Lynda F Delph

List of Publications by Year
in descending order

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89 papers	4,629 citations	81900 39 h-index	114465 63 g-index
90 all docs	90 docs citations	90 times ranked	3029 citing authors

#	Article	IF	Citations
1	Sexual Dimorphism in Life History. , 1999, , 149-173.		248
2	Sex-Differential Resource Allocation Patterns in the Subdioecious Shrub Hebe Subalpina. Ecology, 1990, 71, 1342-1351.	3.2	196
3	About PAR: The distinct evolutionary dynamics of the pseudoautosomal region. Trends in Genetics, 2011, 27, 358-367.	6.7	184
4	Sexual Dimorphism in Flower Size. American Naturalist, 1996, 148, 299-320.	2.1	180
5	HOW ENVIRONMENTAL FACTORS AFFECT POLLEN PERFORMANCE: ECOLOGICAL AND EVOLUTIONARY PERSPECTIVES. Ecology, 1997, 78, 1632-1639.	3.2	170
6	Pattern and process: evidence for the evolution of photosynthetic traits in natural populations. Oecologia, 2001, 127, 455-467.	2.0	161
7	On the importance of balancing selection in plants. New Phytologist, 2014, 201, 45-56.	7.3	144
8	Evolutionary consequences of gender plasticity in genetically dimorphic breeding systems. New Phytologist, 2005, 166, 119-128.	7.3	133
9	Sex-specific physiology and source-sink relations in the dioecious plant Silene latifolia. Oecologia, 1996, 106, 63-72.	2.0	131
10	Sexual Dimorphism Masks Life History Trade-Offs in the Dioecious Plant Silene Latifolia. Ecology, 1995, 76, 775-785.	3.2	130
11	Trait selection in flowering plants: how does sexual selection contribute?. Integrative and Comparative Biology, 2006, 46, 465-472.	2.0	110
12	Merging theory and mechanism in studies of gynodioecy. Trends in Ecology and Evolution, 2007, 22, 17-24.	8.7	107
13	GENETIC CONSTRAINTS ON FLORAL EVOLUTION IN A SEXUALLY DIMORPHIC PLANT REVEALED BY ARTIFICIAL SELECTION. Evolution; International Journal of Organic Evolution, 2004, 58, 1936-1946.	2.3	102
14	Pollinator Visitation, Floral Display, and Nectar Production of the Sexual Morphs of a Gynodioecious Shrub. Oikos, 1992, 63, 161.	2.7	98
15	Genetic Correlations with Floral Display Lead to Sexual Dimorphism in the Cost of Reproduction. American Naturalist, 2005, 166, S31-S41.	2.1	97
16	SEXUAL DIMORPHISM IN THE QUANTITATIVE-GENETIC ARCHITECTURE OF FLORAL, LEAF, AND ALLOCATION TRAITS IN SILENE LATIFOLIA. Evolution; International Journal of Organic Evolution, 2007, 61, 42-57.	2.3	96
17	Modeling Gynodioecy: Novel Scenarios for Maintaining Polymorphism. American Naturalist, 2003, 161, 762-776.	2.1	89
18	Sexual dimorphism in gender plasticity and its consequences for breeding system evolution. Evolution & Development, 2003, 5, 34-39.	2.0	85

