA SEMIOVATA. <i>Evolution; International Journal of Organic Evolution</i> , <b>1995</b> , 49, 121-130   | 3.8 | 47 |
| 95  | Maternal environment affects the genetic basis of seed dormancy in Arabidopsis thaliana. <i>Molecular Ecology</i> , <b>2015</b> , 24, 785-97  | 5.7 | 45 |

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|----|---|-----|----|
| 94 | GENDER VARIATION AND SEXUAL DIFFERENCES IN REPRODUCTIVE CHARACTERS AND SEED PRODUCTION IN GYNODIOECIOUS GERANIUM MACULATUM <b>1991</b> , 78, 470  |     | 45 |
| 93 | Strong pollinator-mediated selection for increased flower brightness and contrast in a deceptive orchid. <i>Evolution; International Journal of Organic Evolution</i> , <b>2016</b> , 70, 716-24                                  | 3.8 | 45 |
| 92 | Adaptive divergence in flowering time among natural populations of <i>Arabidopsis thaliana</i> : Estimates of selection and QTL mapping. <i>Evolution; International Journal of Organic Evolution</i> , <b>2017</b> , 71, 550-564 | 3.8 | 44 |
| 91 | Despite their apparent integration, spur length but not perianth size affects reproductive success in the moth-pollinated orchid <i>Platanthera bifolia</i> . <i>Functional Ecology</i> , <b>2009</b> , 23, 1022-1028             | 5.6 | 44 |
| 90 | Interaction intensity and pollinator-mediated selection. <i>New Phytologist</i> , <b>2017</b> , 214, 1381-1389  | 9.8 | 42 |
| 89 | Cryptic population genetic structure: the number of inferred clusters depends on sample size. <i>Molecular Ecology Resources</i> , <b>2010</b> , 10, 314-23   | 8.4 | 42 |
| 88 | GENDER VARIATION AND SEXUAL DIFFERENCES IN REPRODUCTIVE CHARACTERS AND SEED PRODUCTION IN GYNODIOECIOUS GERANIUM MACULATUM. <i>American Journal of Botany</i> , <b>1991</b> , 78, 470-480   | 2.7 | 41 |
| 87 | Non-linear relationship between intensity of plant-animal interactions and selection strength. <i>Ecology Letters</i> , <b>2013</b> , 16, 198-205   | 10  | 40 |
| 86 | There is more to pollinator-mediated selection than pollen limitation. <i>Evolution; International Journal of Organic Evolution</i> , <b>2014</b> , 68, 1907-18   | 3.8 | 39 |
| 85 | Strong inbreeding depression and local outbreeding depression in the rewarding orchid <i>Gymnadenia conopsea</i> . <i>Conservation Genetics</i> , <b>2012</b> , 13, 1305-1315   | 2.6 | 39 |
| 84 | Population size, female fecundity, and sex ratio variation in gynodioecious <i>Plantago maritima</i> . <i>Journal of Evolutionary Biology</i> , <b>2006</b> , 19, 825-33  | 2.3 | 39 |
| 83 | Selection on floral display in insect-pollinated <i>Primula farinosa</i> : effects of vegetation height and litter accumulation. <i>Oecologia</i> , <b>2006</b> , 150, 225-32   | 2.9 | 39 |
| 82 | Genetic basis of trichome production in <i>Arabidopsis lyrata</i> . <i>Hereditas</i> , <b>2002</b> , 136, 219-26  | 2.4 | 39 |
| 81 | Climate-dependent costs of reproduction: survival and fecundity costs decline with length of the growing season and summer temperature. <i>Ecology Letters</i> , <b>2015</b> , 18, 357-64   | 10  | 38 |
| 80 | Variation in tolerance to drought among Scandinavian populations of <i>Arabidopsis lyrata</i> . <i>Evolutionary Ecology</i> , <b>2012</b> , 26, 559-577   | 1.8 | 38 |
| 79 | Determinants of seed production in <i>Geranium maculatum</i> . <i>Oecologia</i> , <b>1992</b> , 92, 177-182   | 2.9 | 38 |
| 78 | Nonadditive effects of floral display and spur length on reproductive success in a deceptive orchid. <i>Ecology</i> , <b>2011</b> , 92, 2167-74   | 4.6 | 36 |
| 77 | Artificial selection on trichome number in <i>Brassica rapa</i> . <i>Theoretical and Applied Genetics</i> , <b>1992</b> , 83, 673-86  |     | 36 |

