

Patricia Y Scaraffia

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22
papers

375
citations

10
h-index

19
g-index

22
ext. papers

418
ext. citations

3.2
avg, IF

3.25
L-index

#	Paper	IF	Citations
22	Ammonia metabolism in <i>Aedes aegypti</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2005 , 35, 491-503	4.5	61
21	Discovery of an alternate metabolic pathway for urea synthesis in adult <i>Aedes aegypti</i> mosquitoes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 518-23	11.5	56
20	Differential ammonia metabolism in <i>Aedes aegypti</i> fat body and midgut tissues. <i>Journal of Insect Physiology</i> , 2010 , 56, 1040-9	2.4	44
19	Urea synthesis and excretion in <i>Aedes aegypti</i> mosquitoes are regulated by a unique cross-talk mechanism. <i>PLoS ONE</i> , 2013 , 8, e65393	3.7	32
18	Analysis of whole body ammonia metabolism in <i>Aedes aegypti</i> using [15N]-labeled compounds and mass spectrometry. <i>Insect Biochemistry and Molecular Biology</i> , 2006 , 36, 614-22	4.5	31
17	Fragmentation pathway for glutamine identification: loss of 73 Da from dimethylformamidine glutamine isobutyl ester. <i>Journal of the American Society for Mass Spectrometry</i> , 2005 , 16, 1192-203	3.5	24
16	Increased Akt signaling in the mosquito fat body increases adult survivorship. <i>FASEB Journal</i> , 2015 , 29, 1404-13	0.9	21
15	Effective disposal of nitrogen waste in blood-fed <i>Aedes aegypti</i> mosquitoes requires alanine aminotransferase. <i>FASEB Journal</i> , 2016 , 30, 111-20	0.9	16
14	Study of the fragmentation of arginine isobutyl ester applied to arginine quantification in <i>Aedes aegypti</i> mosquito excreta. <i>Journal of Mass Spectrometry</i> , 2012 , 47, 1364-71	2.2	11
13	Differentiation and quantification of C1 and C2 (13)C-labeled glucose by tandem mass spectrometry. <i>Analytical Biochemistry</i> , 2010 , 404, 40-4	3.1	11
12	Xanthine dehydrogenase-1 silencing in mosquitoes promotes a blood feeding-induced adulticidal activity. <i>FASEB Journal</i> , 2017 , 31, 2276-2286	0.9	10
11	Exposure to L-cycloserine incurs survival costs and behavioral alterations in <i>Aedes aegypti</i> females. <i>Parasites and Vectors</i> , 2014 , 7, 373	4	8
10	Low mass MS/MS fragments of protonated amino acids used for distinction of their 13C-isotopomers in metabolic studies. <i>Journal of the American Society for Mass Spectrometry</i> , 2013 , 24, 622-31	3.5	8
9	Effects of temperature and pH on hexokinase from the flight muscles of <i>Dipetalogaster maximus</i> (Hemiptera: Reduviidae). <i>Journal of Medical Entomology</i> , 2000 , 37, 689-94	2.2	8
8	Presence of a fatty acid-binding protein and lipid stores in flight muscles of <i>Dipetalogaster maximus</i> (Hemiptera: Reduviidae). <i>Journal of Medical Entomology</i> , 2000 , 37, 938-44	2.2	8
7	Positional stable isotope tracer analysis reveals carbon routes during ammonia metabolism of mosquitoes. <i>FASEB Journal</i> , 2018 , 32, 466-477	0.9	7
6	Enzymatic and Ultrastructural Changes in Thoracic Muscles of Triatomine Insects during the Last Stages of Metamorphosis. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1997 , 116, 173-179		7

5	Distinctive regulatory properties of pyruvate kinase 1 from <i>Aedes aegypti</i> mosquitoes. <i>Insect Biochemistry and Molecular Biology</i> , 2019 , 104, 82-90	4.5	4
4	Mass spectrometry-based stable-isotope tracing uncovers metabolic alterations in pyruvate kinase-deficient <i>Aedes aegypti</i> mosquitoes. <i>Insect Biochemistry and Molecular Biology</i> , 2020 , 121, 103366	4.5	3
3	Unraveling mosquito metabolism with mass spectrometry-based metabolomics. <i>Trends in Parasitology</i> , 2021 , 37, 747-761	6.4	3
2	Disruption of Mosquito Blood Meal Protein Metabolism 2016 , 253-275		2
1	Ornithine decarboxylase deficiency critically impairs nitrogen metabolism and survival in <i>Aedes aegypti</i> mosquitoes.. <i>FASEB Journal</i> , 2022 , 36, e22279	0.9	