

Pia Mutikainen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10417097/publications.pdf>

Version: 2024-02-01

47
papers

2,287
citations

279798

23
h-index

214800

47
g-index

47
all docs

47
docs citations

47
times ranked

2469
citing authors

#	ARTICLE	IF	CITATIONS
1	How general are positive relationships between plant population size, fitness and genetic variation?. <i>Journal of Ecology</i> , 2006, 94, 942-952.	4.0	756
2	TRADE-OFFS IN PHENOLIC METABOLISM OF SILVER BIRCH: EFFECTS OF FERTILIZATION, DEFOLIATION, AND GENOTYPE. <i>Ecology</i> , 1999, 80, 1970-1986.	3.2	118
3	HERBIVORE RESISTANCE IN BETULA PENDULA: EFFECT OF FERTILIZATION, DEFOLIATION, AND PLANT GENOTYPE. <i>Ecology</i> , 2000, 81, 49-65.	3.2	113
4	RESISTANCE AND TOLERANCE IN A HOST PLANT-HOLOPARASITIC PLANT INTERACTION: GENETIC VARIATION AND COSTS. <i>Evolution; International Journal of Organic Evolution</i> , 2002, 56, 899-908.	2.3	89
5	Female frequency and relative fitness of females and hermaphrodites in gynodioecious <i>Geranium sylvaticum</i> (Geraniaceae). <i>American Journal of Botany</i> , 2003, 90, 226-234.	1.7	83
6	Herbivore Resistance in <i>Betula pendula</i> : Effect of Fertilization, Defoliation, and Plant Genotype. <i>Ecology</i> , 2000, 81, 49.	3.2	64
7	Genetics of sex determination in the gynodioecious species <i>Lobelia siphilitica</i> : evidence from two populations. <i>Heredity</i> , 2001, 86, 265-276.	2.6	62
8	LOCAL ADAPTATION, RESISTANCE, AND VIRULENCE IN A HEMIPARASITIC PLANT-HOST PLANT INTERACTION. <i>Evolution; International Journal of Organic Evolution</i> , 2000, 54, 433-440.	2.3	61
9	Preferences of Pollinators and Herbivores in Gynodioecious <i>Geranium sylvaticum</i> . <i>Annals of Botany</i> , 2005, 95, 879-886.	2.9	57
10	Pollen and resource limitation in a gynodioecious species. <i>American Journal of Botany</i> , 2005, 92, 487-494.	1.7	57
11	Growth, reproduction and defence in nettles: responses to herbivory modified by competition and fertilization. <i>Oecologia</i> , 1995, 104, 487-495.	2.0	56
12	INTERACTIVE EFFECTS OF POLLINATION AND HEAVY METALS ON RESOURCE ALLOCATION IN <i>Potentilla anserina</i> . <i>Ecology</i> , 1998, 79, 1620-1629.	3.2	51
13	Population History, Mating System, and Fitness Variation in a Perennial Herb with a Fragmented Distribution. <i>Conservation Biology</i> , 2005, 19, 349-356.	4.7	50
14	Defensive strategies in <i>Geranium sylvaticum</i> . Part 1: Organ-specific distribution of water-soluble tannins, flavonoids and phenolic acids. <i>Phytochemistry</i> , 2013, 95, 394-407.	2.9	48
15	INBREEDING DEPRESSION IN GYNODIOECIOUS <i>LOBELIA SIPHILITICA</i> : AMONG-FAMILY DIFFERENCES OVERRIDE BETWEEN-MORPH DIFFERENCES. <i>Evolution; International Journal of Organic Evolution</i> , 1998, 52, 1572-1582.	2.3	46
16	Associations of plant fitness, leaf chemistry, and damage suggest selection mosaic in plant-herbivore interactions. <i>Ecology</i> , 2010, 91, 2650-2659.	3.2	41
17	Effects of defoliation on growth, biomass allocation, and wood properties of <i>Betula pendula</i> clones grown at different nutrient levels. <i>Canadian Journal of Forest Research</i> , 2002, 32, 498-508.	1.7	37
18	Heavy metals modify costs of reproduction and clonal growth in the stoloniferous herb <i>Potentilla anserina</i> . <i>Evolutionary Ecology</i> , 2004, 18, 541-561.	1.2	36