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|----|--|------|----|
| 76 | Heterosis and outbreeding depression in crosses between natural populations of <i>Arabidopsis thaliana</i> . <i>Heredity</i> , <b>2015</b> , 115, 73-82  | 3.6  | 35 |
| 75 | Combining population genomics and fitness QTLs to identify the genetics of local adaptation in. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 5028-5033                                    | 11.5 | 34 |
| 74 | Landscape structure, clonal propagation, and genetic diversity in Scandinavian populations of <i>Arabidopsis lyrata</i> (Brassicaceae). <i>American Journal of Botany</i> , <b>2007</b> , 94, 1146-55  | 2.7  | 34 |
| 73 | Environmental context influences both the intensity of seed predation and plant demographic sensitivity to attack. <i>Ecology</i> , <b>2014</b> , 95, 495-504  | 4.6  | 33 |
| 72 | Separating selection by diurnal and nocturnal pollinators on floral display and spur length in <i>Gymnadenia conopsea</i> . <i>Ecology</i> , <b>2012</b> , 93, 1880-91   | 4.6  | 32 |
| 71 | Sexual Dimorphism and between-Year Variation in Flowering, Fruit Set and Pollinator Behaviour in a Boreal Willow. <i>Oikos</i> , <b>1988</b> , 53, 58  | 4    | 32 |
| 70 | Specificity in <i>Arabidopsis thaliana</i> recruitment of root fungal communities from soil and rhizosphere. <i>Fungal Biology</i> , <b>2018</b> , 122, 231-240  | 2.8  | 31 |
| 69 | Demography and mating system shape the genome-wide impact of purifying selection in. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 816-821   | 11.5 | 31 |
| 68 | Spatio-temporal variation in pollen limitation and reproductive success of two scape morphs in <i>Primula farinosa</i> . <i>New Phytologist</i> , <b>2006</b> , 169, 615-21  | 9.8  | 31 |
| 67 | What Do We Really Know About Adaptation at Range Edges?. <i>Annual Review of Ecology, Evolution, and Systematics</i> , <b>2020</b> , 51, 341-361   | 13.5 | 31 |
| 66 | Evolution of the selfing syndrome: Anther orientation and herkogamy together determine reproductive assurance in a self-compatible plant. <i>Evolution; International Journal of Organic Evolution</i> , <b>2017</b> , 71, 2206-2218                     | 3.8  | 30 |
| 65 | Relationships between population size and pollen fates in a moth-pollinated orchid. <i>Biology Letters</i> , <b>2009</b> , 5, 282-5  | 3.6  | 29 |
| 64 | Genetic structure in the nonrewarding, bumblebee-pollinated orchid <i>Calypso bulbosa</i> . <i>Heredity</i> , <b>2000</b> , 85 Pt 4, 401-9   | 3.6  | 29 |
| 63 | POPULATION STRUCTURE AND MORPH-SPECIFIC FITNESS DIFFERENCES IN TRISTYLOUS LYTHRUM SALICARIA. <i>Evolution; International Journal of Organic Evolution</i> , <b>1996</b> , 50, 126-139  | 3.8  | 29 |
| 62 | Large-scale adaptive differentiation in the alpine perennial herb <i>Arabis alpina</i> . <i>New Phytologist</i> , <b>2015</b> , 206, 459-470   | 9.8  | 28 |
| 61 | Latitudinal variation in resistance and tolerance to herbivory in the perennial herb <i>Lythrum salicaria</i> is related to intensity of herbivory and plant phenology. <i>Journal of Evolutionary Biology</i> , <b>2015</b> , 28, 576-89 <sup>2-3</sup> |      | 28 |
| 60 | Linking environmental and demographic data to predict future population viability of a perennial herb. <i>Oecologia</i> , <b>2010</b> , 163, 99-109  | 2.9  | 28 |
| 59 | Diel pattern of floral scent emission matches the relative importance of diurnal and nocturnal pollinators in populations of <i>Gymnadenia conopsea</i> . <i>Annals of Botany</i> , <b>2018</b> , 121, 711-721   | 4.1  | 28 |

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|----|---|-----|----|
