

Donald A Levin

List of Publications by Year in descending order

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Version: 2024-02-01

95
papers

5,313
citations

81743

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69
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96
all docs

96
docs citations

96
times ranked

3568
citing authors

#	ARTICLE	IF	CITATIONS
1	Propagule pressure and the establishment of emergent polyploid populations. <i>Annals of Botany</i> , 2021, 127, 1-5.	1.4	8
2	Did dysploid waves follow the pulses of whole genome duplications?. <i>Plant Systematics and Evolution</i> , 2020, 306, 1.	0.3	9
3	Has the Polyploid Wave Ebbed?. <i>Frontiers in Plant Science</i> , 2020, 11, 251.	1.7	18
4	Plant speciation in the age of climate change. <i>Annals of Botany</i> , 2019, 124, 769-775.	1.4	45
5	Intraspecific lineages as focal points in the extinction and persistence of species. <i>Plant Systematics and Evolution</i> , 2019, 305, 719-726.	0.3	12
6	Why polyploid exceptionalism is not accompanied by reduced extinction rates. <i>Plant Systematics and Evolution</i> , 2019, 305, 1-11.	0.3	24
7	Factors promoting polyploid persistence and diversification and limiting diploid speciation during the Kâ€Pg interlude. <i>Current Opinion in Plant Biology</i> , 2018, 42, 1-7.	3.5	59
8	On the young age of intraspecific herbaceous taxa. <i>New Phytologist</i> , 2017, 213, 1513-1520.	3.5	7
9	Critical factors in the establishment of allopolyploids. <i>American Journal of Botany</i> , 2016, 103, 1236-1251.	0.8	74
10	On the relative abundance of autopolyploids and allopolyploids. <i>New Phytologist</i> , 2016, 210, 391-398.	3.5	340
11	Polyploid Formation Shapes Flowering Plant Diversity. <i>American Naturalist</i> , 2014, 184, 456-465.	1.0	49
12	The timetable for allopolyploidy in flowering plants. <i>Annals of Botany</i> , 2013, 112, 1201-1208.	1.4	26
13	The long wait for hybrid sterility in flowering plants. <i>New Phytologist</i> , 2012, 196, 666-670.	3.5	46
14	Mating system shifts on the trailing edge. <i>Annals of Botany</i> , 2012, 109, 613-620.	1.4	92
15	Polyploidy and ecological transfiguration in <i>Achillea</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 6697-6698.	3.3	16
16	Enhancement of Allee effects in plants due to self-incompatibility alleles. <i>Journal of Ecology</i> , 2009, 97, 518-527.	1.9	28
17	Flowering-time plasticity facilitates niche shifts in adjacent populations. <i>New Phytologist</i> , 2009, 183, 661-666.	3.5	85
18	ON THE ABUNDANCE OF POLYPLOIDS IN FLOWERING PLANTS. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 1198-1206.	1.1	153

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19	Isolate Selection and Ecological Speciation. <i>Systematic Botany</i> , 2005, 30, 233-241.	0.2	7
20	Phyletic hot spots for B chromosomes in angiosperms. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 962-9.	1.1	12
21	The ecological transition in speciation. <i>New Phytologist</i> , 2004, 161, 91-96.	3.5	96
22	50 years of plant speciation. <i>Taxon</i> , 2001, 50, 69-91.	0.4	18
23	Directional selection on initial flowering date in <i>Phlox drummondii</i> (Polemoniaceae). <i>American Journal of Botany</i> , 2000, 87, 382-391.	0.8	27
24	Natural hybridization between an outcrossing and a selfing <i>Phlox</i> (Polemoniaceae): The maternal species of F1 hybrids. <i>Plant Systematics and Evolution</i> , 1999, 218, 153-158.	0.3	28
25	Genetic and phenotypic correlations in plants: a botanical test of Cheverud's conjecture. <i>Heredity</i> , 1998, 80, 310-319.	1.2	120
26	RESPONSE TO SELECTION ON AUTOGAMY IN <i>PHLOX</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1996, 50, 892-899.	1.1	35
27	Hybridization and the Extinction of Rare Plant Species. <i>Conservation Biology</i> , 1996, 10, 10-16.	2.4	533
28	Microgametophytes in flowers with and without fruits of <i>Phlox drummondii</i> (Polemoniaceae). <i>Plant Systematics and Evolution</i> , 1996, 201, 211-221.	0.3	8
29	NATURAL SELECTION AGAINST WHITE PETALS IN <i>PHLOX</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1995, 49, 1017-1022.	1.1	59
30	Metapopulations: an arena for local speciation. <i>Journal of Evolutionary Biology</i> , 1995, 8, 635-644.	0.8	41
31	Effect of inbreeding on autogamy in <i>Phlox</i> . <i>Heredity</i> , 1995, 74, 108-113.	1.2	5
32	S-gene polymorphism in <i>Phlox drummondii</i> . <i>Heredity</i> , 1993, 71, 193-198.	1.2	46
33	THE EFFECT OF INBREEDING ON SEED SURVIVORSHIP IN <i>PHLOX</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1991, 45, 1047-1049.	1.1	28
34	QUANTITATIVE GENETICS OF FITNESS TRAITS IN A WILD POPULATION OF <i>PHLOX</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1991, 45, 169-177.	1.1	59
35	Outcrossing rates as related to plant density in <i>Phlox drummondii</i> . <i>Heredity</i> , 1990, 65, 81-89.	1.2	53
36	Phenotypic plasticity in <i>Phlox</i> . III. Variation among natural populations of <i>P. drummondii</i> . <i>Journal of Evolutionary Biology</i> , 1990, 3, 411-428.	0.8	58

