François Bonhomme

List of Publications by Year in descending order

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247 papers

14,631 citations

67 h-index

13865

28297 105 g-index

266 all docs

266 docs citations

266 times ranked 10919 citing authors

#	Article	IF	CITATIONS
1	The coupling hypothesis: why genome scans may fail to map local adaptation genes. Molecular Ecology, 2011, 20, 2044-2072.	3.9	456
2	Subspecific origin and haplotype diversity in the laboratory mouse. Nature Genetics, 2011, 43, 648-655.	21.4	439
3	DNA sequence variation of the mitochondrial control region among geographically and morphologically remote European brown trout <i>Saltno trutta</i> populations. Molecular Ecology, 1992, 1, 161-173.	3.9	392
4	European sea bass genome and its variation provide insights into adaptation to euryhalinity and speciation. Nature Communications, 2014, 5, 5770.	12.8	382
5	Biochemical diversity and evolution in the genus Mus. Biochemical Genetics, 1984, 22, 275-303.	1.7	345
6	A General Synthetic Procedure for Heteropolyniobates. Science, 2002, 297, 996-998.	12.6	310
7	Wild mice: an ever-increasing contribution to a popular mammalian model. Trends in Genetics, 2003, 19, 24-31.	6.7	301
8	Most classical Mus musculus domesticus laboratory mouse strains carry a Mus musculus musculus Y chromosome. Nature, 1985, 315, 70-72.	27.8	242
9	Introgression patterns in the mosaic hybrid zone between Mytilus edulis and M. galloprovincialis. Molecular Ecology, 2003, 12, 447-461.	3.9	223
10	Using neutral, selected, and hitchhiker loci to assess connectivity of marine populations in the genomic era. Evolutionary Applications, 2015, 8, 769-786.	3.1	223
11	High variance in reproductive success of the Pacific oyster (Crassostrea gigas, Thunberg) revealed by microsatellite-based parentage analysis of multifactorial crosses. Aquaculture, 2002, 204, 283-296.	3.5	200
12	Investigation of genetic linkage between myosin and actin genes using an interspecific mouse back-cross. Nature, 1985, 314, 181-183.	27.8	191
13	identix, a software to test for relatedness in a population using permutation methods. Molecular Ecology Notes, 2002, 2, 611-614.	1.7	186
14	Origin and radiation of the house mouse: mitochondrial DNA phylogeny. Journal of Evolutionary Biology, 1996, 9, 391-415.	1.7	169
15	Early Effect of Inbreeding as Revealed by Microsatellite Analyses on Ostrea edulis Larvae. Genetics, 1998, 148, 1893-1906.	2.9	165
16	Molecular phylogenies in the genus Mus: Comparative analysis of electrophoretic, scnDNA hybridization, and mtDNA RFLP data. Biological Journal of the Linnean Society, 1990, 41, 83-103.	1.6	164
17	Origins of Laboratory Mice Deduced from Restriction Patterns of Mitochondrial DNA. Differentiation, 1982, 22, 222-226.	1.9	154
18	Counterselection on sex chromosomes in the Mus musculus European hybrid zone. Journal of Evolutionary Biology, 1993, 6, 529-546.	1.7	153