| 58 | Vegetation context influences the strength and targets of pollinator-mediated selection in a deceptive orchid. <i>Ecology</i> , <b>2013</b> , 94, 1236-42   | 4.6 | 27 |
| 57 | Leaf Trichome Production and Responses to Defoliation and Drought in <i>Arabidopsis lyrata</i> (Brassicaceae). <i>Annales Botanici Fennici</i> , <b>2010</b> , 47, 199-207  | 0.3 | 27 |
| 56 | Facilitation in an insect-pollinated herb with a floral display dimorphism. <i>Ecology</i> , <b>2006</b> , 87, 2113-7   | 4.6 | 27 |
| 55 | Conflicting selection on the timing of germination in a natural population of <i>Arabidopsis thaliana</i> . <i>Journal of Evolutionary Biology</i> , <b>2014</b> , 27, 193-9  | 2.3 | 25 |
| 54 | Factors Contributing to Variation in Seed Production among Remnant Populations of the Endangered Daisy <i>Gerbera aurantiaca</i> 1. <i>Biotropica</i> , <b>2004</b> , 36, 148-155   | 2.3 | 25 |
| 53 | FLORAL DISPLAY, POLLINATOR DISCRIMINATION, AND FEMALE REPRODUCTIVE SUCCESS IN TWO MONOECIOUS BEGONIA SPECIES. <i>Ecology</i> , <b>1998</b> , 79, 1610-1619  | 4.6 | 25 |
| 52 | Resource- and pollinator-mediated selection on floral traits. <i>Functional Ecology</i> , <b>2017</b> , 31, 135-141   | 5.6 | 24 |
| 51 | Population Structure and Morph-Specific Fitness Differences in Tristylous <i>Lythrum salicaria</i> . <i>Evolution; International Journal of Organic Evolution</i> , <b>1996</b> , 50, 126                                 | 3.8 | 24 |
| 50 | Phenological shifts of native and invasive species under climate change: insights from the Boechera-Lythrum model. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2017</b> , 372,     | 5.8 | 22 |
| 49 | Distance to semi-natural grassland influences seed production of insect-pollinated herbs. <i>Oecologia</i> , <b>2014</b> , 175, 199-208   | 2.9 | 22 |
| 48 | Magnitude and timing of leaf damage affect seed production in a natural population of <i>Arabidopsis thaliana</i> (Brassicaceae). <i>PLoS ONE</i> , <b>2012</b> , 7, e30015   | 3.7 | 22 |
| 47 | Strong inbreeding depression in two Scandinavian populations of the self-incompatible perennial herb <i>Arabidopsis lyrata</i> . <i>Evolution; International Journal of Organic Evolution</i> , <b>2013</b> , 67, 2876-88 | 3.8 | 22 |
| 46 | Among-population variation in costs of reproduction in the long-lived orchid <i>Gymnadenia conopsea</i> : an experimental study. <i>Oecologia</i> , <b>2011</b> , 167, 461-8  | 2.9 | 21 |
| 45 | Sex Allocation in the Monoecious Herb <i>Begonia semiovata</i> . <i>Evolution; International Journal of Organic Evolution</i> , <b>1995</b> , 49, 121   | 3.8 | 21 |
| 44 | Seed dormancy cycling and mortality differ between two locally adapted populations of <i>Arabidopsis thaliana</i> . <i>Annals of Botany</i> , <b>2016</b> , 117, 249-56   | 4.1 | 20 |
| 43 | Conflicting selection on floral scent emission in the orchid <i>Gymnadenia conopsea</i> . <i>New Phytologist</i> , <b>2019</b> , 222, 2009-2022   | 9.8 | 19 |
| 42 | Herbivory Differentially Affects Plant Fitness in Three Populations of the Perennial Herb <i>Lythrum salicaria</i> along a Latitudinal Gradient. <i>PLoS ONE</i> , <b>2015</b> , 10, e0135939                             | 3.7 | 19 |
| 41 | Associational Resistance: Insect Damage to Purple Loosestrife Reduced in Thickets of Sweet Gale. <i>Ecology</i> , <b>2000</b> , 81, 1784  | 4.6 | 19 |

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|----|---|-------|----|
| 40 | Mutualists and antagonists mediate frequency-dependent selection on floral display. <i>Ecology</i> , <b>2008</b> , 89, 1564-72  | 4.6   | 18 |
| 39 | Strong Maternal Effects on Gene Expression in Arabidopsis lyrata Hybrids. <i>Molecular Biology and Evolution</i> , <b>2016</b> , 33, 984-94   | 8.3   | 17 |
