Lesley G Campbell

List of Publications by Year
in descending order

41 papers	1,622 citations	471061 17 h-index	315357 38 g-index
41 all docs	41 docs citations	41 times ranked	2423 citing authors

#	Article	IF	Citations
1	Gender-Heterogeneous Working Groups Produce Higher Quality Science. PLoS ONE, 2013, 8, e79147.	1.1	268
2	The allometry of reproduction within plant populations. Journal of Ecology, 2009, 97, 1220-1233.	1.9	245
3	Patterns of hybridization in plants. Perspectives in Plant Ecology, Evolution and Systematics, 2010, 12, 175-182.	1.1	225
4	Weed evolution after crop gene introgression: greater survival and fecundity of hybrids in a new environment. Ecology Letters, 2006, 9, 1198-1209.	3.0	122
5	Controlling the false discovery rate and increasing statistical power in ecological studies. Ecoscience, 2006, 13, 439-442.	0.6	120
6	Competition alters life history and increases the relative fecundity of cropâ€“wild radish hybrids () Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.5	62
7	Small populations are mateâ€poor but pollinatorâ€rich in a rare, selfâ€incompatible plant, Hymenoxys herbacea (Asteraceae). New Phytologist, 2007, 174, 915-925.	3.5	58
8	Hybridization Alters Early Life-History Traits and Increases Plant Colonization Success in a Novel Region. American Naturalist, 2012, 179, 192-203.	1.0	58
9	Sanctuary in the City: Urban Monkeys Buffered against Catastrophic Die-off during ENSO-related Drought. EcoHealth, 2007, 4, 278-286.	0.9	42
10	Can Feral Radishes Become Weeds?. , 2005, , 193-207.		40
11	When divergent life histories hybridize: insights into adaptive lifeâ€history traits in an annual weed. New Phytologist, 2009, 184, 806-818.	3.5	37
12	Rapid evolution in cropâ€weed hybrids under artificial selection for divergent life histories. Evolutionary Applications, 2009, 2, 172-186.	1.5	31
13	Correlates of hybridization in plants. Evolution Letters, 2019, 3, 570-585.	1.6	31
14	Hybridization-prone plant families do not generate more invasive species. Biological Invasions, 2009, 11, 1205-1215.	1.2	30
15	The Power to Detect Recent Fragmentation Events Using Genetic Differentiation Methods. PLoS ONE, 2013, 8, e63981.	1.1	28
16	Long-Chain Omega-3 Polyunsaturated Fatty Acids Have Developmental Effects on the Crop Pest, the Cabbage White Butterfly Pieris rapae. PLoS ONE, 2016, 11, e0152264.	1.1	23
17	Can feral weeds evolve from cultivated radish (Raphanus sativus, Brassicaceae)?. American Journal of Botany, 2009, 96, 498-506.	0.8	22
18	Beyond Simple Reproductive Assurance: Cleistogamy Allows Adaptive Plastic Responses to Pollen Limitation. International Journal of Plant Sciences, 2011, 172, 862-869.	0.6	20

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19	Potential for novel production of omega-3 long-chain fatty acids by genetically engineered oilseed plants to alter terrestrial ecosystem dynamics. Agricultural Systems, 2018, 164, 31-37.	3.2	19
20	Phenotypic plasticity influences the success of clonal propagation in industrial pharmaceutical Cannabis sativa. PLoS ONE, 2019, 14, e0213434.	1.1	18
21	Maternal Environment Influences Propagule Pressure of an Invasive Plant, Raphanus raphanistrum (Brassicaceae). International Journal of Plant Sciences, 2015, 176, 393-403.	0.6	13
22	An ecological approach to measuring the evolutionary consequences of gene flow from crops to wild or weedy relatives. Applications in Plant Sciences, 2016, 4, 1500114.	0.8	11
23	Comparing methods for controlled capture and quantification of pollen in Cannabis sativa. Applications in Plant Sciences, 2020, 8, e11389.	0.8	11
24	A multivariate analysis of morphological divergence of â€œseedsâ€•(achenes) among ruderal, fibre, oilseed, dioecious/monoecious and marijuana variants of Cannabis sativa L.. Genetic Resources and Crop Evolution, 2020, 67, 703-714.	0.8	9
25	Contemporary evolution and the dynamics of invasion in cropâ€“wild hybrids with heritable variation for two weedy lifeâ€“histories. Evolutionary Applications, 2016, 9, 697-708.	1.5	8
26	Cannabinoid Inheritance Relies on Complex Genetic Architecture. Cannabis and Cannabinoid Research, 2020, 5, 105-116.	1.5	8
27	Optimizing Photoperiod Switch to Maximize Floral Biomass and Cannabinoid Yield in Cannabis sativa L.: A Meta-Analytic Quantile Regression Approach. Frontiers in Plant Science, 2021, 12, 797425.	1.7	8
28	Assessing the effects of hybridization and precipitation on invasive weed demography using strength of selection on vital rates. BMC Evolutionary Biology, 2016, 16, 266.	3.2	7
29	Germination rates of weedy radish populations (<scp>R</scp>aphanus spp.) altered by cropâ€wild hybridisation, not humanâ€mediated changes to soil moisture. Weed Research, 2016, 56, 149-158.	0.8	7
30	Context-specific enhanced invasiveness of Raphanus cropâ€“wild hybrids: A test for associations between greater fecundity and population growth. Canadian Journal of Plant Science, 2014, 94, 1315-1324.	0.3	6
31	Crop diversity and plantâ€“plant interactions in urban allotment gardens. Renewable Agriculture and Food Systems, 2016, 31, 540-549.	0.8	5
32	Hybridization Slows Rate of Evolution in Crop-Wild Compared to Wild Populations of Weedy Raphanus Across a Moisture Gradient. Frontiers in Agronomy, 2020, 2, .	1.5	4
33	The Effect of Altered Soil Moisture on Hybridization Rate in a Crop-Wild System (Raphanus spp.). PLoS ONE, 2016, 11, e0166802.	1.1	4
34	Methods for characterizing pollen fitness in Cannabis sativa L.. PLoS ONE, 2022, 17, e0270799.	1.1	4
35	Dietary eicosapentaenoic acid and docosahexaenoic acid are linearly retained by common insect crop pests (cabbage looper and bertha armyworm) and alter insect biomass. Physiological Entomology, 2020, 45, 38-49.	0.6	3
36	Growth and fecundity of colonizing hybrid Raphanus populations are environmentally dependent. American Journal of Botany, 2021, 108, 580-597.	0.8	3

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37	Dioecious hemp (Cannabis sativa L.) plants do not express significant sexually dimorphic morphology in the seedling stage. Scientific Reports, 2021, 11, 16825.	1.6	3
38	Does Altering Local Water Availability for an Invasive Plant (Raphanus raphanistrum) Affect Floral Morphology and Reproductive Potential?. American Journal of Undergraduate Research, 2015, 12, .	0.3	3
39	Water-induced stress influences the relative investment in cleistogamous and chasmogamous flowers of an invasive grass, Microstegium vimineum (Poaceae). Plant Ecology and Diversity, 2016, 9, 339-348.	1.0	2
40	Pollen sleuthing for terrestrial plant surveys: Locating plant populations by exploiting pollen movement. Applications in Plant Sciences, 2018, 6, e1020.	0.8	2
41	Mutation in algae â€“ the increasing role of anthropogenic environmental stress. Phycologia, 2019, 58, 2-8.	0.6	2