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19	Do discrepancies between microsatellite and allozyme variation reveal differential selection between sea and lagoon in the sea bass (Dicentrarchus labrax)?. Molecular Ecology, 2000, 9, 457-467.	3.9	153
20	Fragmentation of sea bass populations in the western and eastern Mediterranean as revealed by microsatellite polymorphism. Proceedings of the Royal Society B: Biological Sciences, 2000, 267, 929-935.	2.6	151
21	Geographic Structure in the European Flat Oyster (Ostrea edulis L.) as Revealed by Microsatellite Polymorphism., 2002, 93, 331-351.		141
22	Habitat preference and the marine-speciation paradox. Proceedings of the Royal Society B: Biological Sciences, 2003, 270, 1399-1406.	2.6	137
23	Synthesis, Structural Characterization, and Molecular Modeling of Dodecaniobate Keggin Chain Materials. Inorganic Chemistry, 2005, 44, 1774-1785.	4.0	136
24	[SiNb12O40]16â°' and [GeNb12O40]16â°': Highly Charged Keggin Ions with Sticky Surfaces. Angewandte Chemie - International Edition, 2004, 43, 2787-2792.	13.8	135
25	Genetic study of the Atlantic/Mediterranean transition in sea bass (Dicentrarchus labrax). , 1999, 90, 591-596.		132
26	Increasing genomic information in bivalves through new EST collections in four species: Development of new genetic markers for environmental studies and genome evolution. Gene, 2008, 408, 27-36.	2.2	132
27	Genes for skeletal muscle myosin heavy chains are clustered and are not located on the same mouse chromosome as a cardiac myosin heavy chain gene Proceedings of the National Academy of Sciences of the United States of America, 1985, 82, 7183-7187.	7.1	126
28	$\hat{V^2}$ 17 gene polymorphism in wild-derived mouse strains: Two amino acid substitutions in the $\hat{V^2}$ 17 region greatly alter T cell receptor specificity. Cell, 1990, 63, 717-728.	28.9	126
29	An X-chromosome linked locus contributes to abnormal placental development in mouse interspecific hybrids. Nature Genetics, 1996, 12, 398-403.	21.4	126
30	Absence of <i>Y</i> -chromosome introgression across the hybrid zone between <i>Mus musculus domesticus</i> and <i>Mus musculus musculus</i> Genetical Research, 1986, 48, 191-197.	0.9	125
31	ECOLOGICAL GENETICS IN THE NORTH ATLANTIC: ENVIRONMENTAL GRADIENTS AND ADAPTATION AT SPECIFIC LOCI. Ecology, 2008, 89, S91-107.	3.2	124
32	Solid-state Structures and Solution Behavior of Alkali Salts of the \$\$[hbox{Nb}_{6}hbox{O}_{19}]^{8-}\$\$ Lindqvist Ion. Journal of Cluster Science, 2006, 17, 197-219.	3.3	122
33	Multivariate analysis of genetic exchanges between Solea aegyptiaca and Solea senegalensis (Teleosts,) Tj ETQq1	1,0,78431 1.6	.4.rgBT /C∨
34	Origin and radiation of the house mouse: clues from nuclear genes. Journal of Evolutionary Biology, 1996, 9, 519-539.	1.7	119
35	Molecular evidence linking hominid evolution to recent radiation of schistosomes (Platyhelminthes:) Tj ETQq $1\ 1\ 0$.784314 rş 2.7	gBT/Overlo 116
36	Small effective number of parents (Nb) inferred for a naturally spawned cohort of juvenile European flat oysters Ostrea edulis. Marine Biology, 2007, 150, 1173-1182.	1.5	116

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37	Parallel genetic divergence among coastal–marine ecotype pairs of European anchovy explained by differential introgression after secondary contact. Molecular Ecology, 2016, 25, 3187-3202.	3.9	113
38	Heterozygote deficiencies in small lacustrine populations of brook charr Salvelinus Fontinalis Mitchill (Pisces, Salmonidae): a test of alternative hypotheses. Heredity, 2002, 89, 27-35.	2.6	109
39	Inferences of selection and migration in the Danish house mouse hybrid zone. Biological Journal of the Linnean Society, 2005, 84, 593-616.	1.6	104
40	Phylogeography and postglacial expansion of <i>Mus musculus domesticus</i> inferred from mitochondrial DNA coalescent, from Iran to Europe. Molecular Ecology, 2008, 17, 627-641.	3.9	103
41	Thermal regime and host clade, rather than geography, drive Symbiodinium and bacterial assemblages in the scleractinian coral Pocillopora damicornis sensu lato. Microbiome, 2018, 6, 39.	11.1	100
42	The zone of sympatry and hybridization of Mytilus edulis and M. galloprovincialis, as described by intron length polymorphism at locus mac-1. Heredity, 2001, 86, 342-354.	2.6	99
43	Evidence for a mitochondrial lineage originating from the Arabian peninsula in the Madagascar house mouse (Mus musculus). Heredity, 2002, 89, 154-158.	2.6	97
44	The mouse Igh-1 a and Igh-1 b H chain constant regions are derived from two distinct isotypic genes. Immunogenetics, 1989, 29, 92-97.	2.4	96
45	ASSORTATIVE FERTILIZATION AND SELECTION AT LARVAL STAGE IN THE MUSSELS MYTILUS EDULIS AND M. GALLOPROVINCIALIS. Evolution; International Journal of Organic Evolution, 2002, 56, 292-298.	2.3	94
46	Genetic differentiation of the house mouse around the Mediterranean basin: matrilineal footprints of early and late colonization. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 1034-1043.	2.6	94
47	Maintenance of genetic differentiation across a transition zone in the sea: discordance between nuclear and cytoplasmic markers. Journal of Evolutionary Biology, 2005, 18, 70-80.	1.7	93
48	Wormy mice in a hybrid zone: A genetic control of susceptibility to parasite infection. Journal of Evolutionary Biology, 1991, 4, 679-687.	1.7	92
49	The origins of the domestication of the olive tree. Comptes Rendus - Biologies, 2009, 332, 1059-1064.	0.2	90
50	An aqueous route to [Ta6O19]8– and solid-state studies of isostructural niobium and tantalum oxide complexes. Dalton Transactions, 2007, , 4517.	3.3	86
51	The origin and remolding of genomic islands of differentiation in the European sea bass. Nature Communications, 2018, 9, 2518.	12.8	86
52	The polyphyletic origin of laboratory inbred mice and their rate of evolution. Biological Journal of the Linnean Society, 1987, 30, 51-58.	1.6	84
53	Lessepsian invasion without bottleneck: example of two rabbitfish species (Siganus rivulatus and) Tj ETQq $1\ 1\ 0.7$	784314 rg 1.5	BT/Overlock 84
54	The application of microsatellite markers to breeding programmes in the sea bass, Dicentrarchus labrax. Aquaculture, 1998, 159, 303-316.	3.5	83

