

Marcel E Dorken

List of Publications by Year in descending order

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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	Outcrossing rates in an experimentally admixed population of self-compatible and self-incompatible <i>Arabidopsis lyrata</i> . <i>Heredity</i> , 2022, 128, 56-62.	2.6	1
2	Variation in glyphosate effects and accumulation in emergent macrophytes. <i>Management of Biological Invasions</i> , 2021, 12, 66-84.	1.2	7
3	No evidence for incipient speciation by selfing in North American <i>Arabidopsis lyrata</i> . <i>Journal of Evolutionary Biology</i> , 2021, 34, 1397-1405.	1.7	4
4	Increased spatial-genetic structure in a population of the clonal aquatic plant <i>Sagittaria latifolia</i> (Alismataceae) following disturbance. <i>Heredity</i> , 2020, 124, 514-523.	2.6	8
5	Salinity, not genetic incompatibilities, limits the establishment of the invasive hybrid cattail <i>Typha glauca</i> in coastal wetlands. <i>Ecology and Evolution</i> , 2020, 10, 12091-12103.	1.9	12
6	Genetic structure in hybrids and progenitors provides insight into processes underlying an invasive cattail (<i>Typha glauca</i>) hybrid zone. <i>Heredity</i> , 2020, 124, 714-725.	2.6	21
7	Patterns of pollen dispersal and mating in a population of the clonal plant <i>Sagittaria latifolia</i> . <i>Journal of Ecology</i> , 2020, 108, 1941-1955.	4.0	3
8	A shift towards the annual habit in selfing <i>Arabidopsis lyrata</i> . <i>Biology Letters</i> , 2020, 16, 20200402.	2.3	4
9	Limited phenological and pollinator-mediated isolation among selfing and outcrossing <i>Arabidopsis lyrata</i> populations. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20202323.	2.6	5
10	Garlic mustard (<i>Alliaria petiolata</i>) is associated with an overall reduction in plant diversity, but is more likely to co-exist with native than alien species. <i>Plant Ecology and Diversity</i> , 2019, 12, 427-439.	2.4	4
11	The effects of leaf litter and competition from hybrid cattails (<i>Typha glauca</i>) on the seed germination and seedling performance of its parental species. <i>Aquatic Botany</i> , 2018, 145, 29-36.	1.6	13
12	Coexistence of <i>Typha latifolia</i> , <i>T. angustifolia</i> (Typhaceae) and their invasive hybrid is not explained by niche partitioning across water depths. <i>Aquatic Botany</i> , 2018, 144, 46-53.	1.6	17
13	Life-history trade-offs promote the evolution of dioecy. <i>Journal of Evolutionary Biology</i> , 2018, 31, 1405-1412.	1.7	6
14	Asymmetric Hybridization in Cattails (<i>Typha</i> spp.) and Its Implications for the Evolutionary Maintenance of Native <i>Typha latifolia</i> . <i>Journal of Heredity</i> , 2017, 108, 479-487.	2.4	26
15	Widespread cytonuclear discordance in narrow-leaved cattail (<i>Typha angustifolia</i>) does not explain the dominance of its invasive hybrid (<i>Typha glauca</i>). <i>Hydrobiologia</i> , 2017, 792, 53-65.	2.0	6
16	Correlated paternity measures mate monopolization and scales with the magnitude of sexual selection. <i>Journal of Evolutionary Biology</i> , 2017, 30, 377-387.	1.7	10
17	Small-scale and regional spatial dynamics of an annual plant with contrasting sexual systems. <i>Journal of Ecology</i> , 2017, 105, 1044-1057.	4.0	16
18	Ecological and evolutionary consequences of sexual and clonal reproduction in aquatic plants. <i>Aquatic Botany</i> , 2016, 135, 46-61.	1.6	78