| 38 | Mutation bias reflects natural selection in Arabidopsis thaliana.. <i>Nature</i> , <b>2022</b> ,  | 50.4  | 17 |
| 37 | Experimental reduction in interaction intensity strongly affects biotic selection. <i>Ecology</i> , <b>2016</b> , 97, 3091-3098   | 4.0   | 17 |
| 36 | Additive and non-additive effects of simulated leaf and inflorescence damage on survival, growth and reproduction of the perennial herb Arabidopsis lyrata. <i>Oecologia</i> , <b>2012</b> , 169, 1033-42               | 2.9   | 16 |
| 35 | Nonlinear costs of reproduction in a long-lived plant. <i>Journal of Ecology</i> , <b>2015</b> , 103, 1205-1213   | 6     | 15 |
| 34 | Spatial variability in seed predation in Primula farinosa: local population legacy versus patch selection. <i>Oecologia</i> , <b>2009</b> , 160, 77-86  | 2.9   | 15 |
| 33 | Genetic consequences of seed banks in the perennial herb Arabidopsis lyrata subsp. petraea (Brassicaceae). <i>American Journal of Botany</i> , <b>2011</b> , 98, 1475-85  | 2.7   | 14 |
| 32 | Similarity in G matrix structure among natural populations of Arabidopsis lyrata. <i>Evolution; International Journal of Organic Evolution</i> , <b>2016</b> , 70, 2370-2386  | 3.8   | 14 |
| 31 | Among-year variation in selection during early life stages and the genetic basis of fitness in Arabidopsis thaliana. <i>Molecular Ecology</i> , <b>2018</b> , 27, 2498-2511   | 5.7   | 12 |
| 30 | Morph-specific selection on floral traits in a polymorphic plant. <i>Journal of Evolutionary Biology</i> , <b>2010</b> , 23, 1251-60  | 2.3   | 12 |
| 29 | Stigma receptivity and effects of prior self-pollination on seed set in tristylous Lythrum salicaria (Lythraceae). <i>American Journal of Botany</i> , <b>2006</b> , 93, 142-147  | 2.7   | 12 |
| 28 | Population structure in Arabidopsis lyrata: evidence for divergent selection on trichome production. <i>Evolution; International Journal of Organic Evolution</i> , <b>2004</b> , 58, 2831-6                            | 3.8   | 12 |
| 27 | Inbreeding Affects Gene Expression Differently in Two Self-Incompatible Arabidopsis lyrata Populations with Similar Levels of Inbreeding Depression. <i>Molecular Biology and Evolution</i> , <b>2015</b> , 32, 2036-47 | 8.3   | 11 |
| 26 | Floral display and habitat quality affect cost of reproduction in Primula farinosa. <i>Oikos</i> , <b>2012</b> , 121, 1400-1407   | 14.07 | 10 |
| 25 | No trade-off between trichome production and tolerance to leaf and inflorescence damage in a natural population of Arabidopsis lyrata. <i>Journal of Plant Ecology</i> , <b>2014</b> , 7, 373-383                       | 1.7   | 10 |
| 24 | Deceit Pollination in the Monoecious, Neotropical Herb Begonia oaxacana (Begoniaceae) <b>1996</b> , 292-318   |       | 9  |
| 23 | Heterosis is common and inbreeding depression absent in natural populations of Arabidopsis thaliana. <i>Journal of Evolutionary Biology</i> , <b>2019</b> , 32, 592-603   | 2.3   | 8  |



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|----|--|------|---|
| 22 | Trichome production and variation in young plant resistance to the specialist insect herbivore <i>Plutella xylostella</i> among natural populations of <i>Arabidopsis lyrata</i> . <i>Entomologia Experimentalis Et Applicata</i> , <b>2013</b> , 149, 166-176 | 2.1  | 8 |
| 21 | Distance-dependent effects of invasive <i>Lupinus polyphyllus</i> on pollination and reproductive success of two native herbs. <i>Basic and Applied Ecology</i> , <b>2015</b> , 16, 120-127  | 3.2  | 7 |
| 20 | Manipulation of trait expression and pollination regime reveals the adaptive significance of spur length. <i>Evolution; International Journal of Organic Evolution</i> , <b>2020</b> , 74, 597-609   | 3.8  | 7 |