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37	SIZES OF NATURAL MICROGAMETOPHYTE POPULATIONS IN PISTILS OF PHLOX DRUMMONDII. American Journal of Botany, 1990, 77, 356-363.	0.8	39
38	SIZES OF NATURAL MICROGAMETOPHYTE POPULATIONS IN PISTILS OF PHLOX DRUMMONDII. , 1990, 77, 356.		14
39	EFFECTS OF PARENTAL IDENTITIES AND ENVIRONMENT ON COMPONENTS OF CROSSING SUCCESS IN PHLOX DRUMMONDII. American Journal of Botany, 1989, 76, 409-418.	0.8	39
40	QUANTITATIVE VARIATION IN PHLOX: COMPARISON OF SELFING AND OUTCROSSING SPECIES. American Journal of Botany, 1989, 76, 577-588.	0.8	22
41	PROXIMITY-DEPENDENT CROSS-COMPATIBILITY IN <i>PHLOX</i> . Evolution; International Journal of Organic Evolution, 1989, 43, 1114-1116.	1.1	30
42	INBREEDING DEPRESSION IN PARTIALLY SELF-FERTILIZING <i>PHLOX</i> . Evolution; International Journal of Organic Evolution, 1989, 43, 1417-1423.	1.1	44
43	QUANTITATIVE VARIATION IN PHLOX: COMPARISON OF SELFING AND OUTCROSSING SPECIES. , 1989, 76, 577.		9
44	EFFECTS OF PARENTAL IDENTITIES AND ENVIRONMENT ON COMPONENTS OF CROSSING SUCCESS IN PHLOX DRUMMONDII. , 1989, 76, 409.		11
45	PHENOTYPIC PLASTICITY IN PHLOX. I. WILD AND CULTIVATED POPULATIONS OF P. DRUMMONDII. American Journal of Botany, 1988, 75, 161-169.	0.8	26
46	COMPETITIVE RELATIONSHIPS OF OENOTHERA SPECIES WITH DIFFERENT RECOMBINATION SYSTEMS. American Journal of Botany, 1988, 75, 1175-1180.	0.8	2
47	EFFECTS OF HYBRIDIZATION AND INBREEDING ON FITNESS IN PHLOX. American Journal of Botany, 1988, 75, 1632-1639.	0.8	43
48	PHENOTYPIC PLASTICITY IN PHLOX. I. WILD AND CULTIVATED POPULATIONS OF P. DRUMMONDII. , 1988, 75, 161.		9
49	EFFECTS OF HYBRIDIZATION AND INBREEDING ON FITNESS IN PHLOX. , 1988, 75, 1632.		25
50	ASSOCIATIONS BETWEEN ALLOZYME FREQUENCIES AND SOIL CHARACTERISTICS IN <i>GAILLARDIA PULCHELLA</i> (COMPOSITAE). Evolution; International Journal of Organic Evolution, 1985, 39, 1076-1086.	1.1	36
51	THE COMPARATIVE DEMOGRAPHY OF RECIPROCALLY SOWN POPULATIONS OF <i>PHLOX DRUMMONDII</i> HOOK. I. SURVIVORSHIPS, FECUNDITIES, AND FINITE RATES OF INCREASE. Evolution; International Journal of Organic Evolution, 1985, 39, 396-404.	1.1	77
52	REPRODUCTIVE CHARACTER DISPLACEMENT IN <i>PHLOX</i> . Evolution; International Journal of Organic Evolution, 1985, 39, 1275-1281.	1.1	98
53	Extraneous pollen advantage in <i>Phlox cuspidata</i> . Heredity, 1985, 54, 145-148.	1.2	7
54	DYNAMICS OF A HYBRID ZONE IN PHLOX: AN EXPERIMENTAL DEMOGRAPHIC INVESTIGATION. American Journal of Botany, 1985, 72, 1404-1409.	0.8	45

