# RafaÅ, R StarzyÅ„ski

List of Publications by Year
in descending order



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|---|---|---|---|
| 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 | 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 |
| 2 | Pathogenesis, Diagnosis, and Clinical Implications of Hereditary Hemochromatosisâ€"The Cardiological Point of View. Diagnostics, 2021, 11, 1279. | 2.6 | 8 |
| 3 | Role of Iron Metabolism-Related Genes in Prenatal Development: Insights from Mouse Transgenic Models. Genes, 2021, 12, 1382. | 2.4 | 5 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | Role of the kidneys in the redistribution of heme-derived iron during neonatal hemolysis in mice. Scientific Reports, 2019, 9, 11102. | 3.3 | 9 |
| 9 | Molecular machinery providing copper bioavailability for spermatozoa along the epididymial tubule in mouse. Biology of Reproduction, 2019, 100, 1505-1520. | 2.7 | 5 |
| 10 | Vascular smooth muscle cell proliferation as a therapeutic target. Part 2: Natural products inhibiting proliferation. Biotechnology Advances, 2018, 36, 1608-1621. | 11.7 | 38 |
| 11 | Vascular smooth muscle cell proliferation as a therapeutic target. Part 1: molecular targets and pathways. Biotechnology Advances, 2018, 36, 1586-1607. | 11.7 | 78 |
| 12 | Iron Supplementation in Suckling Piglets: An Ostensibly Easy Therapy of Neonatal Iron Deficiency Anemia. Pharmaceuticals, 2018, 11, 128. | 3.8 | 41 |
| 13 | Influence of elevated temperature on bovine oviduct epithelial cells (BOECs). PLoS ONE, 2018, 13, e0198843. | 2.5 | 6 |
| 14 | 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 |
| 15 | Atp7a and Atp7b regulate copper homeostasis in developing male germ cells in mice. Metallomics, 2017, 9, 1288-1303. | 2.4 | 14 |
| 16 | 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 |
| 17 | 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 |
| 18 | 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 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Mottled Mice and Non-Mammalian Models of Menkes Disease. Frontiers in Molecular Neuroscience, 2015, 8, 72. | 2.9 | 19 |
| 20 | 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 |
| 21 | 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 |
| 22 | 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 |
| 23 | Ferroportin expression in haem oxygenase 1-deficient mice. Biochemical Journal, 2013, 449, 69-78. | 3.7 | 34 |
| 24 | Iron Supplementation in Suckling Piglets: How to Correct Iron Deficiency Anemia without Affecting Plasma Hepcidin Levels. PLoS ONE, 2013, 8, e64022. | 2.5 | 50 |
| 25 | 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 |
| 26 | 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 |
| 27 | 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 |
| 28 | 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 |
| 29 | Benefits and Risks of Iron Supplementation in Anemic Neonatal Pigs. American Journal of Pathology, 2010, 177, 1233-1243. | 3.8 | 74 |
| 30 | 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 |
| 31 | 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 |
| 32 | Mutation in the Sp1 motif of the bovine leptin gene affects its expression. Mammalian Genome, 2006, 17, 77-82. | 2.2 | 14 |
| 33 | 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 |
| 34 | 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 |
| 35 | 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 |
| 36 | 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 |