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55	Microsatellite polymorphism and genetic impact of restocking in Mediterranean brown trout (Salmo) Tj ETQq1 1	0.784314	rggT /Overl
56	A transcriptomic approach of salinity response in the euryhaline teleost, Dicentrarchus labrax. Gene, 2006, 379, 40-50.	2.2	83
57	Comparison between classical and Bayesian methods to investigate the history of olive cultivars using SSR-polymorphisms. Plant Science, 2008, 175, 524-532.	3.6	82
58	GENETIC DIFFERENTIATION AT NUCLEAR AND MITOCHONDRIAL LOCI AMONG LARGE WHITE-HEADED GULLS: SEX-BIASED INTERSPECIFIC GENE FLOW?. Evolution; International Journal of Organic Evolution, 2003, 57, 2865-2878.	2.3	81
59	Differential freshwater adaptation in juvenile sea-bass Dicentrarchus labrax: involvement of gills and urinary system. Journal of Experimental Biology, 2005, 208, 3859-3871.	1.7	80
60	Population subdivision and gene flow in Danish house mice. Molecular Ecology, 1995, 4, 311-320.	3.9	79
61	Lithium Polyniobates. A Lindqvist-Supported Lithiumâ 'Water Adamantane Cluster and Conversion of Hexaniobate to a Discrete Keggin Complex. Crystal Growth and Design, 2007, 7, 719-723.	3.0	77
62	A steep cline for mitochondrial DNA in Danish mice. Genetical Research, 1988, 52, 185-193.	0.9	76
63	Seventeen new exon-primed intron-crossing polymerase chain reaction amplifiable introns in fish. Molecular Ecology Notes, 2002, 2, 334-340.	1.7	76
64	Comparative Study of Inorganic Clusterâ^'Surfactant Arrays. Chemistry of Materials, 2005, 17, 2885-2895.	6.7	75
65	Amplification of major histocompatibility complex class II gene diversity by intraexonic recombination Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 453-457.	7.1	74
66	Microsatellite-associated heterosis in hatchery-propagated stocks of the shrimp Penaeus stylirostris. Aquaculture, 2000, 184, 203-219.	3.5	74
67	Synthesis, structure, and molecular modeling of a titanoniobate isopolyanion. Journal of Solid State Chemistry, 2003, 176, 111-119.	2.9	74
68	Adaptive Evolution and Effective Population Size in Wild House Mice. Molecular Biology and Evolution, 2012, 29, 2949-2955.	8.9	73
69	<i>Hst-3</i> : an X-linked hybrid sterility gene. Genetical Research, 1990, 56, 163-165.	0.9	72
70	Fluctuating asymmetry in the Mus musculus hybrid zone: a heterotic effect in disrupted co-adapted genomes. Proceedings of the Royal Society B: Biological Sciences, 1994, 258, 53-59.	2.6	69
71	Genetic structure of the common sole Solea vulgaris at different geographic scales. Marine Biology, 1995, 122, 361-375.	1.5	69
72	Analyse génétique de la zone d'hybridation entre les deux sous-espèces de souris Mus musculus domesticus et Mus musculus musculus en Bulgarie. Genome, 1988, 30, 427-437.	2.0	66

