Kay Lucek

List of Publications by Year
in descending order

47 papers	2,345 citations	394286 19 h-index	254106 43 g-index
47 all docs	47 docs citations	47 times ranked	3304 citing authors

#	Article	IF	Citations
1	Intraâ€Alpine Islands: Population genomic inference reveals high degree of isolation between freshwater spring habitats. Diversity and Distributions, 2022, 28, 291-305.	1.9	11
2	A holocentric twist to chromosomal speciation?. Trends in Ecology and Evolution, 2022, 37, 655-662.	4.2	23
3	Threespine Stickleback in Lake Constance: The Ecology and Genomic Substrate of a Recent Invasion. Frontiers in Ecology and Evolution, 2021, 8, .	1.1	19
4	Drivers of linkage disequilibrium across a speciesâ€™ geographic range. PLoS Genetics, 2021, 17, e1009477.	1.5	12
5	Reply to â€œRe-evaluating the evidence for facilitation of stickleback speciation by admixture in the Lake Constance basinâ€. Nature Communications, 2021, 12, 2807.	5.8	3
6	Prevalence and relationship of endosymbiotic Wolbachia in the butterfly genus Erebia. Bmc Ecology and Evolution, 2021, 21, 95.	0.7	9
7	Lineageâ€specific adaptation to climate involves flowering time in North American Arabidopsis lyrata. Molecular Ecology, 2020, 29, 1436-1451.	2.0	12
8	Speciation through chromosomal fusion and fission in Lepidoptera. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20190539.	1.8	76
9	Towards the completion of speciation: the evolution of reproductive isolation beyond the first barriers. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20190528.	1.8	75
10	Secondary contact zones of closelyâ€related Erebia butterflies overlap with narrow phenotypic and parasitic clines. Journal of Evolutionary Biology, 2020, 33, 1152-1163.	0.8	17
11	Allopatric and sympatric diversification within roach (Rutilus rutilus) of large preâ€alpine lakes. Journal of Evolutionary Biology, 2019, 32, 1174-1185.	0.8	4
12	Admixture between old lineages facilitated contemporary ecological speciation in Lake Constance stickleback. Nature Communications, 2019, 10, 4240.	5.8	49
13	A key metabolic gene for recurrent freshwater colonization and radiation in fishes. Science, 2019, 364, 886-889.	6.0	109
14	Metabarcoding of honey to assess differences in plant-pollinator interactions between urban and non-urban sites. Apidologie, 2019, 50, 317-329.	0.9	19
15	Postglacial ecotype formation under outcrossing and selfâ€fertilization in Arabidopsis lyrata. Molecular Ecology, 2019, 28, 1043-1055.	2.0	5
16	Recent sympatric speciation involving habitat-associated nuptial colour polymorphism in a crater lake cichlid. Hydrobiologia, 2019, 832, 297-315.	1.0	6
17	The role of structural genomic variants in population differentiation and ecotype formation in Timema cristinae walking sticks. Molecular Ecology, 2019, 28, 1224-1237.	2.0	39
18	Distinct colonization waves underlie the diversification of the freshwater sculpin (Cottus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Tc	0.8	23

