

# David J Penman

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1729040/publications.pdf>

Version: 2024-02-01

37  
papers

2,758  
citations

331670

21  
h-index

345221

36  
g-index

38  
all docs

38  
docs citations

38  
times ranked

2846  
citing authors

#	ARTICLE	IF	CITATIONS
1	The genomic substrate for adaptive radiation in African cichlid fish. <i>Nature</i> , 2014, 513, 375-381.	27.8	874
2	Development and validation of a high density SNP genotyping array for Atlantic salmon ( <i>Salmo salar</i> ). <i>BMC Genomics</i> , 2014, 15, 90.	2.8	219
3	A high quality assembly of the Nile Tilapia ( <i>Oreochromis niloticus</i> ) genome reveals the structure of two sex determination regions. <i>BMC Genomics</i> , 2017, 18, 341.	2.8	179
4	Fish Gonadogenesis. Part I: Genetic and Environmental Mechanisms of Sex Determination. <i>Reviews in Fisheries Science</i> , 2008, 16, 16-34.	2.1	176
5	Mapping and Validation of the Major Sex-Determining Region in Nile Tilapia ( <i>Oreochromis niloticus</i> L.) Using RAD Sequencing. <i>PLoS ONE</i> , 2013, 8, e68389.	2.5	144
6	Mapping the sex determination locus in the Atlantic halibut ( <i>Hippoglossus hippoglossus</i> ) using RAD sequencing. <i>BMC Genomics</i> , 2013, 14, 566.	2.8	133
7	A high-resolution map of the Nile tilapia genome: a resource for studying cichlids and other percomorphs. <i>BMC Genomics</i> , 2012, 13, 222.	2.8	104
8	A new SNP-based vision of the genetics of sex determination in European sea bass ( <i>Dicentrarchus</i> ) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	3.0	103
9	A novel sex-determining QTL in Nile tilapia ( <i>Oreochromis niloticus</i> ). <i>BMC Genomics</i> , 2015, 16, 171.	2.8	102
10	Isolation and Physical Mapping of Sex-Linked AFLP Markers in Nile Tilapia ( <i>Oreochromis niloticus</i> L.). <i>Marine Biotechnology</i> , 2004, 6, 435-445.	2.4	88
11	Evidence for the presence of sex chromosomes in the Nile tilapia ( <i>Oreochromis niloticus</i> ) from synaptonemal complex analysis of XX, XY and YY genotypes. <i>Aquaculture</i> , 1999, 173, 207-218.	3.5	81
12	Identification of putative sex chromosomes in the blue tilapia, <i>Oreochromis aureus</i> , through synaptonemal complex and FISH analysis. <i>Genetica</i> , 2001, 111, 143-153.	1.1	56
13	Mapping the sex determination locus in the hãpuku ( <i>Polyprion oxygeneios</i> ) using ddRAD sequencing. <i>BMC Genomics</i> , 2016, 17, 448.	2.8	51
14	Sex ratios in the progeny of androgenetic and gynogenetic YY male Nile tilapia, <i>Oreochromis niloticus</i> L.. <i>Aquaculture</i> , 2004, 232, 205-214.	3.5	40
15	Reclassification of <i>Francisella noatunensis</i> subsp. <i>orientalis</i> Ottem et al. 2009 as <i>Francisella orientalis</i> sp. nov., <i>Francisella noatunensis</i> subsp. <i>chilensis</i> subsp. nov. and emended description of <i>Francisella noatunensis</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 2034-2048.	1.7	38
16	Sex-specific differences in the synaptonemal complex in the genus <i>Oreochromis</i> (Cichlidae). <i>Genetica</i> , 2009, 135, 325-332.	1.1	34
17	An investigation of sex determination in the Mozambique tilapia, <i>Oreochromis mossambicus</i> , using synaptonemal complex analysis, FISH, sex reversal and gynogenesis. <i>Aquaculture</i> , 2003, 221, 125-140.	3.5	29
18	Sex determination in the GIFT strain of tilapia is controlled by a locus in linkage group 23. <i>BMC Genetics</i> , 2020, 21, 49.	2.7	28

