

Nickolas M Waser

List of Publications by Year in descending order

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53
papers

6,583
citations

87843

38
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182361

51
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54
all docs

54
docs citations

54
times ranked

4154
citing authors

#	ARTICLE	IF	CITATIONS
1	ENDANGERED MUTUALISMS: The Conservation of Plant-Pollinator Interactions. Annual Review of Ecology, Evolution, and Systematics, 1998, 29, 83-112.	6.7	1,327
2	Flower Constancy, Insect Psychology, and Plant Evolution. Die Naturwissenschaften, 1999, 86, 361-377.	0.6	543
3	The Production of Dilute Nectars by Hummingbird and Honeyeater Flowers. Biotropica, 1981, 13, 260.	0.8	237
4	COMPONENTS OF PHENOTYPIC SELECTION: POLLEN EXPORT AND FLOWER COROLLA WIDTH IN <i>IPOMOPSIS AGGREGATA</i> . Evolution; International Journal of Organic Evolution, 1991, 45, 1458-1467.	1.1	231
5	EFFECTS OF EXPERIMENTAL WARMING ON PLANT REPRODUCTIVE PHENOLOGY IN A SUBALPINE MEADOW. Ecology, 1998, 79, 1261-1271.	1.5	231
6	Effective mutualism between sequentially flowering plant species. Nature, 1979, 281, 670-672.	13.7	229
7	WHY RED FLOWERS ARE NOT INVISIBLE TO BEES. Israel Journal of Plant Sciences, 1997, 45, 169-183.	0.3	199
8	TEMPORAL AND SPATIAL VARIATION IN POLLINATION OF A MONTANE HERB: A SEVEN-YEAR STUDY. Ecology, 2005, 86, 2106-2116.	1.5	191
9	Pollen precedence and stigma closure: a mechanism of competition for pollination between <i>Delphinium nelsonii</i> and <i>Ipomopsis aggregata</i> . Oecologia, 1986, 70, 573-577.	0.9	185
10	POLLINATOR CHOICE AND STABILIZING SELECTION FOR FLOWER COLOR IN <i>DELPHINIUM NELSONII</i> . Evolution; International Journal of Organic Evolution, 1981, 35, 376-390.	1.1	184
11	REPRODUCTIVE COSTS OF SELF-POLLINATION IN <i>IPOMOPSIS AGGREGATA</i> (POLEMONIACEAE): ARE OVULES USURPED?. American Journal of Botany, 1991, 78, 1036-1043.	0.8	176
12	A comparison of distances flown by different visitors to flowers of the same species. Oecologia, 1982, 55, 251-257.	0.9	163
13	CROSSING-DISTANCE EFFECTS IN <i>DELPHINIUM NELSONII</i> : OUTBREEDING AND INBREEDING DEPRESSION IN PROGENY FITNESS. Evolution; International Journal of Organic Evolution, 1994, 48, 842-852.	1.1	160
14	Pollinator behaviour and natural selection for flower colour in <i>Delphinium nelsonii</i> . Nature, 1983, 302, 422-424.	13.7	146
15	HUMMINGBIRD BEHAVIOR AND MECHANISMS OF SELECTION ON FLOWER COLOR IN <i>IPOMOPSIS</i> . Ecology, 1997, 78, 2532-2541.	1.5	144
16	Effects of local density on pollination and reproduction in <i>Delphinium nuttallianum</i> and <i>Aconitum columbianum</i> (Ranunculaceae). American Journal of Botany, 1999, 86, 871-879.	0.8	143
17	Plant size, geitonogamy and seed set in <i>Ipomopsis aggregata</i> . Oecologia, 1992, 89, 310-315.	0.9	129
18	Experimental studies of pollen carryover: Hummingbirds and <i>Ipomopsis aggregata</i> . Oecologia, 1982, 54, 353-358.	0.9	126

