MÃ³nica Lopes-Marques

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6509741/publications.pdf

Version: 2024-02-01

39	732	567281 15	610901 24
papers	citations	h-index	g-index

41	41	41	1054
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The repertoire of the elongation of very long-chain fatty acids (Elovl) protein family is conserved in tambaqui (Colossoma macropomum): Gene expression profiles offer insights into the sexual differentiation process. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2022, 261, 110749.	1.6	5
2	A Robust Assay to Monitor Ataxin-3 Amyloid Fibril Assembly. Cells, 2022, 11, 1969.	4.1	3
3	SLC35A2-CDG: Novel variant and review. Molecular Genetics and Metabolism Reports, 2021, 26, 100717.	1.1	15
4	Compensatory epistasis explored by molecular dynamics simulations. Human Genetics, 2021, 140, 1329-1342.	3.8	6
5	Common polymorphic OTC variants can act as genetic modifiers of enzymatic activity. Human Mutation, 2021, 42, 978-989.	2.5	6
6	Evolution and Functional Characteristics of the Novel elovl8 That Play Pivotal Roles in Fatty Acid Biosynthesis. Genes, 2021, 12, 1287.	2.4	16
7	An ancestral nuclear receptor couple, PPAR-RXR, is exploited by organotins. Science of the Total Environment, 2021, 797, 149044.	8.0	7
8	Assessing the effects of PMM2 variants on protein stability. Molecular Genetics and Metabolism, 2021, 134, 344-352.	1.1	2
9	Genetic Variability of the Functional Domains of Chromodomains Helicase DNA-Binding (CHD) Proteins. Genes, 2021, 12, 1827.	2.4	7
10	GBA3: a polymorphic pseudogene in humans that experienced repeated gene loss during mammalian evolution. Scientific Reports, 2020, 10, 11565.	3.3	2
11	PseudoChecker: an integrated online platform for gene inactivation inference. Nucleic Acids Research, 2020, 48, W321-W331.	14.5	14
12	The Echinodermata PPAR: Functional characterization and exploitation by the model lipid homeostasis regulator tributyltin. Environmental Pollution, 2020, 263, 114467.	7.5	9
13	Losing Genes: The Evolutionary Remodeling of Cetacea Skin. Frontiers in Marine Science, 2020, 7, .	2.5	15
14	Essential genetic findings in neurodevelopmental disorders. Human Genomics, 2019, 13, 31.	2.9	41
15	Identification of a Novel Nucleobase-Ascorbate Transporter Family Member in Fish and Amphibians. Fishes, 2019, 4, 1.	1.7	11
16	Convergent inactivation of the skin-specific C-C motif chemokine ligand 27 in mammalian evolution. Immunogenetics, 2019, 71, 363-372.	2.4	9
17	Complete Inactivation of Sebum-Producing Genes Parallels the Loss of Sebaceous Glands in Cetacea. Molecular Biology and Evolution, 2019, 36, 1270-1280.	8.9	30
18	The Singularity of Cetacea Behavior Parallels the Complete Inactivation of Melatonin Gene Modules. Genes, 2019, 10, 121.	2.4	34

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19	A complete enzymatic capacity for long-chain polyunsaturated fatty acid biosynthesis is present in the Amazonian teleost tambaqui, Colossoma macropomum. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2019, 227, 90-97.	1.6	36
20	Evolutionary Exploitation of Vertebrate Peroxisome Proliferator-Activated Receptor Î³ by Organotins. Environmental Science & Technology, 2018, 52, 13951-13959.	10.0	21
21	â€œOut of the Canâ€¦ A Draft Genome Assembly, Liver Transcriptome, and Nutrigenomics of the European Sardine, Sardina pilchardus. Genes, 2018, 9, 485.	2.4	30
22	Retention of fatty acyl desaturase 1 (fads1) in Elopomorpha and Cyclostomata provides novel insights into the evolution of long-chain polyunsaturated fatty acid biosynthesis in vertebrates. BMC Evolutionary Biology, 2018, 18, 157.	3.2	40
23	Cetacea are natural knockouts for IL20. Immunogenetics, 2018, 70, 681-687.	2.4	19
24	Expansion, retention and loss in the Acyl-CoA synthetase â€œ Bubblegum â€•(Acsbg) gene family in vertebrate history. Gene, 2018, 664, 111-118.	2.2	16
25	Molecular and functional characterization of a fads2 orthologue in the Amazonian teleost, Arapaima gigas. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2017, 203, 84-91.	1.6	28
26	LXRÎ± and LXRÎ² nuclear receptors evolved in the common ancestor of gnathostomes. Genome Biology and Evolution, 2017, 9, evw305.	2.5	10
27	Unusual loss of chymosin in mammalian lineages parallels neo-natal immune transfer strategies. Molecular Phylogenetics and Evolution, 2017, 116, 78-86.	2.7	15
28	Evolutionary functional elaboration of the Elovl2/5 gene family in chordates. Scientific Reports, 2016, 6, 20510.	3.3	60
29	A cytosolic carbonic anhydrase molecular switch occurs in the gills of metamorphic sea lamprey. Scientific Reports, 2016, 6, 33954.	3.3	20
30	A mollusk VDR/PXR/CAR-like (NR1J) nuclear receptor provides insight into ancient detoxification mechanisms. Aquatic Toxicology, 2016, 174, 61-69.	4.0	16
31	Statins: An undesirable class of aquatic contaminants?. Aquatic Toxicology, 2016, 174, 1-9.	4.0	53
32	Basal Gnathostomes Provide Unique Insights into the Evolution of Vitamin B12 Binders. Genome Biology and Evolution, 2015, 7, 457-464.	2.5	6
33	The Origin and Diversity of Cpt1 Genes in Vertebrate Species. PLoS ONE, 2015, 10, e0138447.	2.5	16
34	Diversity and history of the long-chain acyl-CoA synthetase (Acsl) gene family in vertebrates. BMC Evolutionary Biology, 2013, 13, 271.	3.2	60
35	Characterization of the Human Ornithine Transcarbamylase 3â€² Untranslated Regulatory Region. DNA and Cell Biology, 2012, 31, 427-433.	1.9	7
36	Human carbamoyl phosphate synthetase I (CPSI): Insights on the structural role of the unknown function domains. Biochemical and Biophysical Research Communications, 2012, 421, 409-412.	2.1	7

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37	A novel Acetyl-CoA synthetase short-chain subfamily member 1 (Acss1) gene indicates a dynamic history of paralogue retention and loss in vertebrates. Gene, 2012, 497, 249-255.	2.2	12
38	The Evolution of Pepsinogen C Genes in Vertebrates: Duplication, Loss and Functional Diversification. PLoS ONE, 2012, 7, e32852.	2.5	19
39	Consequences of primer binding-sites polymorphisms on genotyping practice. Open Journal of Genetics, 2011, 01, 15-17.	0.1	9