Matthew A Conte

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8479948/publications.pdf

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30 papers	2,148 citations	361045 20 h-index	454577 30 g-index

35 all docs	35 docs citations	35 times ranked	2571 citing authors

#	Article	IF	Citations
1	The genomic substrate for adaptive radiation in African cichlid fish. Nature, 2014, 513, 375-381.	13.7	874
2	A high quality assembly of the Nile Tilapia (Oreochromis niloticus) genome reveals the structure of two sex determination regions. BMC Genomics, 2017, 18, 341.	1.2	179
3	Origin and Evolution of B Chromosomes in the Cichlid Fish Astatotilapia latifasciata Based on Integrated Genomic Analyses. Molecular Biology and Evolution, 2014, 31, 2061-2072.	3.5	112
4	A high-resolution map of the Nile tilapia genome: a resource for studying cichlids and other percomorphs. BMC Genomics, 2012, 13, 222.	1.2	104
5	Integrated analysis of miRNA and mRNA expression profiles in tilapia gonads at an early stage of sex differentiation. BMC Genomics, 2016, 17, 328.	1.2	86
6	Chromosome-scale assemblies reveal the structural evolution of African cichlid genomes. GigaScience, 2019, 8, .	3.3	83
7	Transcriptome display during tilapia sex determination and differentiation as revealed by RNA-Seq analysis. BMC Genomics, 2018, 19, 363.	1.2	68
8	An improved genome reference for the African cichlid, Metriaclima zebra. BMC Genomics, 2015, 16, 724.	1.2	61
9	Structure and decay of a proto-Y region in Tilapia, Oreochromis niloticus. BMC Genomics, 2014, 15, 975.	1.2	48
10	Behavior-dependent cis regulation reveals genes and pathways associated with bower building in cichlid fishes. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E11081-E11090.	3.3	42
11	Mapping of pigmentation QTL on an anchored genome assembly of the cichlid fish, Metriaclima zebra. BMC Genomics, 2013, 14, 287.	1.2	40
12	An EST resource for tilapia based on 17 normalized libraries and assembly of 116,899 sequence tags. BMC Genomics, 2010, 11, 278.	1.2	39
13	Dynamic Sequence Evolution of a Sex-Associated B Chromosome in Lake Malawi Cichlid Fish. Journal of Heredity, 2017, 108, 53-62.	1.0	36
14	Comparative analysis of a sex chromosome from the blackchin tilapia, Sarotherodon melanotheron. BMC Genomics, 2016, 17, 808.	1.2	32
15	Evolution of cichlid vision via trans-regulatory divergence. BMC Evolutionary Biology, 2012, 12, 251.	3.2	31
16	Interspecific Variation in Rx1 Expression Controls Opsin Expression and Causes Visual System Diversity in African Cichlid Fishes. Molecular Biology and Evolution, 2014, 31, 2297-2308.	3.5	31
17	Novel Sex Chromosomes in 3 Cichlid Fishes from Lake Tanganyika. Journal of Heredity, 2018, 109, 489-500.	1.0	30
18	Diurnal variation in opsin expression and common housekeeping genes necessitates comprehensive normalization methods for quantitative realâ€time PCR analyses. Molecular Ecology Resources, 2019, 19, 1447-1460.	2.2	27

#	Article	IF	Citations
19	Comparative physical maps derived from BAC end sequences of tilapia (Oreochromis niloticus). BMC Genomics, 2010, 11, 636.	1.2	25
20	Circular DNA Intermediate in the Duplication of Nile Tilapia vasa Genes. PLoS ONE, 2011, 6, e29477.	1.1	24
21	Origin of a Giant Sex Chromosome. Molecular Biology and Evolution, 2021, 38, 1554-1569.	3.5	24
22	Transcriptome characterization via 454 pyrosequencing of the annelid Pristina leidyi, an emerging model for studying the evolution of regeneration. BMC Genomics, 2012, 13, 287.	1.2	22
23	Genomic Characterization of a B Chromosome in Lake Malawi Cichlid Fishes. Genes, 2018, 9, 610.	1.0	22
24	Tbx2aModulates Switching ofRH2andLWSOpsin Gene Expression. Molecular Biology and Evolution, 2020, 37, 2002-2014.	3.5	20
25	Multiple trans QTL and one cis-regulatory deletion are associated with the differential expression of cone opsins in African cichlids. BMC Genomics, 2018, 19, 945.	1.2	19
26	Movement of transposable elements contributes to cichlid diversity. Molecular Ecology, 2020, 29, 4956-4969.	2.0	18
27	Characterization of sex chromosomes in three deeply diverged species of Pseudocrenilabrinae (Teleostei: Cichlidae). Hydrobiologia, 2019, 832, 397-408.	1.0	16
28	Structure and Sequence of the Sex Determining Locus in Two Wild Populations of Nile Tilapia. Genes, 2020, 11, 1017.	1.0	12
29	New Sex Chromosomes in Lake Victoria Cichlid Fishes (Cichlidae: Haplochromini). Genes, 2022, 13, 804.	1.0	5
30	Network architecture and sex chromosome turnovers. BioEssays, 2021, 43, 2000161.	1.2	4