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55	DYNAMICS OF A HYBRID ZONE IN PHLOX: AN EXPERIMENTAL DEMOGRAPHIC INVESTIGATION. , 1985, 72, 1404.		14
56	DYNAMICS OF SYNTHETIC PHLOX DRUMMONDII POPULATIONS AT THE SPECIES MARGIN. American Journal of Botany, 1984, 71, 1040-1050.	0.8	39
57	Kin-Founding and the Fixation of Chromosomal Variants. American Naturalist, 1984, 124, 789-797.	1.0	42
58	Ecological Constraints on the Establishment of a Novel Polyploid in Competition with Its Diploid Progenitor. American Naturalist, 1984, 124, 703-711.	1.0	221
59	PHENOTYPIC PLASTICITY OF ANNUAL PHLOX: TESTS OF SOME HYPOTHESES. American Journal of Botany, 1984, 71, 252-260.	0.8	130
60	Assortative mating in phlox. Heredity, 1984, 53, 595-602.	1.2	27
61	INBREEDING DEPRESSION AND PROXIMITY-DEPENDENT CROSSING SUCCESS IN PHLOX DRUMMONDII. Evolution; International Journal of Organic Evolution, 1984, 38, 116-127.	1.1	201
62	GENETIC VARIATION AND DIVERGENCE IN A DISJUNCT PHLOX. Evolution; International Journal of Organic Evolution, 1984, 38, 223-225.	1.1	11
63	DYNAMICS OF SYNTHETIC PHLOX DRUMMONDII POPULATIONS AT THE SPECIES MARGIN. , 1984, 71, 1040.		18
64	PHENOTYPIC PLASTICITY OF ANNUAL PHLOX: TESTS OF SOME HYPOTHESES. , 1984, 71, 252.		52
65	Reproductive Tactics. Science, 1983, 222, 1322-1322.	6.0	0
66	AN IMMIGRATION-HYBRIDIZATION EPISODE IN <i>PHLOX</i> . Evolution; International Journal of Organic Evolution, 1983, 37, 575-582.	1.1	15
67	POLLEN-PISTIL RELATIONSHIPS IN THE POLEMONIACEAE. Evolution; International Journal of Organic Evolution, 1983, 37, 957-967.	1.1	47
68	Association of alleles with chromosomal complexes in the permanent translocation heterozygote, <i>Oenothera lacinata</i> . Heredity, 1980, 44, 169-176.	1.2	7
69	PROTEIN POLYMORPHISM IN THE NARROW ENDEMIC <i>OENOTHERA ORGANENSIS</i> . Evolution; International Journal of Organic Evolution, 1979, 33, 534-542.	1.1	67
70	GENETIC VARIATION IN ANNUAL PHLOX: SELF-INCOMPATIBLE VERSUS SELF-INCOMPATIBLE SPECIES. Evolution; International Journal of Organic Evolution, 1978, 32, 245-263.	1.1	96
71	MORPHOLOGICAL DIFFERENTIATION AND NEIGHBORHOOD SIZE IN LIATRIS CYLINDRACEA. American Journal of Botany, 1978, 65, 923-928.	0.8	33
72	MORPHOLOGICAL DIFFERENTIATION AND NEIGHBORHOOD SIZE IN LIATRIS CYLINDRACEA. , 1978, 65, 923.		8

