

Agnès Germot

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,399
citations

516710

16
h-index

580821

25
g-index

25
all docs

25
docs citations

25
times ranked

1182
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence for loss of mitochondria in Microsporidia from a mitochondrial-type HSP70 in <i>Nosema locustae</i> †Note: Nucleotide sequence data reported in this paper has been submitted to the GenBankâ„† data base under the accession number U97520.1. <i>Molecular and Biochemical Parasitology</i> , 1997, 87, 159-168.	1.1	235
2	Earlyâ€branching or fastâ€evolving eukaryotes? An answer based on slowly evolving positions. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2000, 267, 1213-1221.	2.6	226
3	Presence of a mitochondrial-type 70-kDa heat shock protein in <i>Trichomonas vaginalis</i> suggests a very early mitochondrial endosymbiosis in eukaryotes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 14614-14617.	7.1	192
4	Phylogeny of Eukaryotes Based on Ribosomal RNA: Long-Branch Attraction and Models of Sequence Evolution. <i>Molecular Biology and Evolution</i> , 2000, 17, 830-834.	8.9	149
5	The new phylogeny of eukaryotes. <i>Current Opinion in Genetics and Development</i> , 2000, 10, 596-601.	3.3	106
6	Critical Analysis of Eukaryotic Phylogeny: A Case Study Based on the HSP70 Family. <i>Journal of Eukaryotic Microbiology</i> , 1999, 46, 116-124.	1.7	96
7	Structural Evolution of Otx Genes in Craniates. <i>Molecular Biology and Evolution</i> , 2001, 18, 1668-1678.	8.9	48
8	The Mammalian Crx Genes Are Highly Divergent Representatives of the Otx5 Gene Family, a Gnathostome Orthology Class of Orthodenticle-Related Homeogenes Involved in the Differentiation of Retinal Photoreceptors and Circadian Entrainment. <i>Molecular Biology and Evolution</i> , 2003, 20, 513-521.	8.9	48
9	Î±1,4-Fucosyltransferase Activity: A Significant Function in the Primate Lineage has Appeared Twice Independently. <i>Molecular Biology and Evolution</i> , 2002, 19, 815-824.	8.9	43
10	POFUT1 as a Promising Novel Biomarker of Colorectal Cancer. <i>Cancers</i> , 2018, 10, 411.	3.7	39
11	Glycogenome expression dynamics during mouse C2C12 myoblast differentiation suggests a sequential reorganization of membrane glycoconjugates. <i>BMC Genomics</i> , 2009, 10, 483.	2.8	35
12	Structure/function study of Lewis Â³- and Â³/4-fucosyltransferases: the Â¹,4 fucosylation requires an aromatic residue in the acceptor-binding domain. <i>Glycobiology</i> , 2004, 14, 347-356.	2.5	28
13	Protein O -Fucosyltransferase 1 Expression Impacts Myogenic C2C12 Cell Commitment via the Notch Signaling Pathway. <i>Molecular and Cellular Biology</i> , 2015, 35, 391-405.	2.3	27
14	Molecular evolution of protein O-fucosyltransferase genes and splice variants. <i>Glycobiology</i> , 2006, 16, 736-747.	2.5	23
15	Reduced Notch signalling leads to postnatal skeletal muscle hypertrophy in <i>Pofut1</i> ^{cax/cax} mice. <i>Open Biology</i> , 2016, 6, 160211.	3.6	23
16	Expression patterns of LmAP2L1 and LmAP2L2 encoding two-APETALA2 domain proteins during somatic embryogenesis and germination of hybrid larch (<i>Larix marschliinsii</i>). <i>Journal of Plant Physiology</i> , 2008, 165, 1003-1010.	3.5	21
17	An original SERPINA3 gene cluster: Elucidation of genomic organization and gene expression in the <i>Bos taurus</i> 21q24 region. <i>BMC Genomics</i> , 2008, 9, 151.	2.8	16
18	The two N-glycans present on bovine Pofut1 are differently involved in its solubility and activity. <i>FEBS Journal</i> , 2007, 274, 1202-1211.	4.7	12

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19	Expression patterns of an Otx2 and an Otx5 orthologue in the urodele <i>Pleurodeles waltl</i> : implications on the evolutionary relationships between the balancers and cement gland in amphibians. <i>Development Genes and Evolution</i> , 2002, 212, 380-387.	0.9	7
20	Protein <i>O</i> -Glucosyltransferase 1 Expression Influences Formation of Differentiated Myotubes in C2C12 Cell Line. <i>DNA and Cell Biology</i> , 2018, 37, 359-372.	1.9	7
21	The single EGF-like domain of mouse PAMR1 is modified by O-Glucose, O-Fucose and O-GlcNAc. <i>Glycobiology</i> , 2021, 31, 55-68.	2.5	5
22	POFUT1 and PLAGL2 gene pair linked by a bidirectional promoter: the two in one of tumour progression in colorectal cancer?. <i>EBioMedicine</i> , 2019, 46, 25-26.	6.1	4
23	Mouse WIF1 Is Only Modified with O-Fucose in Its EGF-like Domain III Despite Two Evolutionarily Conserved Consensus Sites. <i>Biomolecules</i> , 2020, 10, 1250.	4.0	4
24	Downregulation of POFUT1 Impairs Secondary Myogenic Fusion Through a Reduced NFATc2/IL-4 Signaling Pathway. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4396.	4.1	3
25	The undulating membrane of trichomonads – the structure and immunolabelling of its cytoskeleton. <i>European Journal of Protistology</i> , 1996, 32, 298-305.	1.5	2