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73	Molecular phylogeny and plumage evolution in gulls (Larini). Journal of Evolutionary Biology, 2000, 13, 47-57.	1.7	65
74	Variable microsatellites in the Pacific Oyster Crassostrea gigas and other cupped oyster species. Animal Genetics, 2000, 31, 71-72.	1.7	65
75	Differential expression of the heat shock protein Hsp70 in natural populations of the tilapia, Sarotherodon melanotheron, acclimatised to a range of environmental salinities. BMC Ecology, 2010, 10, 11.	3.0	65
76	The musculus-type Y Chromosome of the laboratory mouse is of Asian origin. Mammalian Genome, 1992, 3, 84-91.	2.2	64
77	Fitness landscapes support the dominance theory of post-zygotic isolation in the mussels Mytilus edulis and M. galloprovincialis. Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 1253-1260.	2.6	63
78	Direct selection on allozymes is not required to explain heterogeneity among marker loci across a Mytilus hybrid zone. Molecular Ecology, 2003, 12, 2505-2510.	3.9	61
79	A genetic metapopulation model for reef fishes in oceanic islands: the case of the surgeonfish, Acanthurus triostegus. Journal of Evolutionary Biology, 1996, 9, 103-117.	1.7	59
80	lon-Exchange Behavior of One-Dimensional Linked Dodecaniobate Keggin Ion Materials. Chemistry of Materials, 2008, 20, 2513-2521.	6.7	59
81	Eurasian house mouse (Mus musculus L.) differentiation at microsatellite loci identifies the Iranian plateau as a phylogeographic hotspot. BMC Evolutionary Biology, 2015, 15, 26.	3.2	59
82	Can habitat specialisation maintain a mosaic hybrid zone in marine bivalves?. Marine Ecology - Progress Series, 2002, 245, 157-170.	1.9	59
83	Screening for intron-length polymorphisms in penaeid shrimps using exon-primed intron-crossing (EPIC)-PCR. Molecular Ecology, 2000, 9, 233-235.	3.9	57
84	Some Evolutionary Arguments about what maintains the Pelagic Interval in Reef Fishes. Environmental Biology of Fishes, 2000, 59, 365-383.	1.0	56
85	Genetic structure at different spatial scales in the pearl oyster (Pinctada margaritifera cumingii) in French Polynesian lagoons: beware of sampling strategy and genetic patchiness. Marine Biology, 2008, 155, 147-157.	1.5	56
86	Genetic diversity, clonality and connectivity in the scleractinian coral Pocillopora damicornis: a multi-scale analysis in an insular, fragmented reef system. Marine Biology, 2014, 161, 531-541.	1.5	52
87	Genetical variation and polyphyletic origin in Japanese Mus musculus. Heredity, 1989, 63, 299-308.	2.6	51
88	Large discrepancies in differentiation of allozymes, nuclear and mitochondrial DNA loci in recently founded Pacific populations of the pearl oyster Pinctada margaritifera. Journal of Evolutionary Biology, 2003, 16, 388-398.	1.7	51
89	The Complex History of a Gene Proposed to Participate in a Sexual Isolation Mechanism in House Mice. Molecular Biology and Evolution, 2002, 19, 462-471.	8.9	50
90	Allelic constitution of the hemoglobin beta chain in wild populations of the house mouse, Mus musculus. Biochemical Genetics, 1985, 23, 975-986.	1.7	48