#	ARTICLE	IF	CITATIONS
19	Ecological Context of Breeding System Variation: Sex, Size and Pollination in a (Predominantly) Gynodioecious Shrub. <i>Annals of Botany</i> , 2007, 100, 1547-1556.	2.9	35
20	Costs of herbivore resistance in clonal saplings of <i>Betula pendula</i> . <i>Oecologia</i> , 2002, 133, 364-371.	2.0	30
21	Variation and constraints of local adaptation of a long-lived plant, its pollinators and specialist herbivores. <i>Journal of Ecology</i> , 2012, 100, 1359-1372.	4.0	30
22	TESTING WHY THE SEX OF THE MATERNAL PARENT AFFECTS SEEDLING SURVIVAL IN A GYNODIOECIOUS SPECIES. <i>Evolution; International Journal of Organic Evolution</i> , 2003, 57, 231-239.	2.3	29
23	Plant-herbivore coevolution in a changing world. <i>Entomologia Experimentalis Et Applicata</i> , 2012, 144, 3-13.	1.4	25
24	Sex Allocation of Females and Hermaphrodites in the Gynodioecious <i>Geranium sylvaticum</i> . <i>Annals of Botany</i> , 2003, 92, 207-213.	2.9	24
25	Sexual Differences in Responses to Simulated Herbivory in <i>Urtica dioica</i> . <i>Oikos</i> , 1994, 69, 397.	2.7	22
26	Herbivore-induced resistance in <i>Betula pendula</i> : the role of plant vascular architecture. <i>Oecologia</i> , 1996, 108, 723-727.	2.0	21
27	HOST-PARASITE-HERBIVORE INTERACTIONS: IMPLICATIONS OF HOST CYANOGENESIS. <i>Ecology</i> , 2001, 82, 2059-2071.	3.2	20
28	Direct and ecological costs of resistance and tolerance in the stinging nettle. <i>Oecologia</i> , 2004, 139, 76-82.	2.0	20
29	Simultaneous inbreeding modifies inbreeding depression in a plant-herbivore interaction. <i>Ecology Letters</i> , 2014, 17, 229-238.	6.4	18
30	Demographic Consequences of Pollen Limitation and Inbreeding Depression in a Gynodioecious Herb. <i>International Journal of Plant Sciences</i> , 2007, 168, 443-453.	1.3	17
31	The role of inbreeding and outbreeding in herbivore resistance and tolerance in <i>Vincetoxicum hirundinaria</i> . <i>Annals of Botany</i> , 2011, 108, 547-555.	2.9	17
32	Plant Chemistry and Local Adaptation of a Specialized Folivore. <i>PLoS ONE</i> , 2012, 7, e38225.	2.5	17
33	Trade-Offs in Phenolic Metabolism of Silver Birch: Effects of Fertilization, Defoliation, and Genotype. <i>Ecology</i> , 1999, 80, 1970.	3.2	16
34	Differential costs of reproduction in females and hermaphrodites in a gynodioecious plant. <i>Annals of Botany</i> , 2012, 109, 1159-1164.	2.9	16
35	Interactive Effects of Pollination and Heavy Metals on Resource Allocation in <i>Potentilla anserina</i> L.. <i>Ecology</i> , 1998, 79, 1620.	3.2	15
36	Pollen limitation and fruiting failure related to canopy closure in <i>Calypso bulbosa</i> (Orchidaceae), a northern food-deceptive orchid with a single flower. <i>Botanical Journal of the Linnean Society</i> , 2013, 171, 744-750.	1.6	14

#	ARTICLE	IF	CITATIONS
37	Spatiotemporal variation in local adaptation of a specialist insect herbivore to its long-lived host plant. <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 2110-2122.	2.3	12
38	TESTING WHY THE SEX OF THE MATERNAL PARENT AFFECTS SEEDLING SURVIVAL IN A GYNODIOECIOUS SPECIES. <i>Evolution; International Journal of Organic Evolution</i> , 2003, 57, 231.	2.3	8
39	Reproductive ecology of three endangered African violet (<i>Saintpaulia</i> H. Wendl.) species in the East Usambara Mountains, Tanzania. <i>African Journal of Ecology</i> , 2006, 44, 219-227.	0.9	8
40	Inbreeding and inbreeding depression in a threatened endemic plant, the African violet (<i>Saintpaulia</i>) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Ecology</i> , 2010, 48, 576-587.	0.9	8
41	Preference for outbred host plants and positive effects of inbreeding on egg survival in a specialist herbivore. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20141421.	2.6	8
42	Plant-Species Diversity Correlates with Genetic Variation of an Oligophagous Seed Predator. <i>PLoS ONE</i> , 2014, 9, e94105.	2.5	8
43	Population stage structure, survival and recruitment in the endangered East African forest herb <i>Saintpaulia</i> . <i>Plant Ecology</i> , 2007, 192, 85-95.	1.6	7
44	Population biology of clonal plants: Foreword to the proceedings from the 7th Clonal Plant Workshop. <i>Evolutionary Ecology</i> , 2004, 18, 403-408.	1.2	6
45	RESISTANCE AND TOLERANCE IN A HOST PLANTâ€™HOLOPARASITIC PLANT INTERACTION: GENETIC VARIATION AND COSTS. <i>Evolution; International Journal of Organic Evolution</i> , 2002, 56, 899.	2.3	4
46	Genetic drift precluded adaptation of an insect seed predator to a novel host plant in a long-term selection experiment. <i>PLoS ONE</i> , 2018, 13, e0198869.	2.5	4
47	Strong gene flow explains lack of mating system variation in the perennial herb, <i>Vincetoxicum hirundinaria</i> , in a fragmented landscape. <i>Nordic Journal of Botany</i> , 2021, 39, .	0.5	3