#	ARTICLE	IF	CITATIONS
19	Optimisation of triploidy induction in brown trout ( <i>Salmo trutta</i> L.). <i>Aquaculture</i> , 2013, 414-415, 160-166.	3.5	26
20	DNA sampling from mucus in the Nile tilapia, <i>Oreochromis niloticus</i> : minimally invasive sampling for aquaculture-related genetics research. <i>Aquaculture Research</i> , 2016, 47, 4032-4037.	1.8	26
21	Evidence for two unlinked sex reversal loci in the Nile tilapia, <i>Oreochromis niloticus</i> , and for linkage of one of these to the red body colour gene. <i>Aquaculture</i> , 2004, 234, 51-63.	3.5	23
22	FISH and DAPI staining of the synaptonemal complex of the Nile tilapia ( <i>Oreochromis niloticus</i> ) allow orientation of the unpaired region of bivalent 1 observed during early pachytene. <i>Chromosome Research</i> , 2009, 17, 773-782.	2.2	23
23	Characterisation of the chromosome fusions in <i>Oreochromis karongae</i> . <i>Chromosome Research</i> , 2010, 18, 575-586.	2.2	21
24	Species-Specific Marker Discovery in Tilapia. <i>Scientific Reports</i> , 2019, 9, 13001.	3.3	20
25	A Polyphasic Approach for Phenotypic and Genetic Characterization of the Fastidious Aquatic Pathogen <i>Francisella noatunensis</i> subsp. <i>orientalis</i> . <i>Frontiers in Microbiology</i> , 2017, 8, 2324.	3.5	17
26	Characterization of sex chromosomes in three deeply diverged species of Pseudocrenilabrinae (Teleostei: Cichlidae). <i>Hydrobiologia</i> , 2019, 832, 397-408.	2.0	16
27	Species composition in the Molobicus hybrid tilapia strain. <i>Aquaculture</i> , 2020, 526, 735433.	3.5	15
28	Use of microsatellite loci and AFLP markers to verify gynogenesis and clonal lines in Nile tilapia <i>Oreochromis niloticus</i> L.. <i>Aquaculture Research</i> , 2004, 35, 1472-1481.	1.8	13
29	Evidence of two XX/XY sex-determining loci in the Stirling stock of Nile tilapia ( <i>Oreochromis</i> ) Tj ETQq1 1 0.784314 ggBT /Overlock 10	3.5	13
30	Genetic Inactivation of European Sea Bass ( <i>Dicentrarchus labrax</i> L.) Eggs Using UV-Irradiation: Observations and Perspectives. <i>PLoS ONE</i> , 2014, 9, e109572.	2.5	13
31	Structure and Sequence of the Sex Determining Locus in Two Wild Populations of Nile Tilapia. <i>Genes</i> , 2020, 11, 1017.	2.4	12
32	Gene-centromere mapping in meiotic gynogenetic European seabass. <i>BMC Genomics</i> , 2017, 18, 449.	2.8	10
33	Suitability of DNA sampled from Nile tilapia skin mucus swabs as a template for ddRAD-based studies. <i>Conservation Genetics Resources</i> , 2017, 9, 39-42.	0.8	8
34	Discrimination of tilapia species of the genera <i>Oreochromis</i> , <i>Tilapia</i> and <i>Sarotherodon</i> by PCR-RFLP of 5S rDNA. <i>Aquaculture Research</i> , 2009, 41, 934-938.	1.8	6
35	The effect of male colouration on reproductive success in Nile tilapia ( <i>Oreochromis niloticus</i> ). <i>Aquaculture</i> , 2010, 308, S119-S123.	3.5	6
36	Tilapia genomic studies. , 2016, , 105-129.		4

#	ARTICLE	IF	CITATIONS
37	Linkage mapping of the blond locus in Nile tilapia ( <i>Oreochromis niloticus</i> L.) and preliminary analysis of its effect on blotching in red Nile tilapia. <i>Aquaculture</i> , 2014, 433, 28-33.	3.5	3