

Nickolas M Waser

List of Publications by Citations

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52
papers

5,502
citations

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g-index

54
ext. papers

5,867
ext. citations

6.5
avg, IF

5.46
L-index

#	Paper	IF	Citations
52	ENDANGERED MUTUALISMS: The Conservation of Plant-Pollinator Interactions. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 1998 , 29, 83-112		1077
51	Flower Constancy, Insect Psychology, and Plant Evolution. <i>Die Naturwissenschaften</i> , 1999 , 86, 361-377	2	445
50	COMPONENTS OF PHENOTYPIC SELECTION: POLLEN EXPORT AND FLOWER COROLLA WIDTH IN IPOMOPSIS AGGREGATA. <i>Evolution; International Journal of Organic Evolution</i> , 1991 , 45, 1458-1467	3.8	216
49	EFFECTS OF EXPERIMENTAL WARMING ON PLANT REPRODUCTIVE PHENOLOGY IN A SUBALPINE MEADOW. <i>Ecology</i> , 1998 , 79, 1261-1271	4.6	203
48	Effective mutualism between sequentially flowering plant species. <i>Nature</i> , 1979 , 281, 670-672	50.4	182
47	The Production of Dilute Nectars by Hummingbird and Honeyeater Flowers. <i>Biotropica</i> , 1981 , 13, 260	2.3	180
46	Pollen precedence and stigma closure: a mechanism of competition for pollination between <i>Delphinium nelsonii</i> and <i>Ipomopsis aggregata</i> . <i>Oecologia</i> , 1986 , 70, 573-577	2.9	163
45	REPRODUCTIVE COSTS OF SELF-POLLINATION IN IPOMOPSIS AGGREGATA (POLEMONIACEAE): ARE OVULES USURPED?. <i>American Journal of Botany</i> , 1991 , 78, 1036-1043	2.7	160
44	TEMPORAL AND SPATIAL VARIATION IN POLLINATION OF A MONTANE HERB: A SEVEN-YEAR STUDY. <i>Ecology</i> , 2005 , 86, 2106-2116	4.6	154
43	WHY RED FLOWERS ARE NOT INVISIBLE TO BEES. <i>Israel Journal of Plant Sciences</i> , 1997 , 45, 169-183	0.6	145
42	CROSSING-DISTANCE EFFECTS IN DELPHINIUM NELSONII: OUTBREEDING AND INBREEDING DEPRESSION IN PROGENY FITNESS. <i>Evolution; International Journal of Organic Evolution</i> , 1994 , 48, 842-852	3.8	137
41	A comparison of distances flown by different visitors to flowers of the same species. <i>Oecologia</i> , 1982 , 55, 251-257	2.9	135
40	POLLINATOR CHOICE AND STABILIZING SELECTION FOR FLOWER COLOR IN DELPHINIUM NELSONII. <i>Evolution; International Journal of Organic Evolution</i> , 1981 , 35, 376-390	3.8	131
39	Pollinator behaviour and natural selection for flower colour in <i>Delphinium nelsonii</i> . <i>Nature</i> , 1983 , 302, 422-424	50.4	130
38	Effects of local density on pollination and reproduction in <i>Delphinium nuttallianum</i> and <i>Aconitum columbianum</i> (Ranunculaceae). <i>American Journal of Botany</i> , 1999 , 86, 871-879	2.7	120
37	HUMMINGBIRD BEHAVIOR AND MECHANISMS OF SELECTION ON FLOWER COLOR IN IPOMOPSIS. <i>Ecology</i> , 1997 , 78, 2532-2541	4.6	119
36	Experimental studies of pollen carryover: Hummingbirds and <i>Ipomopsis aggregata</i> . <i>Oecologia</i> , 1982 , 54, 353-358	2.9	115

