Samuel Yeaman

List of Publications by Year
in descending order

49 papers	6,114 citations	186265 28 h-index	189892 50 g-index
67 all docs	67 docs citations	67 times ranked	7157 citing authors

#	Article	IF	Citations
1	Haploid, diploid, and pooled exome capture recapitulate features of biology and paralogy in two nonâ€model tree species. Molecular Ecology Resources, 2022, 22, 225-238.	4.8	3
2	Evolution of polygenic traits under global <i>vs</i> local adaptation. Genetics, 2022, 220, .	2.9	42
3	Comparing genome scans among species of the stickleback order reveals three different patterns of genetic diversity. Ecology and Evolution, 2022, 12, e8502.	1.9	1
4	Evaluating the accuracy of variant calling methods using the frequency of parentâ€offspring genotype mismatch. Molecular Ecology Resources, 2022, , .	4.8	1
5	Local Adaptation and the Evolution of Genome Architecture in Threespine Stickleback. Genome Biology and Evolution, 2022, 14, .	2.5	8
6	Global adaptation complicates the interpretation of genome scans for local adaptation. Evolution Letters, 2021, 5, 4-15.	3.3	29
7	Genome-wide shifts in climate-related variation underpin responses to selective breeding in a widespread conifer. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	17
8	Comparative Gene Expression Analysis Reveals Mechanism of <i>Pinus contorta</i> Response to the Fungal Pathogen <i>Dothistroma septosporum</i>. Molecular Plant-Microbe Interactions, 2021, 34, 397-409.	2.6	10
9	Variation in recombination rate affects detection of outliers in genome scans under neutrality. Molecular Ecology, 2020, 29, 4274-4279.	3.9	59
10	Gene clustering and copy number variation in alkaloid metabolic pathways of opium poppy. Nature Communications, 2020, 11, 1190.	12.8	40
11	Massive haplotypes underlie ecotypic differentiation in sunflowers. Nature, 2020, 584, 602-607.	27.8	263
12	The Importance of Genetic Redundancy in Evolution. Trends in Ecology and Evolution, 2020, 35, 809-822.	8.7	99
13	Mating system impacts the genetic architecture of adaptation to heterogeneous environments. New Phytologist, 2019, 224, 1201-1214.	7.3	26
14	Purifying selection does not drive signatures of convergent local adaptation of lodgepole pine and interior spruce. BMC Evolutionary Biology, 2019, 19, 110.	3.2	1
15	Coevolution of Genome Architecture and Social Behavior. Trends in Ecology and Evolution, 2019, 34, 844-855.	8.7	49
16	Unpacking Conditional Neutrality: Genomic Signatures of Selection on Conditionally Beneficial and Conditionally Deleterious Mutations. American Naturalist, 2019, 194, 529-540.	2.1	29
17	Neopinone isomerase is involved in codeine and morphine biosynthesis in opium poppy. Nature Chemical Biology, 2019, 15, 384-390.	8.0	57
18	Growth gains from selective breeding in a spruce hybrid zone do not compromise local adaptation to climate. Evolutionary Applications, 2018, 11, 166-181.	3.1	17