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91	How to detect polymorphisms undergoing selection in marine fishes? A review of methods and case studies, including flatfishes. Journal of Sea Research, 2004, 51, 167-182.	1.6	48
92	Experimental and Theoretical Methods to Investigate Extraframework Species in a Layered Material of Dodecaniobate Anions. Inorganic Chemistry, 2007, 46, 2067-2079.	4.0	48
93	Tracking the Near Eastern origins and European dispersal of the western house mouse. Scientific Reports, 2020, 10, 8276.	3.3	47
94	Population structure of the common sole (Solea solea) in the Northeastern Atlantic and the Mediterranean Sea: revisiting the divide with EPIC markers. Marine Biology, 2007, 151, 327-341.	1.5	46
95	Evolution of pseudogenes in the immunoglobulin V H-gene family of the mouse. Immunogenetics, 1987, 26, 237-248.	2.4	45
96	Assessment of sea bass (Dicentrarchus labrax, L.) stock delimitation in the Bay of Biscay and the English Channel based on mark-recapture and genetic data. Fisheries Research, 2007, 83, 123-132.	1.7	45
97	Polymerase chain reaction-single strand conformation polymorphism analyses of nuclear and chloroplast DNA provide evidence for recombination, multiple introductions and nascent speciation in the Caulerpa taxifolia complex. Molecular Ecology, 2008, 11, 2317-2325.	3.9	45
98	Speciation in the Deep Sea: Multi-Locus Analysis of Divergence and Gene Flow between Two Hybridizing Species of Hydrothermal Vent Mussels. PLoS ONE, 2009, 4, e6485.	2.5	45
99	Variance in the reproductive success of flat oyster <i>Ostrea edulis</i> L. assessed by parentage analyses in natural and experimental conditions. Genetical Research, 2010, 92, 175-187.	0.9	45
100	Genetic structure of Dascyllus aruanus populations in French Polynesia. Marine Biology, 1993, 117, 665-674.	1.5	44
101	Genetic differentiation of deep-sea hydrothermal vent alvinellid populations (Annelida: Polychaeta) along the East Pacific Rise. Heredity, 1995, 74, 376-391.	2.6	44
102	House mouse phylogeography., 2012,, 278-296.		44
103	Reduced Female Gene Flow in the European Flat Oyster Ostrea edulis. Journal of Heredity, 2004, 95, 510-516.	2.4	43
104	Spatio-temporal variation in the genetic composition of wild populations of pearl oyster (Pinctada) Tj ETQq0 0 0 rg Ecology, 2004, 13, 2001-2007.	gBT /Overlo 3.9	ock 10 Tf 50 43
105	Charge density and electrostatic potential analyses in paracetamol. Acta Crystallographica Section B: Structural Science, 2009, 65, 363-374.	1.8	43
106	Evolutionary Patterns in Pearl Oysters of the Genus Pinctada (Bivalvia: Pteriidae). Marine Biotechnology, 2011, 13, 181-192.	2.4	43
107	Properties of Bias and Variance of Two Multiallelic Estimators of FST. Theoretical Population Biology, 2000, 57, 285-296.	1.1	41
108	Fluctuating Asymmetry in Mus musculus Subspecific Hybridization. , 1996, , 275-283.		41

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109	Molecular phylogeny of Fv1. Mammalian Genome, 1998, 9, 1049-1055.	2.2	40
110	Species-wide distribution of highly polymorphic minisatellite markers suggests past and present genetic exchanges among house mouse subspecies. Genome Biology, 2007, 8, R80.	9.6	39
111	Animal behaviour and cancer. Animal Behaviour, 2015, 101, 19-26.	1.9	39
112	SYSTEMATICS OF LARGE WHITE-HEADED GULLS: PATTERNS OF MITOCHONDRIAL DNA VARIATION IN WESTERN EUROPEAN TAXA. Auk, 2002, 119, 603.	1.4	39
113	Mitochondrial DNA analysis of the genetic relationships among populations of scad mackerel () Tj ETQq1 1 0.7845	314 rgBT / 1.5	Overlock 10 37
114	Polymorphism of metallothionein genes in the Pacific oysterCrassostrea gigasas a biomarker of response to metal exposure. Biomarkers, 2002, 7, 439-450.	1.9	37
115	Systematics of Large White-Headed Gulls: Patterns of Mitochondrial DNA Variation in Western European Taxa. Auk, 2002, 119, 603-620.	1.4	37
116	On the trail of Neolithic mice and men towards Transcaucasia: zooarchaeological clues from Nakhchivan (Azerbaijan). Biological Journal of the Linnean Society, 2013, 108, 917-928.	1.6	37
117	Conserved secondary structures in the ITS2 of trematode pre-rRNA. FEBS Letters, 1993, 316, 247-252.	2.8	36
118	Morphometric stepwise discriminant analysis of the five genetically determined European taxa of the genus Mus. Biological Journal of the Linnean Society, 1990, 41, 47-64.	1.6	35
119	Chromosomal introgression in house mice from the hybrid zone between M. m. domesticus and M. m. musculus in Denmark. Biological Journal of the Linnean Society, 1990, 41, 215-227.	1.6	35
120	Range-wide population structure of European sea bass <i>Dicentrarchus labrax</i> . Biological Journal of the Linnean Society, 2015, 116, 86-105.	1.6	35
121	Deleterious mutations in a hybrid zone: can mutational load decrease the barrier to gene flow?. Genetical Research, 2002, 80, 197-204.	0.9	34
122	Transcriptional responses of the black-chinned tilapia Sarotherodon melanotheron to salinity extremes. Marine Genomics, 2008, 1, 37-46.	1.1	34
123	The south-eastern house mouse Mus musculus castaneus (Rodentia: Muridae) is a polytypic subspecies. Biological Journal of the Linnean Society, 2012, 107, 295-306.	1.6	34
124	Concerted evolution in the GAPDH family of retrotransposed pseudogenes. Mammalian Genome, 1993, 4, 695-703.	2.2	32
125	Genetic hitchhiking in a subdivided population of Mytilus edulis. BMC Evolutionary Biology, 2008, 8, 164.	3.2	31
126	Molecular phylogeny of the genus Pseudoplatystoma (Bleeker, 1862): Biogeographic and evolutionary implications. Molecular Phylogenetics and Evolution, 2009, 51, 588-594.	2.7	31