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19	Flower Size Dimorphism in Plants with Unisexual Flowers. , 1996, , 217-237.		83
20	ENVIRONMENTAL AND GENETIC CONTROL OF GENDER IN THE DIMORPHIC SHRUB HEBE SUBALPINA. Evolution; International Journal of Organic Evolution, 1991, 45, 1957-1964.	2.3	78
21	THE GENOMIC ARCHITECTURE OF SEXUAL DIMORPHISM IN THE DIOECIOUS PLANT SILENE LATIFOLIA. Evolution; International Journal of Organic Evolution, 2010, 64, no-no.	2.3	77
22	The Effects of Gender and Plant Architecture on Allocation to Flowers in Dioecious Silene latifolia (Caryophyllaceae). International Journal of Plant Sciences, 1996, 157, 493-500.	1.3	74
23	Haldaneâ€™s Rule: Genetic Bases and Their Empirical Support. Journal of Heredity, 2016, 107, 383-391.	2.4	73
24	ELIMINATION OF A GENETIC CORRELATION BETWEEN THE SEXES VIA ARTIFICIAL CORRELATIONAL SELECTION. Evolution; International Journal of Organic Evolution, 2011, 65, 2872-2880.	2.3	71
25	SEX-RATIO VARIATION IN THE GYNODIOECIOUS SHRUBHEBE STRICTISSIMA(SCROPHULARIACEAE). Evolution; International Journal of Organic Evolution, 1990, 44, 134-142.	2.3	69
26	Environment-dependent intralocus sexual conflict in a dioecious plant. New Phytologist, 2011, 192, 542-552.	7.3	69
27	AN ASSOCIATION BETWEEN A FLORAL TRAIT AND INBREEDING DEPRESSION. Evolution; International Journal of Organic Evolution, 2000, 54, 840-846.	2.3	67
28	SEXUAL, FECUNDITY, AND VIABILITY SELECTION ON FLOWER SIZE AND NUMBER IN A SEXUALLY DIMORPHIC PLANT. Evolution; International Journal of Organic Evolution, 2012, 66, 1154-1166.	2.3	66
29	PATTERNS OF RESOURCE ALLOCATION IN A DIOECIOUS CAREX (CYPERACEAE). American Journal of Botany, 1993, 80, 607-615.	1.7	64
30	A field guide to models of sexâ€ratio evolution in gynodioecious species. Oikos, 2007, 116, 1609-1617.	2.7	64
31	Genetics of sex determination in the gynodioecious species Lobelia siphilitica: evidence from two populations. Heredity, 2001, 86, 265-276.	2.6	62
32	Commentary: When does understanding phenotypic evolution require identification of the underlying genes?. Evolution; International Journal of Organic Evolution, 2015, 69, 1655-1664.	2.3	62
33	Gender dimorphism in indigenous New Zealand seed plants. New Zealand Journal of Botany, 1999, 37, 119-130.	1.1	56
34	HALDANE'S RULE IS EXTENDED TO PLANTS WITH SEX CHROMOSOMES. Evolution; International Journal of Organic Evolution, 2010, 64, 3643-3648.	2.3	56
35	Investigating the independent evolution of the size of floral organs via G-matrix estimation and artificial selection. Evolution & Development, 2004, 6, 438-448.	2.0	54
36	SELECTIVE TRADE-OFFS AND SEX-CHROMOSOME EVOLUTION IN SILENE LATIFOLIA. Evolution; International Journal of Organic Evolution, 2006, 60, 1793-1800.	2.3	53