| 19 | Habitat quality and among-population differentiation in reproductive effort and flowering phenology in the perennial herb <i>Primula farinosa</i> . <i>Evolutionary Ecology</i> , <b>2010</b> , 24, 715-729  | 1.8  | 7 |
| 18 | The independent and combined effects of floral traits distinguishing two pollination ecotypes of a moth-pollinated orchid. <i>Ecology and Evolution</i> , <b>2019</b> , 9, 1191-1201   | 2.8  | 6 |
| 17 | Herbivory strongly influences among-population variation in reproductive output of <i>Lythrum salicaria</i> in its native range. <i>Oecologia</i> , <b>2016</b> , 180, 1159-71   | 2.9  | 6 |
| 16 | Strong stabilizing selection on timing of germination in a Mediterranean population of <i>Arabidopsis thaliana</i> . <i>American Journal of Botany</i> , <b>2020</b> , 107, 1518-1526  | 2.7  | 5 |
| 15 | Divergent selection on flowering phenology but not on floral morphology between two closely related orchids. <i>Ecology and Evolution</i> , <b>2020</b> , 10, 5737-5747  | 2.8  | 5 |
| 14 | Grazers affect selection on inflorescence height both directly and indirectly and effects change over time. <i>Ecology</i> , <b>2018</b> , 99, 2167-2175   | 4.6  | 4 |
| 13 | Evolution of floral scent in relation to self-incompatibility and capacity for autonomous self-pollination in the perennial herb <i>Arabis alpina</i> . <i>Annals of Botany</i> , <b>2021</b> , 127, 737-747   | 4.1  | 4 |
| 12 | Pollinators, herbivores, and the evolution of floral traits. <i>Science</i> , <b>2019</b> , 364, 122-123   | 33.3 | 3 |
| 11 | Demography and mating system shape the genome-wide impact of purifying selection in <i>Arabis alpina</i>   |      | 3 |
| 10 | Life-history trade-offs and the genetic basis of fitness in <i>Arabidopsis thaliana</i> . <i>Molecular Ecology</i> , <b>2021</b> , 30, 2846-2858   | 5.7  | 3 |
| 9  | POPULATION STRUCTURE IN <i>ARABIDOPSIS LYRATA</i> : EVIDENCE FOR DIVERGENT SELECTION ON TRICHOME PRODUCTION. <i>Evolution; International Journal of Organic Evolution</i> , <b>2004</b> , 58, 2831   | 3.8  | 2 |
| 8  | Root microbiota assembly and adaptive differentiation among European <i>Arabidopsis</i> populations  |      | 2 |
| 7  | Fitness effects of mutation in natural populations of <i>Arabidopsis thaliana</i> reveal a complex influence of local adaptation. <i>Evolution; International Journal of Organic Evolution</i> , <b>2021</b> , 75, 330-348                                     | 3.8  | 2 |
| 6  | Factors Contributing to Variation in Seed Production among Remnant Populations of the Endangered Daisy <i>Gerbera aurantiaca</i> . <i>Biotropica</i> , <b>2004</b> , 36, 148   | 2.3  | 1 |
| 5  | Natural age and size of <i>Pinus sylvestris</i> and <i>Picea abies</i> on a mire in the inland part of northern Sweden. <i>Ecography</i> , <b>1983</b> , 6, 228-237  | 6.5  | 1 |

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| 4 | Effects of primary seed dormancy on life-time fitness of <i>Arabidopsis thaliana</i> in the field.. <i>Annals of Botany</i> , <b>2022</b> ,  | 4.1 | 1 |
| 3 | Seed dormancy varies widely among populations both between and within Fennoscandia and Italy.. <i>Ecology and Evolution</i> , <b>2022</b> , 12, e8670                                  | 2.8 | 1 |
| 2 | Mechanisms of Male-Male Interference during Dispersal of Orchid Pollen. <i>American Naturalist</i> , <b>2021</b> , 197, 250-265  | 3.7 | 0 |
| 1 | Gene, phenotype and function: GLABROUS1 and resistance to herbivory in natural populations of <i>Arabidopsis lyrata</i> . <i>Molecular Ecology</i> , <b>2006</b> , 061222052703001-??? | 5.7 |   |