35	Plant size, geitonogamy and seed set in <i>Ipomopsis aggregata</i> . <i>Oecologia</i> , 1992 , 89, 310-315	2.9	106
34	Comparative studies of pollen and fluorescent dye transport by bumble bees visiting <i>Erythronium grandiflorum</i> . <i>Oecologia</i> , 1986 , 69, 561-566	2.9	103
33	RECIPROCAL TRANSPLANT EXPERIMENTS WITH DELPHINIUM NELSONII (RANUNCULACEAE): EVIDENCE FOR LOCAL ADAPTATION. <i>American Journal of Botany</i> , 1985 , 72, 1726-1732	2.7	93
32	Experimental manipulation of plant density and its effect on pollination and reproduction of two confamilial montane herbs. <i>Oecologia</i> , 2001 , 126, 76-83	2.9	91
31	Long-distance pollinator flights and pollen dispersal between populations of <i>Delphinium nuttallianum</i> . <i>Oecologia</i> , 2001 , 127, 239-245	2.9	91
30	The effect of nectar guides on pollinator preference: experimental studies with a montane herb. <i>Oecologia</i> , 1985 , 67, 121-126	2.9	91
29	INDIRECT SELECTION OF STIGMA POSITION IN IPOMOPSIS AGGREGATA VIA A GENETICALLY CORRELATED TRAIT. <i>Evolution; International Journal of Organic Evolution</i> , 1994 , 48, 55-68	3.8	86
28	Experimental studies of pollen carryover: effects of floral variability in <i>Ipomopsis aggregata</i> . <i>Oecologia</i> , 1984 , 62, 262-268	2.9	85
27	VARIATION IN POLLEN FLOW WITHIN AND AMONG POPULATIONS OF IPOMOPSIS AGGREGATA. <i>Evolution; International Journal of Organic Evolution</i> , 1989 , 43, 1444-1455	3.8	83
26	Outbreeding depression varies among cohorts of <i>Ipomopsis aggregata</i> planted in nature. <i>Evolution; International Journal of Organic Evolution</i> , 2000 , 54, 485-91	3.8	82
25	THE EFFECT OF DELPHINIUM NELSONII POLLEN ON SEED SET IN IPOMOPSIS AGGREGATA, A COMPETITOR FOR HUMMINGBIRD POLLINATION. <i>American Journal of Botany</i> , 1985 , 72, 1144-1148	2.7	80
24	Spatial genetic heterogeneity in a population of the montane perennial plant <i>Delphinium nelsonii</i> . <i>Heredity</i> , 1987 , 58, 249-256	3.6	71
23	Drought, pollen and nectar availability, and pollination success. <i>Ecology</i> , 2016 , 97, 1400-9	4.6	67
22	Bridging the generation gap in plants: pollination, parental fecundity, and offspring demography. <i>Ecology</i> , 2008 , 89, 1596-604	4.6	50
21	Effects of grazing on diversity of annual plants in the Sonoran Desert. <i>Oecologia</i> , 1981 , 50, 407-411	2.9	50
20	RESPONSES OF SUBALPINE MEADOW VEGETATION TO FOUR YEARS OF EXPERIMENTAL WARMING 2000 , 10, 811-823		45
19	RECIPROCAL TRANSPLANT EXPERIMENTS WITH DELPHINIUM NELSONII (RANUNCULACEAE): EVIDENCE FOR LOCAL ADAPTATION 1985 , 72, 1726		45
18	Self-sterility in <i>Ipomopsis aggregata</i> (Polemoniaceae) is due to prezygotic ovule degeneration. <i>American Journal of Botany</i> , 2006 , 93, 254-62	2.7	44

17	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	2.7	37
16	SEED CACHING BY HETEROMYID RODENTS FROM TWO COMMUNITIES: IMPLICATIONS FOR COEXISTENCE. <i>Journal of Mammalogy</i> , 2000 , 81, 97-106	1.8	37
15	Nectar Standing Crops in <i>Delphinium Nelsonii</i> Flowers: Spatial Autocorrelation among Plants?. <i>Ecology</i> , 1990 , 71, 116-123	4.6	36
14	THE EFFECT OF DELPHINIUM NELSONII POLLEN ON SEED SET IN IPOMOPSIS AGGREGATA, A COMPETITOR FOR HUMMINGBIRD POLLINATION 1985 , 72, 1144		29
13	POPULATION STRUCTURE, FREQUENCY-DEPENDENT SELECTION, AND THE MAINTENANCE OF SEXUAL REPRODUCTION. <i>Evolution; International Journal of Organic Evolution</i> , 1982 , 36, 35-43	3.8	27
12	SEED SET AND SEED MASS IN IPOMOPSIS AGGREGATA: VARIANCE PARTITIONING AND INFERENCES ABOUT POSTPOLLINATION SELECTION. <i>Evolution; International Journal of Organic Evolution</i> , 1995 , 49, 80-88	3.8	26
11	Life-history consequences of vegetative damage in scarlet gilia, a monocarpic plant. <i>Oikos</i> , 2007 , 116, 975-985	4	24
10	GENOTYPE-BY-ENVIRONMENT INTERACTION AND THE FITNESS OF PLANT HYBRIDS IN THE WILD. <i>Evolution; International Journal of Organic Evolution</i> , 2007 , 55, 669-676	3.8	23
9	The Effect of Floral Abundance on Feeder Censuses of Hummingbird Populations. <i>Condor</i> , 1991 , 93, 279-285		21
8	Site-fidelity, longevity, and population dynamics of broad-tailed hummingbirds: a ten year study. <i>Oecologia</i> , 1983 , 56, 359-364	2.9	21
7	Density-dependent demographic responses of a semelparous plant to natural variation in seed rain. <i>Oikos</i> , 2010 , 119, 1929-1935	4	18
6	Spatial genetic structure of <i>delphinium nuttallianum</i> populations: inferences about gene flow. <i>Heredity</i> , 1999 , 83 (Pt 5), 541-50	3.6	14
5	Task-Matching and Short-Term Size Shifts in Foragers of the Harvester Ant, <i>Messor pergandei</i> (Hymenoptera: Formicidae). <i>Journal of Insect Behavior</i> , 1998 , 11, 451-462	1.1	8
4	Species concepts. <i>Nature</i> , 1993 , 364, 20-20	50.4	4
3	Comment on "Cognition-mediated evolution of low-quality floral nectars". <i>Science</i> , 2017 , 358,	33.3	2
2	Predispersal Seed Predation Obscures the Detrimental Effect of Dust on Wildflower Reproduction. <i>International Journal of Plant Sciences</i> , 2021 , 182, 277-285	2.6	0
1	Demystifying Ecological Theory. <i>Ecology</i> , 1996 , 77, 657-658	4.6	