

Matthew P Kent

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

2,868
citations

471509

17
h-index

395702

33
g-index

36
all docs

36
docs citations

36
times ranked

3318
citing authors

#	ARTICLE	IF	CITATIONS
1	The Atlantic salmon genome provides insights into rediploidization. <i>Nature</i> , 2016, 533, 200-205.	27.8	1,021
2	Sex-dependent dominance at a single locus maintains variation in age at maturity in salmon. <i>Nature</i> , 2015, 528, 405-408.	27.8	527
3	Sex-dependent dominance maintains migration supergene in rainbow trout. <i>Nature Ecology and Evolution</i> , 2019, 3, 1731-1742.	7.8	188
4	Two adjacent inversions maintain genomic differentiation between migratory and stationary ecotypes of Atlantic cod. <i>Molecular Ecology</i> , 2016, 25, 2130-2143.	3.9	178
5	Epithelial Cadherin Determines Resistance to Infectious Pancreatic Necrosis Virus in Atlantic Salmon. <i>Genetics</i> , 2015, 200, 1313-1326.	2.9	170
6	Islands of Divergence in the Atlantic Cod Genome Represent Polymorphic Chromosomal Rearrangements. <i>Genome Biology and Evolution</i> , 2016, 8, 1012-1022.	2.5	107
7	The Development of a High Density Linkage Map for Black Tiger Shrimp (<i>Penaeus monodon</i>) Based on cSNPs. <i>PLoS ONE</i> , 2014, 9, e85413.	2.5	76
8	The structural variation landscape in 492 Atlantic salmon genomes. <i>Nature Communications</i> , 2020, 11, 5176.	12.8	60
9	Development and Validation of 58K SNP-Array and High-Density Linkage Map in Nile Tilapia (<i>O. Tj ETQq1 1 0.784314 rgBT /Overlock</i>	2.3	58
10	Ancient chromosomal rearrangement associated with local adaptation of a postglacially colonized population of Atlantic Cod in the northwest Atlantic. <i>Molecular Ecology</i> , 2018, 27, 339-351.	3.9	55
11	A ddRAD Based Linkage Map of the Cultivated Strawberry, <i>Fragaria xananassa</i> . <i>PLoS ONE</i> , 2015, 10, e0137746.	2.5	48
12	Finding Markers That Make a Difference: DNA Pooling and SNP-Arrays Identify Population Informative Markers for Genetic Stock Identification. <i>PLoS ONE</i> , 2013, 8, e82434.	2.5	45
13	A migration-associated supergene reveals loss of biocomplexity in Atlantic cod. <i>Science Advances</i> , 2019, 5, eaav2461.	10.3	42
14	Footprints of Directional Selection in Wild Atlantic Salmon Populations: Evidence for Parasite-Driven Evolution?. <i>PLoS ONE</i> , 2014, 9, e91672.	2.5	37
15	Genome-wide association study confirm major QTL for backfat fatty acid composition on SSC14 in Duroc pigs. <i>BMC Genomics</i> , 2017, 18, 369.	2.8	36
16	Genomic analysis reveals neutral and adaptive patterns that challenge the current management regime for East Atlantic cod (<i>Gadus morhua</i>). <i>Evolutionary Applications</i> , 2020, 13, 2673-2688.	3.1	29
17	A Nanopore Based Chromosome-Level Assembly Representing Atlantic Cod from the Celtic Sea. G3: Genes, Genomes, Genetics, 2020, 10, 2903-2910.	1.8	20
18	Spatial and temporal genetic structure of a river-resident Atlantic salmon (<i>Salmo</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.9	19

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19	The emergence of supergenes from inversions in Atlantic salmon. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2022, 377, .	4.0	17
20	Seascape genetics of saithe (<i>Pollachius virens</i>) across the North Atlantic using single nucleotide polymorphisms. <i>ICES Journal of Marine Science</i> , 2015, 72, 2732-2741.	2.5	16
21	A 200K SNP chip reveals a novel Pacific salmon louse genotype linked to differential efficacy of emamectin benzoate. <i>Marine Genomics</i> , 2018, 40, 45-57.	1.1	16
22	Reference genome of lumpfish <i>Cyclopterus lumpus</i> Linnaeus provides evidence of male heterogametic sex determination through the AMH pathway. <i>Molecular Ecology Resources</i> , 2022, 22, 1427-1439.	4.8	16
23	Genomic signatures of parasite-driven natural selection in north European Atlantic salmon (<i>Salmo</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 15	1.1	15
24	Identification of QTLs for powdery mildew (<i>Podosphaera aphanis</i> ; syn. <i>Sphaerotheca macularis</i> f. sp.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.5	18
25	Restitution and genetic differentiation of salmon populations in the southern Baltic genotyped with the Atlantic salmon 7K SNP array. <i>Genetics Selection Evolution</i> , 2015, 47, 39.	3.0	12
26	Identification of multiple diagnostic SNP loci for differentiation of three salmonid species using SNP-arrays. <i>Marine Genomics</i> , 2014, 15, 5-6.	1.1	11
27	SNP Arrays for Species Identification in Salmonids. <i>Methods in Molecular Biology</i> , 2016, 1452, 97-111.	0.9	7
28	A genetic linkage map for the salmon louse (<i>Lepeophtheirus salmonis</i>): evidence for high male:female and inter-familial recombination rate differences. <i>Molecular Genetics and Genomics</i> , 2019, 294, 343-363.	2.1	7
29	Fine mapping of a QTL affecting levels of skatole on pig chromosome 7. <i>BMC Genetics</i> , 2017, 18, 85.	2.7	6
30	Hierarchical genetic structure in an evolving species complex: Insights from genome wide ddRAD data in <i>Sebastes mentella</i> . <i>PLoS ONE</i> , 2021, 16, e0251976.	2.5	5
31	Insertion of an endogenous Jaagsiekte sheep retrovirus element into the BCO2 - gene abolishes its function and leads to yellow discoloration of adipose tissue in Norwegian SpÅ Isau (<i>Ovis aries</i>). <i>BMC Genomics</i> , 2021, 22, 492.	2.8	4
32	Construction of Genetic Linkage Maps From a Hybrid Family of Large Yellow Croaker (<i>Larimichthys</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.3	1