Marcela Hermann

List of Publications by Year
in descending order

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Version: 2024-02-01

25 papers	740 citations	566801 15 h-index	580395 25 g-index
25 all docs	25 docs citations	25 times ranked	886 citing authors

#	Article	IF	Citations
1	Evolutionary Origin and Diversification of Epidermal Barrier Proteins in Amniotes. Molecular Biology and Evolution, 2014, 31, 3194-3205.	3.5	109
2	Identification of reptilian genes encoding hair keratin-like proteins suggests a new scenario for the evolutionary origin of hair. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 18419-18423.	3.3	104
3	Trichohyalin-Like Proteins Have Evolutionarily Conserved Roles in the Morphogenesis of Skin Appendages. Journal of Investigative Dermatology, 2014, 134, 2685-2692.	0.3	62
4	The Developing Chicken Yolk Sac Acquires Nutrient Transport Competence by an Orchestrated Differentiation Process of Its Endodermal Epithelial Cells. Journal of Biological Chemistry, 2013, 288, 1088-1098.	1.6	61
5	Convergent evolution of cysteine-rich proteins in feathers and hair. BMC Evolutionary Biology, 2015, 15, 82.	3.2	60
6	Hydrogen Sulfide Scavenges the Cytotoxic Lipid Oxidation Product 4-HNE. Neurotoxicity Research, 2010, 17, 249-256.	1.3	57
7	Convergent Evolution of Cysteine-Rich Keratins in Hard Skin Appendages of Terrestrial Vertebrates. Molecular Biology and Evolution, 2020, 37, 982-993.	3.5	33
8	Lipoprotein Receptors in Extraembryonic Tissues of the Chicken. Journal of Biological Chemistry, 2000, 275, 16837-16844.	1.6	32
9	Identification of Apolipoprotein A-I as a Retinoic Acid-binding Protein in the Eye. Journal of Biological Chemistry, 2016, 291, 18991-19005.	1.6	27
10	A novel estrogen-regulated avian apolipoprotein. Biochimie, 2013, 95, 2445-2453.	1.3	22
11	Immunolocalization of a Histidine-Rich Epidermal Differentiation Protein in the Chicken Supports the Hypothesis of an Evolutionary Developmental Link between the Embryonic Subperiderm and Feather Barbs and Barbules. PLoS ONE, 2016, 11, e0167789.	1.1	22
12	Novel avian single-chain fragment variable (scFv) targets dietary gluten and related natural grain prolamins, toxic entities of celiac disease. BMC Biotechnology, 2015, 15, 109.	1.7	20
13	Molecular cloning, expression, and hormonal regulation of the chicken microsomal triglyceride transfer protein. Gene, 2013, 523, 1-9.	1.0	19
14	Estrogen-enhanced apical and basolateral secretion of apolipoprotein B-100 by polarized trophoblast-derived BeWo cells. Biochimie, 2017, 138, 116-123.	1.3	15
15	Immunolocalization and phylogenetic profiling of the feather protein with the highest cysteine content. Protoplasma, 2019, 256, 1257-1265.	1.0	15
16	Receptor-associated Protein in an Oviparous Species Is Correlated with the Expression of a Receptor Variant. Journal of Biological Chemistry, 1997, 272, 30221-30227.	1.6	14
17	Estrogen enhances secretion of apolipoprotein B-100 containing lipoproteins by BeWo cells. Biochimie, 2015, 112, 121-128.	1.3	13
18	Expression of microsomal triglyceride transfer protein in lipoprotein-synthesizing tissues of the developing chicken embryo. Biochimie, 2014, 101, 67-74.	1.3	10

#	Article	IF	Citations
19	Regulation by estrogen of synthesis and secretion of apolipoprotein A-I in the chicken hepatoma cell line, LMH-2A. Biochimica Et Biophysica Acta - Molecular Cell Research, 2003, 1641, 25-33.	1.9	9
20	Renal LRP2 expression in man and chicken is estrogen-responsive. Gene, 2012, 508, 49-59.	1.0	8
21	Development and characterization of specific <scp>antiâ€Usutu</scp> virus chickenâ€derived single chain variable fragment antibodies. Protein Science, 2020, 29, 2175-2188.	3.1	8
22	Hepatosteatosis and estrogen increase apolipoprotein O production in the chicken. Biochimie, 2016, 127, 37-43.	1.3	7
23	The Trichohyalin-Like Protein Scaffoldin Is Expressed in the Multilayered Periderm during Development of Avian Beak and Egg Tooth. Genes, 2021, 12, 248.	1.0	5
24	Oleic acid induces the novel apolipoprotein O and reduces mitochondrial membrane potential in chicken and human hepatoma cells. Biochimie, 2018, 147, 136-142.	1.3	4
25	Single-cell transcriptomics defines keratinocyte differentiation in avian scutate scales. Scientific Reports, 2022, 12, 126.	1.6	4