FrÃ©dÃ©ric Brunet

List of Publications by Year
in descending order

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26	4,338	361413	677142
papers	citations	20 h-index	22 g-index

26	26	26	5655
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Analysis of Transposable Elements Expressed in the Gonads of the Siberian Sturgeon. , 2018, , 115-130.		1
2	Expansion by whole genome duplication and evolution of the sox gene family in teleost fish. PLoS ONE, 2017, 12, e0180936.	2.5	51
3	Evolution of Receptor Tyrosine Kinases. , 2015, , 17-36.		3
4	The rainbow trout genome provides novel insights into evolution after whole-genome duplication in vertebrates. Nature Communications, 2014, 5, 3657.	12.8	814
5	Fasting Induces CART Down-Regulation in the Zebrafish Nervous System in a Cannabinoid Receptor 1-Dependent Manner. Molecular Endocrinology, 2012, 26, 1316-1326.	3.7	70
6	Evolution of Retinoid and Steroid Signaling: Vertebrate Diversification from an Amphioxus Perspective. Genome Biology and Evolution, 2011, 3, 985-1005.	2.5	42
7	Structural shifts of aldehyde dehydrogenase enzymes were instrumental for the early evolution of retinoid-dependent axial patterning in metazoans. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 226-231.	7.1	57
8	Pigmentation Pathway Evolution after Whole-Genome Duplication in Fish. Genome Biology and Evolution, 2009, 1, 479-493.	2.5	104
9	Seafood Genomics. , 2009, , 43-56.		0
10	Transposable elements as drivers of genomic and biological diversity in vertebrates. Chromosome Research, 2008, 16, 203-215.	2.2	198
11	Nuclear hormone receptor signaling in amphioxus. Development Genes and Evolution, 2008, 218, 651-665.	0.9	42
12	The amphioxus genome enlightens the evolution of the thyroid hormone signaling pathway. Development Genes and Evolution, 2008, 218, 667-680.	0.9	59
13	Adiponectin and adiponectin receptor genes are coexpressed during zebrafish embryogenesis and regulated by food deprivation. Developmental Dynamics, 2008, 237, 1682-1690.	1.8	61
14	The fate of the duplicated androgen receptor in fishes: a late neofunctionalization event?. BMC Evolutionary Biology, 2008, 8, 336.	3.2	82
15	Amphioxus Postembryonic Development Reveals the Homology of Chordate Metamorphosis. Current Biology, 2008, 18, 825-830.	3.9	132
16	The amphioxus genome illuminates vertebrate origins and cephalochordate biology. Genome Research, 2008, 18, 1100-1111.	5.5	456
17	Highly Variable Rates of Genome Rearrangements between Hemiascomycetous Yeast Lineages. PLoS Genetics, 2006, 2, e32.	3.5	94
18	Phylogenomics of Life-Or-Death Switches in Multicellular Animals: Bcl-2, BH3-Only, and BNip Families of Apoptotic Regulators. Molecular Biology and Evolution, 2005, 22, 2395-2416.	8.9	108

#	Article	IF	Citations
19	Genome duplication in the teleost fish Tetraodon nigroviridis reveals the early vertebrate proto-karyotype. Nature, 2004, 431, 946-957.	27.8	1,801
20	Do Deletions of Mos1-Like Elements Occur Randomly in the Drosophilidae Family?. Journal of Molecular Evolution, 2002, 54, 227-234.	1.8	26
21	Is the evolution of transposable elements modular?. , 2000, , 15-25.		12
22	Phylogenetic Analysis of Mos1-Like Transposable Elements in the Drosophilidae. Journal of Molecular Evolution, 1999, 49, 760-768.	1.8	25
23	Is the evolution of transposable elements modular?. Genetica, 1999, 107, 15-25.	1.1	27
24	A Mariner-Like Transposable Element in the Insect Parasite Nematode Heterorhabditis bacteriophora. Journal of Molecular Evolution, 1999, 48, 328-336.	1.8	16
25	Themariner transposable element in natural populations ofDrosophila teissieri. Journal of Molecular Evolution, 1996, 42, 669-675.	1.8	20
26	The mariner transposable element in the Drosophilidae family. Heredity, 1994, 73, 377-385.	2.6	37