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37	The Effect of Breeding System on Polymorphism in Mitochondrial Genes of Silene. Genetics, 2009, 181, 631-644.	2.9	53
38	The two-fold cost of sex: Experimental evidence from a natural system. Evolution Letters, 2017, 1, 6-15.	3.3	52
39	Pollen Competition in Flowering Plants. , 1998, , 149-173.		50
40	Why fast-growing pollen tubes give rise to vigorous progeny: the test of a new mechanism. Proceedings of the Royal Society B: Biological Sciences, 1998, 265, 935-939.	2.6	48
41	INBREEDING DEPRESSION IN GYNODIOECIOUSLOBELIA SIPHILITICA: AMONG-FAMILY DIFFERENCES OVERRIDE BETWEEN-MORPH DIFFERENCES. Evolution; International Journal of Organic Evolution, 1998, 52, 1572-1582.	2.3	46
42	Fine-scale genetic structure and clinal variation in Silene acaulis despite high gene flow. Heredity, 1999, 82, 628-637.	2.6	45
43	Coevolutionary hotspots and coldspots for host sex and parasite local adaptation in a snailâ€“trematode interaction. Oikos, 2011, 120, 1335-1340.	2.7	44
44	Seed provisioning in gynodioecious Silene acaulis (Caryophyllaceae). American Journal of Botany, 1999, 86, 140-144.	1.7	39
45	Environmental and Genetic Control of Gender in the Dimorphic Shrub Hebe subalpina. Evolution; International Journal of Organic Evolution, 1991, 45, 1957.	2.3	35
46	Lineages ofSilene nutansdeveloped rapid, strong, asymmetric postzygotic reproductive isolation in allopatry. Evolution; International Journal of Organic Evolution, 2017, 71, 1519-1531.	2.3	32
47	Nutrients affect allocation to male and female function in Abutilon theophrasti (Malvaceae). American Journal of Botany, 1995, 82, 726-733.	1.7	30
48	Patterns of Resource Allocation in a Dioecious Carex (Cyperaceae). American Journal of Botany, 1993, 80, 607.	1.7	30
49	TESTING WHY THE SEX OF THE MATERNAL PARENT AFFECTS SEEDLING SURVIVAL IN A GYNODIOECIOUS SPECIES. Evolution; International Journal of Organic Evolution, 2003, 57, 231-239.	2.3	29
50	Sex Allocation: Evolution to and from Dioecy. Current Biology, 2009, 19, R249-R251.	3.9	27
51	Benefits and costs to pollinating, seed-eating insects: the effect of flower size and fruit abortion on larval performance. Oecologia, 2009, 161, 87-98.	2.0	27
52	Asymmetrical conspecific seed-siring advantage between Silene latifolia and S. dioica. Annals of Botany, 2010, 105, 595-605.	2.9	27
53	Sex-Ratio Evolution in Nuclear-Cytoplasmic Gynodioecy When Restoration Is a Threshold Trait. Genetics, 2007, 176, 2465-2476.	2.9	26
54	Processes that Constrain and Facilitate the Evolution of Sexual Dimorphism. American Naturalist, 2005, 166, S1-S4.	2.1	23

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55	Factors Affecting Intraplant Variation in Flowering and Fruiting in the Gynodioecious Species Hebe Subalpina. Journal of Ecology, 1993, 81, 287.	4.0	22
56	Inbreeding depression in the gynodioecious shrubHebe subalpina(Scrophulahaceae). New Zealand Journal of Botany, 1996, 34, 241-247.	1.1	22
57	Differential seed maturation uncouples fertilization and siring success in Oenothera organensis (Onagraceae). Heredity, 1996, 76, 623-632.	2.6	22
58	The genetic integration of sexually dimorphic traits in the dioecious plant,Silene latifolia. , 2007, , 115-123.		22
59	Experimental evolution: Assortative mating and sexual selection, independent of local adaptation, lead to reproductive isolation in the nematodeCaenorhabditis remanei. Evolution; International Journal of Organic Evolution, 2015, 69, 3141-3155.	2.3	20
60	GENETIC ARCHITECTURE OF ISOLATION BETWEEN TWO SPECIES OFSILENEWITH SEX CHROMOSOMES AND HALDANE'S RULE. Evolution; International Journal of Organic Evolution, 2014, 68, 332-342.	2.3	19
61	Testing for sex differences in biparental inbreeding and its consequences in a gynodioecious species. American Journal of Botany, 2004, 91, 45-51.	1.7	18
62	Herbivore-mediated negative frequency-dependent selection underlies a trichome dimorphism in nature. Evolution Letters, 2020, 4, 83-90.	3.3	15
63	Pollen competition is the mechanism underlying a variety of evolutionary phenomena in dioecious plants. New Phytologist, 2019, 224, 1075-1079.	7.3	13
64	SELECTIVE TRADE-OFFS AND SEX-CHROMOSOME EVOLUTION IN SILENE LATIFOLIA. Evolution; International Journal of Organic Evolution, 2006, 60, 1793.	2.3	12
65	PHENOTYPIC PLASTICITY EARLY IN LIFE CONSTRAINS DEVELOPMENTAL RESPONSES LATER. Evolution; International Journal of Organic Evolution, 2007, 55, 930-936.	2.3	12
66	Genomic Resources Notes accepted 1 February 2015 - 31 March 2015. Molecular Ecology Resources, 2015, 15, 1014-1015.	4.8	10
67	The Study of Local Adaptation: A Thriving Field of Research. Journal of Heredity, 2018, 109, 1-2.	2.4	10
68	Nutrients Affect Allocation to Male and Female Function in Abutilon theophrasti (Malvaceae). American Journal of Botany, 1995, 82, 726.	1.7	10
69	Differences in style length confer prezygotic isolation between two dioecious species of S ilene in sympatry. Ecology and Evolution, 2015, 5, 2703-2711.	1.9	9
70	Divergence in style length and pollen size leads to a postmatingâ€prezygotic reproductive barrier among populations of Silene latifolia. Evolution; International Journal of Organic Evolution, 2017, 71, 1532-1540.	2.3	9
71	The Evolutionary Dynamics of Gynodioecy inLobelia. International Journal of Plant Sciences, 2014, 175, 383-391.	1.3	8
72	Evaluation of the cost of restoration of male fertility in Brassica napus. Botany, 2014, 92, 847-853.	1.0	8