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127	Caractérisation biochimique du complexe d'espèces du genre Lepus en Espagne. Mammalia, 1986, 50, 495-506.	0.7	30
128	Spat collection of the pearl oyster (Pinctada margaritifera cumingii) in French Polynesia: an evaluation of the potential impact on genetic variability of wild and farmed populations after 20 years of commercial exploitation. Aquaculture, 2003, 219, 181-192.	3.5	30
129	Patterns of morphological evolution in the mandible of the house mouse Mus musculus (Rodentia:) Tj ETQq1 1 0.	784314 rş 1.6	gBT/Overloc
130	Genomic and geographic footprints of differential introgression between two divergent fish species (Solea spp.). Heredity, 2018, 121, 579-593.	2.6	30
131	Estimating total genic diversity in the house mouse. Biochemical Genetics, 1978, 16, 287-297.	1.7	29
132	Nuclear-DNA evidence that northeastern Atlantic Mytilus trossulus mussels carry M. edulis genes. Journal of Molluscan Studies, 1999, 65, 504-507.	1.2	29
133	No reduction in neutral variability of mitochondrial and nuclear genes for a Lessepsian migrant, Upeneus moluccensis Journal of Fish Biology, 2005, 66, 865-870.	1.6	29
134	Genetic variation and phylogeography of free-living mouse species (genus Mus) in the Balkans and the Middle East. Molecular Ecology, 2007, 16, 4774-4788.	3.9	29
135	Isolation and polymorphism in mitochondrial DNA from Schistosoma mansoni. Molecular and Biochemical Parasitology, 1991, 47, 139-141.	1.1	28
136	Variations of a Y chromosome repeated sequence across subspecies of Mus musculus. Heredity, 1989, 63, 289-297.	2.6	27
137	Population genetic structure in a Robertsonian race of house mice: evidence from microsatellite polymorphism. Heredity, 1998, 80, 70-77.	2.6	27
138	Genetic and morphological differentiation between the two largest breeding colonies of Audouin's Gull Larus audouinii. Ibis, 2003, 145, 448-456.	1.9	27
139	Geographic clines and stepping-stone patterns detected along the East Pacific Rise in the vetigastropod Lepetodrilus elevatus reflect species crypticism. Marine Biology, 2008, 153, 545-563.	1.5	27
140	Serological survey of T-lymphocyte differentiation antigens in wild mice. Immunogenetics, 1985, 22, 211-218.	2.4	26
141	Two deeply divergent mitochondrial clades in the wild mouse Mus macedonicus reveal multiple glacial refuges south of Caucasus. Heredity, 2002, 89, 353-357.	2.6	26
142	Tribasic Lead Maleate and Lead Maleate:Â Synthesis and Structural and Spectroscopic Characterizations. Inorganic Chemistry, 2005, 44, 7394-7402.	4.0	26
143	Growth hormone and Prolactin-1 gene transcription in natural populations of the black-chinned tilapia Sarotherodon melanotheron acclimatised to different salinities. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2007, 147, 541-549.	1.6	26
144	Electronic Properties of 3,3′-Dimethyl-5,5′-bis(1,2,4-triazine): Towards Design of Supramolecular Arrangements of N-Heterocyclic Cul Complexes. Chemistry - A European Journal, 2007, 13, 3414-3423.	3.3	26

