Jill T Anderson

List of Publications by Year
in descending order

54 papers	3,863 citations	159585 30 h-index	182427 51 g-index
58 all docs	58 docs citations	58 times ranked	4880 citing authors

#	Article	IF	Citations
1	Global urban environmental change drives adaptation in white clover. Science, 2022, 375, 1275-1281.	12.6	62
2	Ecoâ€evolutionary causes and consequences of rarity in plants: a metaâ€analysis. New Phytologist, 2022, 235, 1272-1286.	7.3	6
3	Phenotypic plasticity and genetic diversity elucidate rarity and vulnerability of an endangered riparian plant. Ecosphere, 2022, 13, .	2.2	6
4	Review: Plant eco-evolutionary responses to climate change: Emerging directions. Plant Science, 2021, 304, 110737.	3.6	31
5	Climate change alters plantâ€“herbivore interactions. New Phytologist, 2021, 229, 1894-1910.	7.3	137
6	Costs of reproduction under experimental climate change across elevations in the perennial forbBoechera stricta. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20203134.	2.6	8
7	Implications of overfishing of frugivorous fishes for cryptic function loss in a Neotropical floodplain. Journal of Applied Ecology, 2021, 58, 1499-1510.	4.0	13
8	Selection favors adaptive plasticity in a longâ€term reciprocal transplant experiment. Evolution; International Journal of Organic Evolution, 2021, 75, 1711-1726.	2.3	12
9	Climate change disrupts local adaptation and favours upslope migration. Ecology Letters, 2020, 23, 181-192.	6.4	93
10	Natural history collections document biological responses to climate change. Global Change Biology, 2020, 26, 340-342.	9.5	8
11	Fruit preferences by fishes in a Neotropical floodplain. Biotropica, 2020, 52, 1131-1141.	1.6	9
12	Plant adaptation to climate changeâ€"Where are we?. Journal of Systematics and Evolution, 2020, 58, 533-545.	3.1	82
13	Small spaces, big impacts: contributions of micro-environmental variation to population persistence under climate change. AoB PLANTS, 2020, 12, plaa005.	2.3	28
14	Resource availability alters fitness tradeâ€offs: implications for evolution in stressful environments. American Journal of Botany, 2020, 107, 308-318.	1.7	9
15	Climate change shifts natural selection and the adaptive potential of the perennial forb<i>Boechera stricta</i>in the Rocky Mountains. Evolution; International Journal of Organic Evolution, 2019, 73, 2247-2262.	2.3	30
16	Evolutionary consequences of climate change. , 2019, , 29-59.		1
17	Plant reproductive fitness and phenology responses to climate warming: Results from native populations, communities, and ecosystems. , 2019, , 61-102.		3
18	Defaunation shadow on mutualistic interactions. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E2673-E2675.	7.1	23

#	Article	IF	Citations
19	Phenological responses to multiple environmental drivers under climate change: insights from a longâ€term observational study and a manipulative field experiment. New Phytologist, 2018, 218, 517-529.	7.3	82
20	Ecological causes and consequences of flower color polymorphism in a selfâ€pollinating plant (<i>Boechera stricta</i>). New Phytologist, 2018, 218, 380-392.	7.3	48
21	Water and fish select for fleshy fruits in tropical wetland forests. Biotropica, 2018, 50, 312-318.	1.6	14
22	Transgenerational and Within-Generation Plasticity in Response to Climate Change: Insights from a Manipulative Field Experiment across an Elevational Gradient. American Naturalist, 2018, 192, 698-714.	2.1	39
23	Integrating viability and fecundity selection to illuminate the adaptive nature of genetic clines. Evolution Letters, 2017, 1, 26-39.	3.3	66
24	Identifying targets and agents of selection: innovative methods to evaluate the processes that contribute to local adaptation. Methods in Ecology and Evolution, 2017, 8, 738-749.	5.2	79
25	Phenological shifts of native and invasive species under climate change: insights from the <i>Boecheraâ€"Lythrum</i> model. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160032.	4.0	34
26	Plant fitness in a rapidly changing world. New Phytologist, 2016, 210, 81-87.	7.3	112
27	Examining plant physiological responses to climate change through an evolutionary lens. Plant Physiology, 2016, 172, pp.00793.2016.	4.8	101
28	Stability and generalization in seed dispersal networks: a case study of frugivorous fish in Neotropical wetlands. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20161267.	2.6	36
29	Microgeographic Patterns of Genetic Divergence and Adaptation across Environmental Gradients in <i>Boechera stricta</i> (Brassicaceae). American Naturalist, 2015, 186, S60-S73.	2.1	61
30	Natural variation, differentiation, and genetic trade-offs of ecophysiological traits in response to water limitation in<i>Brachypodium distachyon</i>and its descendent allotetraploid<i>B. hybridum</i>(Poaceae). Evolution; International Journal of Organic Evolution, 2015, 69, 2689-2704.	2.3	60
31	Experimental studies of adaptation in<i>Clarkia xantiana</i>. III. Phenotypic selection across a subspecies border. Evolution; International Journal of Organic Evolution, 2015, 69, 2249-2261.	2.3	21
32	Plasticity in functional traits in the context of climate change: a case study of the subalpine forb <i>Boechera stricta</i> (Brassicaceae). Global Change Biology, 2015, 21, 1689-1703.	9.5	87
33	Neotropical fishâ€"fruit interactions: ecoâ€evolutionary dynamics and conservation. Biological Reviews, 2015, 90, 1263-1278.	10.4	85
34	Overfishing disrupts an ancient mutualism between frugivorous fishes and plants in Neotropical wetlands. Biological Conservation, 2015, 191, 159-167.	4.1	78
35	Unifying Genetic Canalization, Genetic Constraint, and Genotype-by-Environment Interaction: QTL by Genomic Background by Environment Interaction of Flowering Time in Boechera stricta. PLoS Genetics, 2014, 10, e1004727.	3.5	22
36	STRONG SELECTION GENOME-WIDE ENHANCES FITNESS TRADE-OFFS ACROSS ENVIRONMENTS AND EPISODES OF SELECTION. Evolution; International Journal of Organic Evolution, 2014, 68, 16-31.	2.3	77

