Marcel E Dorken

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1149212/publications.pdf

Version: 2024-02-01

50 papers	1,926 citations	430874 18 h-index	254184 43 g-index
50 all docs	50 docs citations	50 times ranked	2013 citing authors

#	Article	IF	Citations
1	Severely reduced sexual reproduction in northern populations of a clonal plant, Decodon verticillatus (Lythraceae). Journal of Ecology, 2001, 89, 339-350.	4.0	540
2	The Ecological and Evolutionary Consequences of Clonality for Plant Mating. Annual Review of Ecology, Evolution, and Systematics, 2010, 41, 193-213.	8.3	266
3	Phenotypic plasticity of vegetative and reproductive traits in monoecious and dioecious populations ofSagittaria latifolia(Alismataceae): a clonal aquatic plant. Journal of Ecology, 2004, 92, 32-44.	4.0	109
4	THE EVOLUTION AND MAINTENANCE OF MONOECY AND DIOECY IN SAGITTARIA LATIFOLIA (ALISMATACEAE). Evolution; International Journal of Organic Evolution, 2002, 56, 31-41.	2.3	103
5	Tradeâ€offs between clonal and sexual reproduction in Sagittaria latifolia (Alismataceae) scale up to affect the fitness of entire clones. New Phytologist, 2012, 196, 606-616.	7.3	82
6	Sex determination and the evolution of dioecy from monoecy in Sagittaria latifolia (Alismataceae). Proceedings of the Royal Society B: Biological Sciences, 2004, 271, 213-219.	2.6	80
7	Ecological and evolutionary consequences of sexual and clonal reproduction in aquatic plants. Aquatic Botany, 2016, 135, 46-61.	1.6	78
8	Colonisation as a common denominator in plant metapopulations and range expansions: effects on genetic diversity and sexual systems. Landscape Ecology, 2006, 21, 837-848.	4.2	66
9	Hermaphroditic Sex Allocation Evolves When Mating Opportunities Change. Current Biology, 2009, 19, 514-517.	3.9	53
10	LIFEâ€HISTORY DIFFERENTIATION AND THE MAINTENANCE OF MONOECY AND DIOECY IN SAGITTARIA LATIFOLIA (ALISMATACEAE). Evolution; International Journal of Organic Evolution, 2003, 57, 1973-1988.	2.3	46
11	Densityâ€Dependent Regulation of the Sex Ratio in an Annual Plant. American Naturalist, 2008, 171, 824-830.	2.1	36
12	Consequences of clonality for sexual fitness: Clonal expansion enhances fitness under spatially restricted dispersal. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 8929-8936.	7.1	36
13	â€˜Haldane's Sieveâ€™ in a metapopulation: sifting through plant reproductive polymorphisms. Trends in Ecology and Evolution, 2005, 20, 374-379.	8.7	33
14	PHENOTYPIC PLASTICITY OF HERMAPHRODITE SEX ALLOCATION PROMOTES THE EVOLUTION OF SEPARATE SEXES: AN EXPERIMENTAL TEST OF THE SEX-DIFFERENTIAL PLASTICITY HYPOTHESIS USINGSAGITTARIA LATIFOLIA(ALISMATACEAE). Evolution; International Journal of Organic Evolution, 2008, 62, 971-978.	2.3	28
15	Asymmetric Hybridization in Cattails (Typha spp.) and Its Implications for the Evolutionary Maintenance of Native Typha latifolia. Journal of Heredity, 2017, 108, 479-487.	2.4	26
16	Analysis of pollination neighbourhood size using spatial analysis of pollen and seed production in broadleaf cattail (Typha latifolia). Botany, 2015, 93, 91-100.	1.0	25
17	Two's Company, Three's a Crowd: Experimental Evaluation of the Evolutionary Maintenance of Trioecy in Mercurialis annua (Euphorbiaceae). PLoS ONE, 2012, 7, e35597.	2.5	23
18	Hybrid TyphaÃ—glauca outperforms native T. latifolia under contrasting water depths in a common garden. Basic and Applied Ecology, 2015, 16, 394-402.	2.7	22

