

# 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	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
2	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
3	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
4	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
5	Construction of Genetic Linkage Maps From a Hybrid Family of Large Yellow Croaker ( <i>Larimichthys</i> Tj ETQq1 1 0.784314 rgBT /Overlock 2.3 1	2.3	1
6	The structural variation landscape in 492 Atlantic salmon genomes. <i>Nature Communications</i> , 2020, 11, 5176.	12.8	60
7	Genomic analysis reveals neutral and adaptive patterns that challenge the current management regime for East Atlantic cod <i>Gadus morhua</i> L. <i>Evolutionary Applications</i> , 2020, 13, 2673-2688.	3.1	29
8	A Nanopore Based Chromosome-Level Assembly Representing Atlantic Cod from the Celtic Sea. G3: Genes, Genomes, Genetics, 2020, 10, 2903-2910.	1.8	20
9	A migration-associated supergene reveals loss of biocomplexity in Atlantic cod. <i>Science Advances</i> , 2019, 5, eaav2461.	10.3	42
10	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
11	Identification of QTLs for powdery mildew ( <i>Podosphaera aphanis</i> ; syn. <i>Sphaerotheca macularis</i> f. sp.) Tj ETQq1 1 0.784314 rgBT /Overlock 2.5 13	2.5	13
12	Sex-dependent dominance maintains migration supergene in rainbow trout. <i>Nature Ecology and Evolution</i> , 2019, 3, 1731-1742.	7.8	188
13	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
14	Genomic signatures of parasite-driven natural selection in north European Atlantic salmon ( <i>Salmo</i> Tj ETQq0 0 0 rgBT /Overlock 1.1 15 10 Tf 50	1.1	15
15	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
16	Development and Validation of 58K SNP-Array and High-Density Linkage Map in Nile Tilapia ( <i>O.</i> Tj ETQq0 0 0 rgBT /Overlock 2.3 58 10 Tf 50 14	2.3	58
17	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
18	Fine mapping of a QTL affecting levels of skatole on pig chromosome 7. <i>BMC Genetics</i> , 2017, 18, 85.	2.7	6

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19	The Atlantic salmon genome provides insights into rediploidization. <i>Nature</i> , 2016, 533, 200-205.	27.8	1,021
20	SNP Arrays for Species Identification in Salmonids. <i>Methods in Molecular Biology</i> , 2016, 1452, 97-111.	0.9	7
21	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
22	“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
23	A ddRAD Based Linkage Map of the Cultivated Strawberry, <i>Fragaria xananassa</i> . <i>PLoS ONE</i> , 2015, 10, e0137746.	2.5	48
24	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
25	Epithelial Cadherin Determines Resistance to Infectious Pancreatic Necrosis Virus in Atlantic Salmon. <i>Genetics</i> , 2015, 200, 1313-1326.	2.9	170
26	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
27	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
28	Footprints of Directional Selection in Wild Atlantic Salmon Populations: Evidence for Parasite-Driven Evolution?. <i>PLoS ONE</i> , 2014, 9, e91672.	2.5	37
29	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
30	Spatial and temporal genetic structure of a river-resident Atlantic salmon ( <i>Salmo trutta</i> ) population. <i>PLoS ONE</i> , 2014, 9, e0101010.	1.9	19
31	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
32	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