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19	Hybrid <i>Typha</i> — <i>glauca</i> outperforms native <i>T. latifolia</i> under contrasting water depths in a common garden. <i>Basic and Applied Ecology</i> , 2015, 16, 394-402.	2.7	22
20	Consequences of clonality for sexual fitness: Clonal expansion enhances fitness under spatially restricted dispersal. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 8929-8936.	7.1	36
21	Spatial dynamics of pollination in dioecious <i>Shepherdia canadensis</i> (Elaeagnaceae). <i>Plant Ecology</i> , 2015, 216, 1213-1223.	1.6	7
22	Analysis of pollination neighbourhood size using spatial analysis of pollen and seed production in broadleaf cattail (<i>Typha latifolia</i>). <i>Botany</i> , 2015, 93, 91-100.	1.0	25
23	Wind pollination, clonality, and the evolutionary maintenance of spatial segregation of the sexes. <i>Evolutionary Ecology</i> , 2014, 28, 1121-1138.	1.2	6
24	Sexual dimorphism in leaf nitrogen content but not photosynthetic rates in <i>Sagittaria latifolia</i> (Alismataceae). <i>Botany</i> , 2014, 92, 109-112.	1.0	10
25	A new species of <i>Stenodiplosis</i> (Diptera: Cecidomyiidae) on florets of the invasive common reed (<i>Phragmites australis</i>) and its effects on seed production. <i>Canadian Entomologist</i> , 2013, 145, 235-246.	0.8	7
26	Preliminary characterization of <i>Typha latifolia</i> and <i>T. angustifolia</i> from North America and Europe based on novel microsatellite markers identified through next-generation sequencing. <i>Fundamental and Applied Limnology</i> , 2013, 182, 247-252.	0.7	7
27	Sex-ratio variation versus interplant distances in the regulation of pollen deposition and seed production in dioecious <i>Cirsium arvense</i> (Asteraceae) ¹ This article is part of a Special Issue entitled "Pollination biology research in Canada: Perspectives on a mutualism at different scales". <i>Botany</i> , 2012, 90, 565-573.	1.0	11
28	Trade-offs between clonal and sexual reproduction in <i>Sagittaria latifolia</i> (Alismataceae) scale up to affect the fitness of entire clones. <i>New Phytologist</i> , 2012, 196, 606-616.	7.3	82
29	Sex-ratio variation and the function of staminodes in <i>Aralia nudicaulis</i> This article is part of a Special Issue entitled "Pollination biology research in Canada: Perspectives on a mutualism at different scales". <i>Botany</i> , 2012, 90, 575-585.	1.0	6
30	Two's Company, Three's a Crowd: Experimental Evaluation of the Evolutionary Maintenance of Trioecy in <i>Mercurialis annua</i> (Euphorbiaceae). <i>PLoS ONE</i> , 2012, 7, e35597.	2.5	23
31	No evidence for niche segregation in a North American Cattail (<i>Typha</i>) species complex. <i>Ecology and Evolution</i> , 2012, 2, 952-961.	1.9	21
32	THE EVOLUTION OF MALES: SUPPORT FOR PREDICTIONS FROM SEX ALLOCATION THEORY USING MATING ARRAYS OF <i>SAGITTARIA LATIFOLIA</i> (ALISMATACEAE). <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 2782-2791.	2.3	15
33	The Ecological and Evolutionary Consequences of Clonality for Plant Mating. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2010, 41, 193-213.	8.3	266
34	Sex allocation in clonal plants: might clonal expansion enhance fitness gains through male function?. <i>Evolutionary Ecology</i> , 2010, 24, 1463-1474.	1.2	19
35	Conservation genetics of Hill's thistle (<i>Cirsium hillii</i>). <i>Botany</i> , 2010, 88, 1073-1080.	1.0	9
36	Sex ratio variation in gynodioecious species of <i>Echium</i> endemic to the Canary Islands. <i>Botany</i> , 2010, 88, 211-216.	1.0	2

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37	Hermaphroditic Sex Allocation Evolves When Mating Opportunities Change. <i>Current Biology</i> , 2009, 19, 514-517.	3.9	53
38	Hermaphroditic Sex Allocation Evolves When Mating Opportunities Change. <i>Current Biology</i> , 2009, 19, 620.	3.9	2
39	Isolation and characterization of 11 microsatellite markers from <i>Sagittaria latifolia</i> (Alismataceae). <i>Molecular Ecology Resources</i> , 2009, 9, 579-581.	4.8	12
40	PHENOTYPIC PLASTICITY OF HERMAPHRODITE SEX ALLOCATION PROMOTES THE EVOLUTION OF SEPARATE SEXES: AN EXPERIMENTAL TEST OF THE SEX-DIFFERENTIAL PLASTICITY HYPOTHESIS USING <i>SAGITTARIA LATIFOLIA</i> (ALISMATACEAE). <i>Evolution; International Journal of Organic Evolution</i> , 2008, 62, 971-978.	2.3	28
41	Density-Dependent Regulation of the Sex Ratio in an Annual Plant. <i>American Naturalist</i> , 2008, 171, 824-830.	2.1	36
42	Colonisation as a common denominator in plant metapopulations and range expansions: effects on genetic diversity and sexual systems. <i>Landscape Ecology</i> , 2006, 21, 837-848.	4.2	66
43	Haldane's Sieve™ in a metapopulation: sifting through plant reproductive polymorphisms. <i>Trends in Ecology and Evolution</i> , 2005, 20, 374-379.	8.7	33
44	Sex determination and the evolution of dioecy from monoecy in <i>Sagittaria latifolia</i> (Alismataceae). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004, 271, 213-219.	2.6	80
45	Phenotypic plasticity of vegetative and reproductive traits in monoecious and dioecious populations of <i>Sagittaria latifolia</i> (Alismataceae): a clonal aquatic plant. <i>Journal of Ecology</i> , 2004, 92, 32-44.	4.0	109
46	LIFE-HISTORY DIFFERENTIATION AND THE MAINTENANCE OF MONOECY AND DIOECY IN <i>SAGITTARIA LATIFOLIA</i> (ALISMATACEAE). <i>Evolution; International Journal of Organic Evolution</i> , 2003, 57, 1973-1988.	2.3	46
47	THE EVOLUTION AND MAINTENANCE OF MONOECY AND DIOECY IN <i>SAGITTARIA LATIFOLIA</i> (ALISMATACEAE). <i>Evolution; International Journal of Organic Evolution</i> , 2002, 56, 31-41.	2.3	103
48	Law of the unspecialized: broken?. <i>Trends in Ecology and Evolution</i> , 2001, 16, 426.	8.7	2
49	Severely reduced sexual reproduction in northern populations of a clonal plant, <i>Decodon verticillatus</i> (Lythraceae). <i>Journal of Ecology</i> , 2001, 89, 339-350.	4.0	540
50	Patterns of pollen dispersal and pollen capture in the hybridizing cattails, <i>Typha latifolia</i> and <i>T. angustifolia</i> . <i>Botany</i> , 0, , .	1.0	1