

# Michele Alves-Bezerra

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

1,687  
citations

516681

16  
h-index

477281

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 <i>Rhodnius prolixus</i> , 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, <i>Rhodnius prolixus</i> . PLoS Neglected Tropical Diseases, 2014, 8, e2594.	3.0	184
4	Looking for reference genes for real-time quantitative PCR experiments in <i>Rhodnius prolixus</i> (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 <i>Rhodnius prolixus</i> . 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 <i>Rhodnius prolixus</i> . 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 MEMBRANE-BOUND TREHALASE FROM THE OVARY OF <i>HODNIUS PROLIXUS</i> . 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 <i>Rhodnius prolixus</i> . 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 <i>Rhodnius prolixus</i> . Insect Biochemistry and Molecular Biology, 2010, 40, 119-125.	2.7	23
14	Transport of inorganic phosphate in <i>Leishmania infantum</i> 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 <i>Rhodnius prolixus</i> . 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 <i>Rhodnius prolixus</i> : 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 <i>Trypanosoma rangeli</i> and the <i>Rhodnius prolixus</i> salivary gland depends on the phosphotyrosine ecto-phosphatase activity of the parasite. <i>International Journal for Parasitology</i> , 2012, 42, 819-827.	3.1	17
20	Identification of uncoupling protein 4 from the blood-sucking insect <i>Rhodnius prolixus</i> and its possible role on protection against oxidative stress. <i>Insect Biochemistry and Molecular Biology</i> , 2014, 50, 24-33.	2.7	17
21	Lipid metabolism in <i>Rhodnius prolixus</i> : Lessons from the genome. <i>Gene</i> , 2017, 596, 27-44.	2.2	15
22	H <sup>+</sup> -dependent inorganic phosphate uptake in <i>Trypanosoma brucei</i> is influenced by myo-inositol transporter. <i>Journal of Bioenergetics and Biomembranes</i> , 2017, 49, 183-194.	2.3	13
23	Blood meal drives de novo lipogenesis in the fat body of <i>Rhodnius prolixus</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2021, 133, 103511.	2.7	12
24	<i>Rhodnius prolixus</i> LIOPHORIN: LIPID COMPOSITION AND EFFECT OF HIGH TEMPERATURE ON PHYSIOLOGICAL ROLE. <i>Archives of Insect Biochemistry and Physiology</i> , 2013, 82, 129-140.	1.5	9
25	Regulation of fatty acid trafficking in liver by thioesterase superfamily member 1. <i>Journal of Lipid Research</i> , 2018, 59, 368-379.	4.2	7
26	Maternal Programming of Social Dominance via Milk Cytokines. <i>IScience</i> , 2020, 23, 101357.	4.1	6
27	Thioesterase superfamily member 2 promotes hepatic insulin resistance in the setting of glycerol-3-phosphate acyltransferase 1 $\alpha$ -induced steatosis. <i>Journal of Biological Chemistry</i> , 2019, 294, 2009-2020.	3.4	5
28	Up $\alpha$ regulation of thioesterase superfamily member 2 in skeletal muscle promotes hepatic steatosis and insulin resistance in mice. <i>Hepatology</i> , 2022, 75, 154-169.	7.3	4
29	EFFECT OF STARVATION ON LIOPHORIN DENSITY IN FIFTH INSTAR LARVAL <i>Manduca sexta</i> . <i>Archives of Insect Biochemistry and Physiology</i> , 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. <i>FASEB Journal</i> , 2018, 32, 672.5.	0.5	0