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145	X-Y chromosome dissociation in wild derived <i>Mus musculus </i> subspecies, laboratory mice, and their F ₁ hybrids. Cytogenetic and Genome Research, 1982, 34, 241-252.	1.1	25
146	Differences between nuclear and mitochondrial introgressions of brown trout populations from a restocked main river and its unrestocked tributary. Biological Journal of the Linnean Society, 1998, 63, 379-392.	1.6	25
147	Phylogenetic position and description of a new species of subgenus Mus (Rodentia, Mammalia) from Thailand. Zoologica Scripta, 2003, 32, 119-127.	1.7	25
148	Isolation by distance and Pleistocene expansion of the lowland populations of the white piranha Serrasalmus rhombeus. Molecular Ecology, 2007, 16, 2488-2503.	3.9	25
149	Gilthead sea bream (Sparus auratus) and European sea bass (Dicentrarchus labrax) expressed sequence tags: Characterization, tissue-specific expression and gene markers. Marine Genomics, 2010, 3, 179-191.	1.1	25
150	Whole exome sequencing of wild-derived inbred strains of mice improves power to link phenotype and genotype. Mammalian Genome, 2017, 28, 416-425.	2.2	25
151	Gene flow at major transitional areas in sea bass (<i><scp>D</scp>icentrarchus labrax</i>) and the possible emergence of a hybrid swarm. Ecology and Evolution, 2012, 2, 3061-3078.	1.9	24
152	Salinity-related variation in gene expression in wild populations of the black-chinned tilapia from various West African coastal marine, estuarine and freshwater habitats. Estuarine, Coastal and Shelf Science, 2011, 91, 102-109.	2.1	23
153	Microsatellite length variation in candidate genes correlates with habitat in the gilthead sea bream <i><scp>S</scp>parus aurata</i> Molecular Ecology, 2012, 21, 5497-5511.	3.9	23
154	Cancer: an emergent property of disturbed resourceâ€rich environments? Ecology meets personalized medicine. Evolutionary Applications, 2015, 8, 527-540.	3.1	23
155	Lambda light chain constant and variable gene complements in wild-derived inbred mouse strains. European Journal of Immunology, 1985, 15, 535-540.	2.9	22
156	Evolution of tropomyosin functional domains: Differential splicing and genomic constraints. Journal of Molecular Evolution, 1988, 27, 228-235.	1.8	22
157	Induction of a Melanomaâ€Specific Antibody Response by a Monovalent, but not a Divalent, Synthetic GM2 Neoglycopeptide. ChemMedChem, 2009, 4, 582-587.	3.2	22
158	The generation of MHC class II gene polymorphism in the genus Mus. Biological Journal of the Linnean Society, 1990, 41, 141-161.	1.6	21
159	Structures g�n�tiques compar�es de trois esp�ces de rongeurs africains du genre Mastomys au S�nï Genetica, 1990, 81, 179-192.	i;¹⁄2gal. 1.P	21
160	Ga4(PO4)4F·N2C7H11·1/2H2O: A Three-Dimensional Open Framework with 12-Membered Pores and "Bowl-Shaped―Building Units. Chemistry of Materials, 2001, 13, 2112-2117.	6.7	21
161	Evidence for male-biased effective sex ratio and recent step-by-step colonization in the bivalve Pinctada mazatlanica. Journal of Evolutionary Biology, 2003, 16, 790-796.	1.7	21
162	Prevalence and evolutionary origins of autoimmune susceptibility alleles in natural mouse populations. Genes and Immunity, 2008, 9, 61-68.	4.1	21

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163	Genomic sequences and genetic differentiation at associated tandem repeat markers in growth hormone, somatolactin and insulin-like growth factor-1 genes of the sea bass, <i> Dicentrarchus labrax </i> Aquatic Living Resources, 2010, 23, 285-296.	1.2	21
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