

Frédéric Brunet

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

4,338
citations

361413

20
h-index

677142

22
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26
all docs

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docs citations

26
times ranked

5655
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome duplication in the teleost fish <i>Tetraodon nigroviridis</i> reveals the early vertebrate proto-karyotype. <i>Nature</i> , 2004, 431, 946-957.	27.8	1,801
2	The rainbow trout genome provides novel insights into evolution after whole-genome duplication in vertebrates. <i>Nature Communications</i> , 2014, 5, 3657.	12.8	814
3	The amphioxus genome illuminates vertebrate origins and cephalochordate biology. <i>Genome Research</i> , 2008, 18, 1100-1111.	5.5	456
4	Transposable elements as drivers of genomic and biological diversity in vertebrates. <i>Chromosome Research</i> , 2008, 16, 203-215.	2.2	198
5	Amphioxus Postembryonic Development Reveals the Homology of Chordate Metamorphosis. <i>Current Biology</i> , 2008, 18, 825-830.	3.9	132
6	Phylogenomics of Life-Or-Death Switches in Multicellular Animals: Bcl-2, BH3-Only, and BNip Families of Apoptotic Regulators. <i>Molecular Biology and Evolution</i> , 2005, 22, 2395-2416.	8.9	108
7	Pigmentation Pathway Evolution after Whole-Genome Duplication in Fish. <i>Genome Biology and Evolution</i> , 2009, 1, 479-493.	2.5	104
8	Highly Variable Rates of Genome Rearrangements between Hemiascomycetous Yeast Lineages. <i>PLoS Genetics</i> , 2006, 2, e32.	3.5	94
9	The fate of the duplicated androgen receptor in fishes: a late neofunctionalization event?. <i>BMC Evolutionary Biology</i> , 2008, 8, 336.	3.2	82
10	Fasting Induces CART Down-Regulation in the Zebrafish Nervous System in a Cannabinoid Receptor 1-Dependent Manner. <i>Molecular Endocrinology</i> , 2012, 26, 1316-1326.	3.7	70
11	Adiponectin and adiponectin receptor genes are coexpressed during zebrafish embryogenesis and regulated by food deprivation. <i>Developmental Dynamics</i> , 2008, 237, 1682-1690.	1.8	61
12	The amphioxus genome enlightens the evolution of the thyroid hormone signaling pathway. <i>Development Genes and Evolution</i> , 2008, 218, 667-680.	0.9	59
13	Structural shifts of aldehyde dehydrogenase enzymes were instrumental for the early evolution of retinoid-dependent axial patterning in metazoans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 226-231.	7.1	57
14	Expansion by whole genome duplication and evolution of the sox gene family in teleost fish. <i>PLoS ONE</i> , 2017, 12, e0180936.	2.5	51
15	Nuclear hormone receptor signaling in amphioxus. <i>Development Genes and Evolution</i> , 2008, 218, 651-665.	0.9	42
16	Evolution of Retinoid and Steroid Signaling: Vertebrate Diversification from an Amphioxus Perspective. <i>Genome Biology and Evolution</i> , 2011, 3, 985-1005.	2.5	42
17	The mariner transposable element in the Drosophilidae family. <i>Heredity</i> , 1994, 73, 377-385.	2.6	37
18	Is the evolution of transposable elements modular?. <i>Genetica</i> , 1999, 107, 15-25.	1.1	27

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19	Do Deletions of Mos1-Like Elements Occur Randomly in the Drosophilidae Family?. Journal of Molecular Evolution, 2002, 54, 227-234.	1.8	26
20	Phylogenetic Analysis of Mos1-Like Transposable Elements in the Drosophilidae. Journal of Molecular Evolution, 1999, 49, 760-768.	1.8	25
21	The mariner transposable element in natural populations of <i>Drosophila teissieri</i> . Journal of Molecular Evolution, 1996, 42, 669-675.	1.8	20
22	A Mariner-Like Transposable Element in the Insect Parasite Nematode <i>Heterorhabditis bacteriophora</i> . Journal of Molecular Evolution, 1999, 48, 328-336.	1.8	16
23	Is the evolution of transposable elements modular?. , 2000, , 15-25.		12
24	Evolution of Receptor Tyrosine Kinases. , 2015, , 17-36.		3
25	Analysis of Transposable Elements Expressed in the Gonads of the Siberian Sturgeon. , 2018, , 115-130.		1
26	Seafood Genomics. , 2009, , 43-56.		0