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73	THE ORGANIZATION OF GENETIC VARIABILITY IN <i>PHLOX DRUMMONDII</i> . Evolution; International Journal of Organic Evolution, 1977, 31, 477-494.	1.1	85
74	CONSEQUENCES OF LONG-TERM ARTIFICIAL SELECTION, INBREEDING, AND ISOLATION IN PHLOX : I. THE EVOLUTION OF CROSS-INCOMPATIBILITY. Evolution; International Journal of Organic Evolution, 1976, 30, 335-344.	1.1	11
75	CONSEQUENCES OF LONG-TERM ARTIFICIAL SELECTION, INBREEDING AND ISOLATION IN <i>PHLOX</i> . II. THE ORGANIZATION OF ALLOZYMIC VARIABILITY. Evolution; International Journal of Organic Evolution, 1976, 30, 463-472.	1.1	36
76	INTERSPECIFIC HYBRIDIZATION, HETEROZYGOSITY AND GENE EXCHANGE IN <i>PHLOX</i> . Evolution; International Journal of Organic Evolution, 1975, 29, 37-51.	1.1	66
77	THE NOVEL FLAVONOID CHEMISTRY AND PHYLOGENETIC ORIGIN OF <i>PHLOX FLORIDANA</i> . Evolution; International Journal of Organic Evolution, 1975, 29, 487-499.	1.1	22
78	Pollen Morphology of Polemoniaceae in Relation to Systematics and Pollination Systems: Scanning Electron Microscopy. Grana, 1975, 15, 92-112.	0.4	54
79	Allozyme genetics in permanent translocation heterozygotes of the <i>Oenothera biennis</i> complex. Biochemical Genetics, 1975, 13, 487-500.	0.8	21
80	The effect of gene dispersal on the dynamics and statics of gene substitution in plants. Heredity, 1975, 35, 317-336.	1.2	22
81	SOMATIC CELL HYBRIDIZATION: APPLICATION IN PLANT SYSTEMATICS. Taxon, 1975, 24, 261-270.	0.4	5
82	MINORITY CYTOTYPE EXCLUSION IN LOCAL PLANT POPULATIONS. Taxon, 1975, 24, 35-43.	0.4	585
83	GENIC HETEROZYGOSITY AND PROTEIN POLYMORPHISM AMONG LOCAL POPULATIONS OF <i>OENOTHERA BIENNIS</i> . Genetics, 1975, 79, 477-491.	1.2	53
84	GENIC HETEROZYGOSITY AND VARIATION IN PERMANENT TRANSLOCATION HETEROZYGOTES OF THE <i>OENOTHERA BIENNIS</i> COMPLEX. Genetics, 1975, 79, 493-512.	1.2	56
85	NOVEL FLAVONOIDS AND RETICULATE EVOLUTION IN THE <i>PHLOX PILOSA</i> - <i>P. DRUMMONDII</i> COMPLEX. American Journal of Botany, 1974, 61, 156-167.	0.8	27
86	SPATIAL SEGREGATION OF PINS AND THRUMS IN POPULATIONS OF <i>HEDYOTIS NIGRICANS</i> . Evolution; International Journal of Organic Evolution, 1974, 28, 648-655.	1.1	29
87	NOVEL FLAVONOIDS AND RETICULATE EVOLUTION IN THE <i>PHLOX PILOSA</i> - <i>P. DRUMMONDII</i> COMPLEX. , 1974, 61, 156.		20
88	THE AGE STRUCTURE OF A HYBRID SWARM IN LIATRIS (COMPOSITAE). Evolution; International Journal of Organic Evolution, 1973, 27, 532-535.	1.1	9
89	GENETIC VARIATION IN <i>LYCOPODIUM LUCIDULUM</i> : A PHYLOGENETIC RELIC. Evolution; International Journal of Organic Evolution, 1973, 27, 622-632.	1.1	38
90	COMPETITION FOR POLLINATOR SERVICE: A STIMULUS FOR THE EVOLUTION OF AUTOGAMY. Evolution; International Journal of Organic Evolution, 1972, 26, 668-669.	1.1	112

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91	A CHROMATOGRAPHIC STUDY OF CESPITOSE ZINNIAS. American Journal of Botany, 1964, 51, 639-643.	0.8	20
92	A CHROMATOGRAPHIC STUDY OF RETICULATE EVOLUTION IN THE APPALACHIAN ASPLENIUM COMPLEX. American Journal of Botany, 1963, 50, 952-958.	0.8	62
93	NATURAL HYBRIDIZATION BETWEEN PHLOX MACULATA AND PHLOX GLABERRIMA AND ITS EVOLUTIONARY SIGNIFICANCE. American Journal of Botany, 1963, 50, 714-720.	0.8	25
94	NATURAL HYBRIDIZATION BETWEEN PHLOX MACULATA AND PHLOX GLABERRIMA AND ITS EVOLUTIONARY SIGNIFICANCE. , 1963, 50, 714.		14
95	Genetic and phenotypic correlations in plants: a botanical test of Cheverud's conjecture. , 0, .		13