# Michele Alves-Bezerra

List of Publications by Year
in descending order



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|---|---|---|---|
| 30 papers | 1,687 citations | 516710 16 h-index | 477307 29 g-index |
| 33 all docs | 33 docs citations | 33 times ranked | 2489 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Triglyceride Metabolism in the Liver. , 2017, 8, 1-22. | | 440 |
| 2 | Genome of Rhodnius prolixus , an insect vector of Chagas disease, reveals unique adaptations to hematophagy and parasite infection. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 14936-14941. | 7.1 | 329 |
| 3 | An Insight into the Transcriptome of the Digestive Tract of the Bloodsucking Bug, Rhodnius prolixus. PLoS Neglected Tropical Diseases, 2014, 8, e2594. | 3.0 | 184 |
| 4 | Looking for reference genes for realâ€time quantitative PCR experiments in Rhodnius prolixus (Hemiptera: Reduviidae). Insect Molecular Biology, 2011, 20, 713-722. | 2.0 | 126 |
| 5 | The deubiquitinating enzyme cylindromatosis mitigates nonalcoholic steatohepatitis. Nature Medicine, 2018, 24, 213-223. | 30.7 | 104 |
| 6 | The NIH Somatic Cell Genome Editing program. Nature, 2021, 592, 195-204. | 27.8 | 84 |
| 7 | Adipokinetic hormone receptor gene identification and its role in triacylglycerol metabolism in the blood-sucking insect Rhodnius prolixus. Insect Biochemistry and Molecular Biology, 2016, 69, 51-60. | 2.7 | 47 |
| 8 | Triacylglycerol biosynthesis occurs via the glycerol-3-phosphate pathway in the insect Rhodnius prolixus. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2012, 1821, 1462-1471. | 2.4 | 37 |
| 9 | GENE IDENTIFICATION AND ENZYMATIC PROPERTIES OF A MEMBRANEâ€BOUND TREHALASE FROM THE OVARY OF <scp>R</scp>HODNIUS PROLIXUS. Archives of Insect Biochemistry and Physiology, 2012, 81, 199-213. | 1.5 | 28 |
| 10 | Long-chain acyl-CoA synthetase 2 knockdown leads to decreased fatty acid oxidation in fat body and reduced reproductive capacity in the insect Rhodnius prolixus. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2016, 1861, 650-662. | 2.4 | 28 |
| 11 | A human liver chimeric mouse model for non-alcoholic fatty liver disease. JHEP Reports, 2021, 3, 100281. | 4.9 | 27 |
| 12 | Thioesterase Superfamily Member 2 Promotes Hepatic VLDL Secretion by Channeling Fatty Acids Into Triglyceride Biosynthesis. Hepatology, 2019, 70, 496-510. | 7.3 | 25 |
| 13 | Serotonin regulates an acyl-CoA-binding protein (ACBP) gene expression in the midgut of Rhodnius prolixus. Insect Biochemistry and Molecular Biology, 2010, 40, 119-125. | 2.7 | 23 |
| 14 | Transport of inorganic phosphate in Leishmania infantum and compensatory regulation at low inorganic phosphate concentration. Biochimica Et Biophysica Acta - General Subjects, 2013, 1830, 2683-2689. | 2.4 | 20 |
| 15 | Using CRISPR/Cas9 to model human liver disease. JHEP Reports, 2019, 1, 392-402. | 4.9 | 20 |
| 16 | Insulin receptor deficiency reduces lipid synthesis and reproductive function in the insect Rhodnius prolixus. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2021, 1866, 158851. | 2.4 | 20 |
| 17 | Deficiency of glycerol-3-phosphate acyltransferase 1 decreases triacylglycerol storage and induces fatty acid oxidation in insect fat body. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2017, 1862, 324-336. | 2.4 | 19 |
| 18 | The ACBP gene family in Rhodnius prolixus : Expression, characterization and function of RpACBP-1. Insect Biochemistry and Molecular Biology, 2016, 72, 41-52. | 2.7 | 18 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Interaction between Trypanosoma rangeli and the Rhodnius prolixus salivary gland depends on the phosphotyrosine ecto-phosphatase activity of the parasite. International Journal for Parasitology, 2012, 42, 819-827. | 3.1 | 17 |
| 20 | Identification of uncoupling protein 4 from the blood-sucking insect Rhodnius prolixus and its possible role on protection against oxidative stress. Insect Biochemistry and Molecular Biology, 2014, 50, 24-33. | 2.7 | 17 |
| 21 | Lipid metabolism in Rhodnius prolixus : Lessons from the genome. Gene, 2017, 596, 27-44. | 2.2 | 15 |
| 22 | H+-dependent inorganic phosphate uptake in Trypanosoma brucei is influenced by myo-inositol transporter. Journal of Bioenergetics and Biomembranes, 2017, 49, 183-194. | 2.3 | 13 |
| 23 | Blood meal drives de novo lipogenesis in the fat body of Rhodnius prolixus. Insect Biochemistry and Molecular Biology, 2021, 133, 103511. | 2.7 | 12 |
| 24 | Rhodnius prolixus LIPOPHORIN: LIPID COMPOSITION AND EFFECT OF HIGH TEMPERATURE ON PHYSIOLOGICAL ROLE. Archives of Insect Biochemistry and Physiology, 2013, 82, 129-140. | 1.5 | 9 |
| 25 | Regulation of fatty acid trafficking in liver by thioesterase superfamily member 1. Journal of Lipid Research, 2018, 59, 368-379. | 4.2 | 7 |
| 26 | Maternal Programming of Social Dominance via Milk Cytokines. IScience, 2020, 23, 101357. | 4.1 | 6 |
| 27 | Thioesterase superfamily member 2 promotes hepatic insulin resistance in the setting of glycerol-3-phosphate acyltransferase 1â€“induced steatosis. Journal of Biological Chemistry, 2019, 294, 2009-2020. | 3.4 | 5 |
| 28 | Upâ€regulation of thioesterase superfamily member 2 in skeletal muscle promotes hepatic steatosis and insulin resistance in mice. Hepatology, 2022, 75, 154-169. | 7.3 | 4 |
| 29 | EFFECT OF STARVATION ON LIPOPHORIN DENSITY IN FIFTH INSTAR LARVAL Manduca sexta. Archives of Insect Biochemistry and Physiology, 2013, 84, 145-156. | 1.5 | 2 |
| 30 | Thioesterase superfamily member 2 (Them2) Regulates Fatty Acid Partitioning Between Oxidative and Secretory Pathways in the Liver. FASEB Journal, 2018, 32, 672.5. | 0.5 | 0 |