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19	On the Status of Threespine Stickleback (Gasterosteus aculeatus Linnaeus 1758) in Lake Bracciano, Italy. Fishes, 2018, 3, 17.	0.7	2
20	Evolutionary Mechanisms of Varying Chromosome Numbers in the Radiation of Erebia Butterflies. Genes, 2018, 9, 166.	1.0	18
21	Transitions between phases of genomic differentiation during stick-insect speciation. Nature Ecology and Evolution, 2017, 1, 82.	3.4	144
22	Effects of interspecific gene flow on the phenotypic varianceâ€“covariance matrix in Lake Victoria Cichlids. Hydrobiologia, 2017, 791, 145-154.	1.0	7
23	Managing cryptic biodiversity: Fineâ€scale intralacustrine speciation along a benthic gradient in Alpine whitefish (Coregonus spp.). Evolutionary Applications, 2017, 10, 251-266.	1.5	35
24	Longâ€term balancing selection on chromosomal variants associated with crypsis in a stick insect. Molecular Ecology, 2017, 26, 6189-6205.	2.0	77
25	Genomic landscape of early ecological speciation initiated by selection on nuptial colour. Molecular Ecology, 2017, 26, 7-24.	2.0	26
26	Low but contrasting neutral genetic differentiation shaped by winter temperature in European great tits. Biological Journal of the Linnean Society, 2016, 118, 668-685.	0.7	17
27	Ecosystem size matters: the dimensionality of intralacustrine diversification in Icelandic stickleback is predicted by lake size. Ecology and Evolution, 2016, 6, 5256-5272.	0.8	16
28	Cryptic invasion drives phenotypic changes in central European threespine stickleback. Conservation Genetics, 2016, 17, 993-999.	0.8	8
29	Genomics of Rapid Incipient Speciation in Sympatric Threespine Stickleback. PLoS Genetics, 2016, 12, e1005887.	1.5	195
30	Hybrid â€˜superswarmâ€™ leads to rapid divergence and establishment of populations during a biological invasion. Molecular Ecology, 2015, 24, 5394-5411.	2.0	29
31	Distinctive insular forms of threespine stickleback (Gasterosteus aculeatus) from western Mediterranean islands. Conservation Genetics, 2015, 16, 1319-1333.	0.8	12
32	Divergent Macroparasite Infections in Parapatric Swiss Lake-Stream Pairs of Threespine Stickleback (Gasterosteus aculeatus). PLoS ONE, 2015, 10, e0130579.	1.1	18
33	Genomics and the origin of species. Nature Reviews Genetics, 2014, 15, 176-192.	7.7	850
34	DISENTANGLING THE ROLE OF PHENOTYPIC PLASTICITY AND GENETIC DIVERGENCE IN CONTEMPORARY ECOTYPE FORMATION DURING A BIOLOGICAL INVASION. Evolution; International Journal of Organic Evolution, 2014, 68, 2619-2632.	1.1	54
35	Contemporary ecotypic divergence during a recent range expansion was facilitated by adaptive introgression. Journal of Evolutionary Biology, 2014, 27, 2233-2248.	0.8	35
36	Quick divergence but slow convergence during ecotype formation in lake and stream stickleback pairs of variable age. Journal of Evolutionary Biology, 2014, 27, 1878-1892.	0.8	31

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37	Relaxed trait covariance in interspecific cichlid hybrids predicts morphological diversity in adaptive radiations. Journal of Evolutionary Biology, 2014, 27, 11-24.	0.8	44
38	Repeated and predictable patterns of ecotypic differentiation during a biological invasion: lakeâ€“stream divergence in parapatric <scp>S</scp>wiss stickleback. Journal of Evolutionary Biology, 2013, 26, 2691-2709.	0.8	50
39	First record of freshwater fish on the Cape Verdean archipelago. African Zoology, 2012, 47, 341-344.	0.2	0
40	When Phenotypes Do Not Match Genotypes–Unexpected Phenotypic Diversity and Potential Environmental Constraints in Icelandic Stickleback. Journal of Heredity, 2012, 103, 579-584.	1.0	18
41	First Record of Freshwater Fish on the Cape Verdean Archipelago. African Zoology, 2012, 47, 341-344.	0.2	0
42	Little evidence for a selective advantage of armour-reduced threespined stickleback individuals in an invertebrate predation experiment. Evolutionary Ecology, 2012, 26, 1293-1309.	0.5	12
43	Evidence of Adaptive Evolutionary Divergence during Biological Invasion. PLoS ONE, 2012, 7, e49377.	1.1	33
44	Hybridization between distant lineages increases adaptive variation during a biological invasion: stickleback in Switzerland. Molecular Ecology, 2010, 19, 3995-4011.	2.0	96
45	Correlating Shape Variation with Feeding Performance to Test for Adaptive Divergence in Recently Invading Stickleback Populations from Swiss peri-alpine Environments. Lecture Notes in Earth Sciences, 2010, , 233-257.	0.5	5
46	Lost in dead wood? Environmental DNA sequencing from dead wood shows little signs of saproxylic beetles. Environmental DNA, 0, , .	3.1	0
47	Lack of genetic structure suggests high connectivity of Parnassius phoebus between nearby valleys in the Alps. Alpine Entomology, 0, 6, 1-6.	0.2	2