RafaÅ, R StarzyÅ„ski

List of Publications by Year
in descending order

36 papers	726 citations	623734 14 h-index	552781 26 g-index
36 all docs	36 docs citations	36 times ranked	880 citing authors

#	Article	IF	Citations
1	Vascular smooth muscle cell proliferation as a therapeutic target. Part 1: molecular targets and pathways. Biotechnology Advances, 2018, 36, 1586-1607.	11.7	78
2	Benefits and Risks of Iron Supplementation in Anemic Neonatal Pigs. American Journal of Pathology, 2010, 177, 1233-1243.	3.8	74
3	Molecular insights into the regulation of iron metabolism during the prenatal and early postnatal periods. Cellular and Molecular Life Sciences, 2013, 70, 23-38.	5.4	50
4	Iron Supplementation in Suckling Piglets: How to Correct Iron Deficiency Anemia without Affecting Plasma Hepcidin Levels. PLoS ONE, 2013, 8, e64022.	2.5	50
5	Iron Supplementation in Suckling Piglets: An Ostensibly Easy Therapy of Neonatal Iron Deficiency Anemia. Pharmaceuticals, 2018, 11, 128.	3.8	41
6	Vascular smooth muscle cell proliferation as a therapeutic target. Part 2: Natural products inhibiting proliferation. Biotechnology Advances, 2018, 36, 1608-1621.	11.7	38
7	Down-regulation of Iron Regulatory Protein 1 Activities and Expression in Superoxide Dismutase 1 Knock-out Mice Is Not Associated with Alterations in Iron Metabolism. Journal of Biological Chemistry, 2005, 280, 4207-4212.	3.4	36
8	Ferroportin expression in haem oxygenase 1-deficient mice. Biochemical Journal, 2013, 449, 69-78.	3.7	34
9	Dietary hemoglobin rescues young piglets from severe iron deficiency anemia: Duodenal expression profile of genes involved in heme iron absorption. PLoS ONE, 2017, 12, e0181117.	2.5	34
10	Haemolytic anaemia and alterations in hepatic iron metabolism in aged mice lacking Cu,Zn-superoxide dismutase. Biochemical Journal, 2009, 420, 383-390.	3.7	26
11	Mice Overexpressing Both Non-Mutated Human SOD1 and Mutated SOD1G93A Genes: A Competent Experimental Model for Studying Iron Metabolism in Amyotrophic Lateral Sclerosis. Frontiers in Molecular Neuroscience, 2016, 8, 82.	2.9	20
12	Mottled Mice and Non-Mammalian Models of Menkes Disease. Frontiers in Molecular Neuroscience, 2015, 8, 72.	2.9	19
13	Mutation in the CPC motif-containing 6th transmembrane domain affects intracellular localization, trafficking and coppertransport efficiency of ATP7Aprotein in mosaic mutant miceâ€“â€“an animal model of Menkes disease. Metallomics, 2012, 4, 197-204.	2.4	16
14	Molecular Regulation of Copper Homeostasis in the Male Gonad during the Process of Spermatogenesis. International Journal of Molecular Sciences, 2020, 21, 9053.	4.1	16
15	Urinary Hepcidin Levels in Iron-Deficient and Iron-Supplemented Piglets Correlate with Hepcidin Hepatic mRNA and Serum Levels and with Body Iron Status. PLoS ONE, 2015, 10, e0136695.	2.5	15
16	Mutation in the Sp1 motif of the bovine leptin gene affects its expression. Mammalian Genome, 2006, 17, 77-82.	2.2	14
17	Atp7a and Atp7b regulate copper homeostasis in developing male germ cells in mice. Metallomics, 2017, 9, 1288-1303.	2.4	14
18	Marginally reduced maternal hepatic and splenic ferroportin under severe nutritional iron deficiency in pregnancy maintains systemic iron supply. American Journal of Hematology, 2021, 96, 659-670.	4.1	14

#	Article	IF	Citations
19	Alterations in the expression of the Atp7a gene in the early postnatal development of the mosaic mutant mice (Atp7amo-ms) â€“ An animal model for Menkes disease. Gene Expression Patterns, 2011, 11, 41-47.	0.8	13
20	Hepatic iron content corresponds with the susceptibility of lymphocytes to oxidative stress in neonatal pigs. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2008, 657, 146-149.	1.7	12
21	Developmental changes in the expression of the Atp7a gene in the liver of mice during the postnatal period. Journal of Experimental Zoology, 2010, 313A, 209-217.	1.2	12
22	Copper therapy reduces intravascular hemolysis and derepresses ferroportin in mice with mosaic mutation (Atp7a mo-ms): An implication for copper-mediated regulation of the Slc40a1 gene expression. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 1410-1421.	3.8	11
23	Long-term Effect of Split Iron Dextran/Hemoglobin Supplementation on Erythrocyte and Iron Status, Growth Performance, Carcass Parameters, and Meat Quality of Polish Large White and 990 Line Pigs. Biological Trace Element Research, 2020, 196, 472-480.	3.5	11
24	Role of the kidneys in the redistribution of heme-derived iron during neonatal hemolysis in mice. Scientific Reports, 2019, 9, 11102.	3.3	9
25	Promoter variant-dependent expression of the STAT5A gene in bovine liver. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2004, 1679, 195-199.	2.4	8
26	Pathogenesis, Diagnosis, and Clinical Implications of Hereditary Hemochromatosisâ€”The Cardiological Point of View. Diagnostics, 2021, 11, 1279.	2.6	8
27	Comparative Evaluation of Sucrosomial Iron and Iron Oxide Nanoparticles as Oral Supplements in Iron Deficiency Anemia in Piglets. International Journal of Molecular Sciences, 2021, 22, 9930.	4.1	7
28	Haemolysis and Perturbations in the Systemic Iron Metabolism of Suckling, Copper-Deficient Mosaic Mutant Mice â€“ An Animal Model of Menkes Disease. PLoS ONE, 2014, 9, e107641.	2.5	7
29	A drastic superoxide-dependent oxidative stress is prerequisite for the down-regulation of IRP1: Insights from studies on SOD1-deficient mice and macrophages treated with paraquat. PLoS ONE, 2017, 12, e0176800.	2.5	6
30	Influence of elevated temperature on bovine oviduct epithelial cells (BOECs). PLoS ONE, 2018, 13, e0198843.	2.5	6
31	A new SNP in the promoter region of the porcineMYF5 gene has no effect on its transcript level inm. longissimus dorsi. Journal of Applied Genetics, 2006, 47, 59-61.	1.9	5
32	Molecular machinery providing copper bioavailability for spermatozoa along the epididymial tubule in mouse. Biology of Reproduction, 2019, 100, 1505-1520.	2.7	5
33	Role of Iron Metabolism-Related Genes in Prenatal Development: Insights from Mouse Transgenic Models. Genes, 2021, 12, 1382.	2.4	5
34	A characterization of the activities of iron regulatory protein 1 in various farm animal species. Cellular and Molecular Biology Letters, 2004, 9, 651-64.	7.0	5
35	Exacerbation of Neonatal Hemolysis and Impaired Renal Iron Handling in Heme Oxygenase 1-Deficient Mice. International Journal of Molecular Sciences, 2020, 21, 7754.	4.1	4
36	Genetic basis of host innate immune response in mastitis caused by Staphylococcus aureus. Central-European Journal of Immunology, 2012, 4, 405-409.	1.2	3