#	Article	IF	Citations
19	No evidence for niche segregation in a North American Cattail (Typha) species complex. Ecology and Evolution, 2012, 2, 952-961.	1.9	21
20	Genetic structure in hybrids and progenitors provides insight into processes underlying an invasive cattail (Typhaâ€‰Ã—â€‰glauca) hybrid zone. Heredity, 2020, 124, 714-725.	2.6	21
21	Sex allocation in clonal plants: might clonal expansion enhance fitness gains through male function?. Evolutionary Ecology, 2010, 24, 1463-1474.	1.2	19
22	Coexistence of Typha latifolia, T. angustifolia (Typhaceae) and their invasive hybrid is not explained by niche partitioning across water depths. Aquatic Botany, 2018, 144, 46-53.	1.6	17
23	Smallâ€scale and regional spatial dynamics of an annual plant with contrasting sexual systems. Journal of Ecology, 2017, 105, 1044-1057.	4.0	16
24	THE EVOLUTION OF MALES: SUPPORT FOR PREDICTIONS FROM SEX ALLOCATION THEORY USING MATING ARRAYS OF SAGITTARIA LATIFOLIA (ALISMATACEAE). Evolution; International Journal of Organic Evolution, 2011, 65, 2782-2791.	2.3	15
25	The effects of leaf litter and competition from hybrid cattails (TyphaÃ—glauca) on the seed germination and seedling performance of its parental species. Aquatic Botany, 2018, 145, 29-36.	1.6	13
26	Isolation and characterization of 11 microsatellite markers from Sagittaria latifolia (Alismataceae). Molecular Ecology Resources, 2009, 9, 579-581.	4.8	12
27	Salinity, not genetic incompatibilities, limits the establishment of the invasive hybrid cattail TyphaÂÃ—Âglauca in coastal wetlands. Ecology and Evolution, 2020, 10, 12091-12103.	1.9	12
28	Sex-ratio variation versus interplant distances in the regulation of pollen deposition and seed production in dioecious Cirsium arvense (Asteraceae)¹This article is part of a Special Issue entitled â€œPollination biology research in Canada: Perspectives on a mutualism at different scalesâ€•. Botany, 2012, 90, 565-573.	1.0	11
29	Sexual dimorphism in leaf nitrogen content but not photosynthetic rates in Sagittaria latifolia (Alismataceae). Botany, 2014, 92, 109-112.	1.0	10
30	Correlated paternity measures mate monopolization and scales with the magnitude of sexual selection. Journal of Evolutionary Biology, 2017, 30, 377-387.	1.7	10
31	Conservation genetics of Hillâ€™s thistle (Cirsium hillii). Botany, 2010, 88, 1073-1080.	1.0	9
32	Increased spatial-genetic structure in a population of the clonal aquatic plant Sagittaria latifolia (Alismataceae) following disturbance. Heredity, 2020, 124, 514-523.	2.6	8
33	A new species of Stenodiplosis (Diptera: Cecidomyiidae) on florets of the invasive common reed (Phragmites australis) and its effects on seed production. Canadian Entomologist, 2013, 145, 235-246.	0.8	7
34	Preliminary characterization of Typha latifolia and T. angustifolia from North America and Europe based on novel microsatellite markers identified through next-generation sequencing. Fundamental and Applied Limnology, 2013, 182, 247-252.	0.7	7
35	Spatial dynamics of pollination in dioecious Shepherdia canadensis (Elaeagnaceae). Plant Ecology, 2015, 216, 1213-1223.	1.6	7
36	Variation in glyphosate effects and accumulation in emergent macrophytes. Management of Biological Invasions, 2021, 12, 66-84.	1.2	7

#	Article	IF	Citations
37	Sex-ratio variation and the function of staminodes in Aralia nudicaulis1This article is part of a Special Issue entitled â€œPollination biology research in Canada: Perspectives on a mutualism at different scalesâ€•. Botany, 2012, 90, 575-585.	1.0	6
38	Wind pollination, clonality, and the evolutionary maintenance of spatial segregation of the sexes. Evolutionary Ecology, 2014, 28, 1121-1138.	1.2	6
39	Widespread cytonuclear discordance in narrow-leaved cattail (Typha angustifolia) does not explain the dominance of its invasive hybrid (Typha Ã— glauca). Hydrobiologia, 2017, 792, 53-65.	2.0	6
40	Lifeâ€history tradeâ€offs promote the evolution of dioecy. Journal of Evolutionary Biology, 2018, 31, 1405-1412.	1.7	6
41	Limited phenological and pollinator-mediated isolation among selfing and outcrossing Arabidopsis lyrata populations. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20202323.	2.6	5
42	Garlic mustard (Alliaria petiolata) is associated with an overall reduction in plant diversity, but is more likely to co-exist with native than alien species. Plant Ecology and Diversity, 2019, 12, 427-439.	2.4	4
43	No evidence for incipient speciation by selfing in North American Arabidopsis lyrata. Journal of Evolutionary Biology, 2021, 34, 1397-1405.	1.7	4
44	A shift towards the annual habit in selfing Arabidopsis lyrata. Biology Letters, 2020, 16, 20200402.	2.3	4
45	Patterns of pollen dispersal and mating in a population of the clonal plant Sagittaria latifolia. Journal of Ecology, 2020, 108, 1941-1955.	4.0	3
46	Law of the unspecialized: broken?. Trends in Ecology and Evolution, 2001, 16, 426.	8.7	2
47	Hermaphroditic Sex Allocation Evolves When Mating Opportunities Change. Current Biology, 2009, 19, 620.	3.9	2
48	Sex ratio variation in gynodioecious species of Echium endemic to the Canary Islands. Botany, 2010, 88, 211-216.	1.0	2
49	Outcrossing rates in an experimentally admixed population of self-compatible and self-incompatible Arabidopsis lyrata. Heredity, 2022, 128, 56-62.	2.6	1
50	Patterns of pollen dispersal and pollen capture in the hybridizing cattails, Typha latifolia and T. angustifolia. Botany, 0, , .	1.0	1