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19	Comparative studies of pollen and fluorescent dye transport by bumble bees visiting <i>Erythronium grandiflorum</i> . <i>Oecologia</i> , 1986, 69, 561-566.	0.9	119
20	The effect of nectar guides on pollinator preference: experimental studies with a montane herb. <i>Oecologia</i> , 1985, 67, 121-126.	0.9	107
21	RECIPROCAL TRANSPLANT EXPERIMENTS WITH <i>DELPHINIUM NELSONII</i> (RANUNCULACEAE): EVIDENCE FOR LOCAL ADAPTATION. <i>American Journal of Botany</i> , 1985, 72, 1726-1732.	0.8	105
22	Long-distance pollinator flights and pollen dispersal between populations of <i>Delphinium nuttallianum</i> . <i>Oecologia</i> , 2001, 127, 239-245.	0.9	101
23	Experimental manipulation of plant density and its effect on pollination and reproduction of two confamilial montane herbs. <i>Oecologia</i> , 2001, 126, 76-83.	0.9	100
24	Experimental studies of pollen carryover: effects of floral variability in <i>Ipomopsis aggregata</i> . <i>Oecologia</i> , 1984, 62, 262-268.	0.9	98
25	Drought, pollen and nectar availability, and pollination success. <i>Ecology</i> , 2016, 97, 1400-1409.	1.5	93
26	VARIATION IN POLLEN FLOW WITHIN AND AMONG POPULATIONS OF <i>IPOMOPSIS AGGREGATA</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1989, 43, 1444-1455.	1.1	92
27	INDIRECT SELECTION OF STIGMA POSITION IN <i>IPOMOPSIS AGGREGATA</i> VIA A GENETICALLY CORRELATED TRAIT. <i>Evolution; International Journal of Organic Evolution</i> , 1994, 48, 55-68.	1.1	92
28	THE EFFECT OF <i>DELPHINIUM NELSONII</i> POLLEN ON SEED SET IN <i>IPOMOPSIS AGGREGATA</i> , A COMPETITOR FOR HUMMINGBIRD POLLINATION. <i>American Journal of Botany</i> , 1985, 72, 1144-1148.	0.8	88
29	OUTBREEDING DEPRESSION VARIES AMONG COHORTS OF <i>IPOMOPSIS AGGREGATA</i> PLANTED IN NATURE. <i>Evolution; International Journal of Organic Evolution</i> , 2000, 54, 485-491.	1.1	87
30	Spatial genetic heterogeneity in a population of the montane perennial plant <i>Delphinium nelsonii</i> . <i>Heredity</i> , 1987, 58, 249-256.	1.2	80
31	Effects of grazing on diversity of annual plants in the Sonoran Desert. <i>Oecologia</i> , 1981, 50, 407-411.	0.9	59
32	BRIDGING THE GENERATION GAP IN PLANTS: POLLINATION, PARENTAL FECUNDITY, AND OFFSPRING DEMOGRAPHY. <i>Ecology</i> , 2008, 89, 1596-1604.	1.5	58
33	Self-sterility in <i>Ipomopsis aggregata</i> (Polemoniaceae) is due to prezygotic ovule degeneration. <i>American Journal of Botany</i> , 2006, 93, 254-262.	0.8	54
34	RESPONSES OF SUBALPINE MEADOW VEGETATION TO FOUR YEARS OF EXPERIMENTAL WARMING. , 2000, 10, 811-823.		49
35	Tests of pre- and postpollination barriers to hybridization between sympatric species of <i>Ipomopsis</i> (Polemoniaceae). <i>American Journal of Botany</i> , 2001, 88, 213-219.	0.8	48
36	Reciprocal Transplant Experiments with <i>Delphinium nelsonii</i> (Ranunculaceae): Evidence for Local Adaptation. <i>American Journal of Botany</i> , 1985, 72, 1726.	0.8	47

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37	Nectar Standing Crops in <i>Delphinium Nelsonii</i> Flowers: Spatial Autocorrelation among Plants?. <i>Ecology</i> , 1990, 71, 116-123.	1.5	45
38	SEED CACHING BY HETEROMYID RODENTS FROM TWO COMMUNITIES: IMPLICATIONS FOR COEXISTENCE. <i>Journal of Mammalogy</i> , 2000, 81, 97-106.	0.6	45
39	POPULATION STRUCTURE, FREQUENCY-DEPENDENT SELECTION, AND THE MAINTENANCE OF SEXUAL REPRODUCTION. <i>Evolution; International Journal of Organic Evolution</i> , 1982, 36, 35-43.	1.1	42
40	SEED SET AND SEED MASS IN <i>IPOMOPSIS AGGREGATA</i> : VARIANCE PARTITIONING AND INFERENCES ABOUT POSTPOLLINATION SELECTION. <i>Evolution; International Journal of Organic Evolution</i> , 1995, 49, 80-88.	1.1	31
41	Site-fidelity, longevity, and population dynamics of broad-tailed hummingbirds: a ten year study. <i>Oecologia</i> , 1983, 56, 359-364.	0.9	30
42	The Effect of <i>Delphinium nelsonii</i> Pollen on Seed Set in <i>Ipomopsis aggregata</i> , a Competitor for Hummingbird Pollination. <i>American Journal of Botany</i> , 1985, 72, 1144.	0.8	29
43	The Effect of Floral Abundance on Feeder Censuses of Hummingbird Populations. <i>Condor</i> , 1991, 93, 279-285.	0.7	25
44	Life-history consequences of vegetative damage in scarlet gilia, a monocarpic plant. <i>Oikos</i> , 2007, 116, 975-985.	1.2	25
45	GENOTYPE-BY-ENVIRONMENT INTERACTION AND THE FITNESS OF PLANT HYBRIDS IN THE WILD. <i>Evolution; International Journal of Organic Evolution</i> , 2001, 55, 669-676.	1.1	24
46	Spatial genetic structure of <i>Delphinium nuttallianum</i> populations: inferences about gene flow. <i>Heredity</i> , 1999, 83, 541-550.	1.2	19
47	Density-dependent demographic responses of a semelparous plant to natural variation in seed rain. <i>Oikos</i> , 2010, 119, 1929-1935.	1.2	19
48	Title is missing!. <i>Journal of Insect Behavior</i> , 1998, 11, 451-462.	0.4	13
49	Species concepts. <i>Nature</i> , 1993, 364, 20-20.	13.7	5
50	Comment on "Cognition-mediated evolution of low-quality floral nectars". <i>Science</i> , 2017, 358, .	6.0	3
51	Predispersal Seed Predation Obscures the Detrimental Effect of Dust on Wildflower Reproduction. <i>International Journal of Plant Sciences</i> , 2021, 182, 277-285.	0.6	2
52	Demystifying Ecological Theory. <i>Ecology</i> , 1996, 77, 657-658.	1.5	0
53	Comparative impacts of long-term trends in snowmelt and species interactions on plant population dynamics. <i>Journal of Ecology</i> , 2022, 110, 1102-1112.	1.9	0