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73	Water availability drives population divergence and sexâ€specific responses in a dioecious plant. American Journal of Botany, 2019, 106, 1346-1355.	1.7	7
74	Gynodioecy in native New ZealandGaultheria(Ericaceae). New Zealand Journal of Botany, 2006, 44, 415-420.	1.1	5
75	The nearness of you: the effect of population structure on siring success in a gynodioecious species. Molecular Ecology, 2010, 19, 1520-1522.	3.9	5
76	Characterization of 24 polymorphic microsatellite markers for Silene nutans, a gynodioeciousâ€“gynomonoecious species, and cross-species amplification in other Silene species. Conservation Genetics Resources, 2014, 6, 915-918.	0.8	5
77	Maleâ€“female genotype interactions maintain variation in traits important for sexual interactions and reproductive isolation. Evolution; International Journal of Organic Evolution, 2016, 70, 1667-1673.	2.3	4
78	Evolution: Selfing Takes Species Down Stebbinsâ€™s BlindÂAlley. Current Biology, 2017, 27, R61-R63.	3.9	4
79	Rapid reversal of a potentially constraining genetic covariance between leaf and flower traits in Silene latifolia. Ecology and Evolution, 2020, 10, 569-578.	1.9	4
80	Observational evidence of herbivoreâ€specific associational effects between neighboring conspecifics in natural, dimorphic populations of Datura wrightii. Ecology and Evolution, 2021, 11, 5547-5561.	1.9	4
81	Sexâ€specific natural selection on SNPs in Silene latifolia. Evolution Letters, 0, , .	3.3	4
82	The X chromosome is necessary for ovule production in Silene latifolia. PLoS ONE, 2019, 14, e0217558.	2.5	2
83	UNDERSTANDING WHAT WE SEE IN NATURE: HOW TO SPEND YOUR LIFE AS AN EVOLUTIONARY ECOLOGIST. Evolution; International Journal of Organic Evolution, 2011, 65, 3027-3028.	2.3	1
84	Nominations And Applications For The 2002 Theodosius Dobzhansky Prize. Evolution; International Journal of Organic Evolution, 2001, 55, 2627-2627.	2.3	0
85	THE SOCIETY FOR THE STUDY OF EVOLUTION: Nominations and Applications for the 2002 Theodosius Dobzhansky Prize. Evolution; International Journal of Organic Evolution, 2001, 55, 2142-2142.	2.3	0
86	NOMINATIONS AND APPLICATIONS FOR THE 2002: THEODOSIUS DOBZHANSKY PRIZE. Evolution; International Journal of Organic Evolution, 2002, 56, 210-211.	2.3	0
87	Functional precocious protogyny in New Zealand sun hebes (Veronica sect. Hebe, Plantaginaceae). New Zealand Journal of Botany, 0, , 1-9.	1.1	0
88	On the 75th anniversary of the society for the study of evolution: A nonhistorian's perspective of the past two decades. Evolution; International Journal of Organic Evolution, 2021, 75, 4-9.	2.3	0
89	Parasitic manipulation or by-product of infection: an experimental approach using trematode-infected snails. Journal of Helminthology, 2022, 96, e2.	1.0	0