#	Article	IF	Citations
37	Genetic tradeâ€offs and conditional neutrality contribute to local adaptation. Molecular Ecology, 2013, 22, 699-708.	3.9	226
38	3D phenotyping and quantitative trait locus mapping identify core regions of the rice genome controlling root architecture. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E1695-704.	7.1	261
39	Control of flower size. Journal of Experimental Botany, 2013, 64, 1427-1437.	4.8	94
40	Evolutionary and Ecological Responses to Anthropogenic Climate Change. Plant Physiology, 2012, 160, 1728-1740.	4.8	117
41	Phenotypic plasticity and adaptive evolution contribute to advancing flowering phenology in response to climate change. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 3843-3852.	2.6	393
42	A Gain-of-Function Polymorphism Controlling Complex Traits and Fitness in Nature. Science, 2012, 337, 1081-1084.	12.6	158
43	Seed dispersal by fishes in tropical and temperate fresh waters: The growing evidence. Acta Oecologica, 2011, 37, 561-577.	1.1	110
44	Ecological genetics and genomics of plant defences: evidence and approaches. Functional Ecology, 2011, 25, 312-324.	3.6	54
45	LIFE-HISTORY QTLS AND NATURAL SELECTION ON FLOWERING TIME IN BOECHERA STRICTA, A PERENNIAL RELATIVE OF ARABIDOPSIS. Evolution; International Journal of Organic Evolution, 2011, 65, 771-787.	2.3	123
46	Evolutionary genetics of plant adaptation. Trends in Genetics, 2011, 27, 258-266.	6.7	323
47	Extremely long-distance seed dispersal by an overfished Amazonian frugivore. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 3329-3335.	2.6	107
48	Phenotypic plasticity despite sourceâ€“sink population dynamics in a longâ€lived perennial plant. New Phytologist, 2010, 188, 856-867.	7.3	5
49	DEMOGRAPHIC SOURCE-SINK DYNAMICS RESTRICT LOCAL ADAPTATION IN ELLIOTT'S BLUEBERRY (<i>VACCINIUM ELLIOTTII</i>). Evolution; International Journal of Organic Evolution, 2010, 64, 370-384.	2.3	40
50	Beyond QTL Cloning. PLoS Genetics, 2010, 6, e1001197.	3.5	4
51	High-quality seed dispersal by fruit-eating fishes in Amazonian floodplain habitats. Oecologia, 2009, 161, 279-290.	2.0	151
52	Positive density dependence in seedlings of the neotropical tree species <i>Garcinia macrophylla</i> and <i>Xylopia micans</i>. Journal of Vegetation Science, 2009, 20, 27-36.	2.2	12
53	Limited flooding tolerance of juveniles restricts the distribution of adults in an understory shrub (<i>Itea virginica</i>; Iteaceae). American Journal of Botany, 2009, 96, 1603-1611.	1.7	19
54	Genetic tradeâ€offs and unexpected life history traits shape local adaptation in <i>Trifolium repens</i>. Molecular Ecology, 0, , .	3.9	3