#	Article	IF	Citations
19	A novel post hoc method for detecting index switching finds no evidence for increased switching on the Illumina HiSeq X. Molecular Ecology Resources, 2018, 18, 169-175.	4.8	25
20	Quantifying how constraints limit the diversity of viable routes to adaptation. PLoS Genetics, 2018, 14, e1007717.	3.5	78
21	Modularity of genes involved in local adaptation to climate despite physical linkage. Genome Biology, 2018, 19, 157.	8.8	41
22	Effect of migration and environmental heterogeneity on the maintenance of quantitative genetic variation: a simulation study. Journal of Evolutionary Biology, 2018, 31, 1386-1399.	1.7	19
23	Bioinformatically predicted deleterious mutations reveal complementation in the interior spruce hybrid complex. BMC Genomics, 2017, 18, 970.	2.8	16
24	Convergent local adaptation to climate in distantly related conifers. Science, 2016, 353, 1431-1433.	12.6	303
25	Exome capture from the spruce and pine gigaâ€genomes. Molecular Ecology Resources, 2016, 16, 1136-1146.	4.8	75
26	The evolution of genomic islands by increased establishment probability of linked alleles. Molecular Ecology, 2016, 25, 2542-2558.	3.9	76
27	Expression Divergence Is Correlated with Sequence Evolution but Not Positive Selection in Conifers. Molecular Biology and Evolution, 2016, 33, 1502-1516.	8.9	48
28	Local Adaptation by Alleles of Small Effect. American Naturalist, 2015, 186, S74-S89.	2.1	273
29	Evolution of Quantitative Traits under a Migration-Selection Balance: When Does Skew Matter?. American Naturalist, 2015, 186, S37-S47.	2.1	28
30	Conservation and divergence of gene expression plasticity following <i>c</i>. 140Âmillion years of evolution in lodgepole pine (<i><scp>P</scp>inus contorta</i>) and interior spruce (<i><scp>P</scp>icea glauca</i>ÂÃ—Â<i><scp>P</scp>icea engelmannii</i>). New Phytologist, 2014, 203, 578-591.	7.3	46
31	TEMPORAL VARIATION FAVORS THE EVOLUTION OF GENERALISTS IN EXPERIMENTAL POPULATIONS OF<i>DROSOPHILA MELANOGASTER</i>. Evolution; International Journal of Organic Evolution, 2014, 68, 720-728.	2.3	76
32	Potential for evolutionary responses to climate change â€" evidence from tree populations. Global Change Biology, 2013, 19, 1645-1661.	9.5	705
33	Hybridization and the porous genome: patterns of isolation and introgression in manakins. Molecular Ecology, 2013, 22, 3195-3197.	3.9	3
34	Genomic islands of divergence are not affected by geography of speciation in sunflowers. Nature Communications, 2013, 4, 1827.	12.8	263
35	Genomic rearrangements and the evolution of clusters of locally adaptive loci. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E1743-51.	7.1	299
36	Mandated data archiving greatly improves access to research data. FASEB Journal, 2013, 27, 1304-1308.	0.5	139

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37	Establishment of new mutations under divergence and genome hitchhiking. Philosophical Transactions of the Royal Society B: Biological Sciences, 2012, 367, 461-474.	4.0	132
38	Social network architecture and the maintenance of deleterious cultural traits. Journal of the Royal Society Interface, 2012, 9, 848-858.	3.4	19
39	THE GENETIC ARCHITECTURE OF ADAPTATION UNDER MIGRATION-SELECTION BALANCE. Evolution; International Journal of Organic Evolution, 2011, 65, 1897-1911.	2.3	514
40	ESTABLISHMENT AND MAINTENANCE OF ADAPTIVE GENETIC DIVERGENCE UNDER MIGRATION, SELECTION, AND DRIFT. Evolution; International Journal of Organic Evolution, 2011, 65, 2123-2129.	2.3	203
41	The effect of innovation and sex-specific migration on neutral cultural differentiation. Animal Behaviour, 2011, 82, 101-112.	1.9	8
42	NO EFFECT OF ENVIRONMENTAL HETEROGENEITY ON THE MAINTENANCE OF GENETIC VARIATION IN WING SHAPE IN DROSOPHILA MELANOGASTER. Evolution; International Journal of Organic Evolution, 2010, 64, 3398-3408.	2.3	47
43	Local adaptation does not always predict high mating success. Journal of Evolutionary Biology, 2010, 23, 875-878.	1.7	12
44	PREDICTING ADAPTATION UNDER MIGRATION LOAD: THE ROLE OF GENETIC SKEW. Evolution; International Journal of Organic Evolution, 2009, 63, 2926-2938.	2.3	45
45	Adaptation, migration or extirpation: climate change outcomes for tree populations. Evolutionary Applications, 2008, 1, 95-111.	3.1	1,546
46	The costs and benefits of resource sharing: reciprocity requires resource heterogeneity. Journal of Evolutionary Biology, 2007, 20, 1772-1782.	1.7	15
47	Response to Comment on "Ongoing Adaptive Evolution of ASPM, a Brain Size Determinant in Homo sapiens" and "Microcephalin, a Gene Regulating Brain Size, Continues to Evolve Adaptively in Humans". Science, 2006, 313, 172b-172b.	12.6	51
48	Regional heterogeneity and gene flow maintain variance in a quantitative trait within populations of lodgepole pine. Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 1587-1593.	2.6	93
49	The Role of Geographic Analysis in Locating, Understanding, and Using Plant Genetic Diversity. Methods in Enzymology, 2005, 395, 279-298.	1.0	11