Helena Araujo

List of Publications by Year
in descending order

32 papers	966 citations	623574 14 h-index	477173 29 g-index
39 all docs	39 docs citations	39 times ranked	1226 citing authors

#	Article	IF	Citations
1	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.	3.3	329
2	An Insight into the Transcriptome of the Digestive Tract of the Bloodsucking Bug, Rhodnius prolixus. PLoS Neglected Tropical Diseases, 2014, 8, e2594.	1.3	184
3	The embryogenesis of the Tick Rhipicephalus (Boophilus) microplus: The establishment of a new chelicerate model system. Genesis, 2013, 51, 803-818.	0.8	53
4	Rhodnius prolixus: From classical physiology to modern developmental biology. Genesis, 2017, 55, e22995.	0.8	42
5	Chitin deposition on the embryonic cuticle of Rhodnius prolixus: The reduction of CHS transcripts by CHSâ€“dsRNA injection in females affects chitin deposition and eclosion of the first instar nymph. Insect Biochemistry and Molecular Biology, 2014, 51, 101-109.	1.2	34
6	Integrins modulate Sog activity in the Drosophila wing. Development (Cambridge), 2003, 130, 3851-3864.	1.2	32
7	Toll signals regulate dorsalâ€“ventral patterning and anteriorâ€“posterior placement of the embryo in the hemipteran Rhodnius prolixus. EvoDevo, 2014, 5, 38.	1.3	31
8	Transcriptomic and functional analyses of the piRNA pathway in the Chagas disease vector Rhodnius prolixus. PLoS Neglected Tropical Diseases, 2018, 12, e0006760.	1.3	28
9	The Ca2+-dependent protease Calpain A regulates Cactus/IÎºB levels during Drosophila development in response to maternal Dpp signals. Mechanisms of Development, 2009, 126, 737-751.	1.7	22
10	Requirement of the roughest gene for differentiation and time of death of interommatidial cells during pupal stages of Drosophila compound eye development. Mechanisms of Development, 2003, 120, 537-547.	1.7	20
11	Calpain A modulates Toll responses by limited Cactus/IÎºB proteolysis. Molecular Biology of the Cell, 2013, 24, 2966-2980.	0.9	20
12	Graded maternal short gastrulation protein contributes to embryonic dorsalâ€“ventral patterning by delayed induction. Developmental Biology, 2006, 296, 203-218.	0.9	18
13	Position matters: Variability in the spatial pattern of BMP modulators generates functional diversity. Genesis, 2011, 49, 698-718.	0.8	18
14	Biosynthesis and metabolism of sulfated glycosaminoglycans during Drosophila melanogaster development. Glycobiology, 2004, 14, 529-536.	1.3	17
15	Translating genetic, biochemical and structural information to the calpain view of development. Mechanisms of Development, 2018, 154, 240-250.	1.7	14
16	A conserved role for calpains during myoblast fusion. Genesis, 2015, 53, 417-430.	0.8	11
17	Glycogen Synthase Kinase-3 is involved in glycogen metabolism control and embryogenesis of Rhodnius prolixus. Parasitology, 2016, 143, 1569-1579.	0.7	11
18	In Vivo Efficacy of Ellagic Acid against Candida albicans in a Drosophila melanogaster Infection Model. Antimicrobial Agents and Chemotherapy, 2018, 62, .	1.4	11

#	Article	IF	Citations
19	A novel function for Cactus/IÎºB inhibitor to promote Dl nuclear localization and activity in theDrosophilaembryo. Development (Cambridge), 2017, 144, 2907-2913.	1.2	10
20	Î±PS1Î²PS integrin receptors regulate the differential distribution of Sog fragments in polarized epithelia. Genesis, 2010, 48, 31-43.	0.8	9
21	N-linked glycosylation restricts the function of short gastrulation to bind and shuttle BMPs. Development (Cambridge), 2018, 145, .	1.2	9
22	Functional studies of TcRjl, a novel GTPase of Trypanosoma cruzi , reveals phenotypes related with MAPK activation during parasite differentiation and after heterologous expression in Drosophila model system. Biochemical and Biophysical Research Communications, 2015, 467, 115-120.	1.0	7
23	Calpain A controls mitotic synchrony in the Drosophila blastoderm embryo. Mechanisms of Development, 2017, 144, 141-149.	1.7	6
24	Multiple Roles of the Polycistronic Gene Tarsal-less/Mille-Pattes/Polished-Rice During Embryogenesis of the Kissing Bug Rhodnius prolixus. Frontiers in Ecology and Evolution, 2019, 7, .	1.1	5
25	Atypical strategies for cuticle pigmentation in the blood-feeding hemipteran Rhodnius prolixus. Genetics, 2022, 221, .	1.2	5
26	Evolution of the dorsoventral axis in insects: the changing role of Bone Morphogenetic Proteins. Current Opinion in Insect Science, 2022, 49, 1-7.	2.2	3
27	Endogenous phosphorylation of tau proteins in brain slices. NeuroReport, 1994, 5, 2082-2084.	0.6	1
28	Expression and Activity of Calpain A in Drosophila melanogaster. Methods in Molecular Biology, 2019, 1915, 93-101.	0.4	1
29	A reaction-diffusion network model predicts a dual role of Cactus/IÎºB to regulate Dorsal/NFÎºB nuclear translocation in Drosophila. PLoS Computational Biology, 2021, 17, e1009040.	1.5	1
30	Genesis special issue: New models for arthropod research. Genesis, 2017, 55, e23037.	0.8	1
31	Role of 9-O-Acetyl Gangliosides on Neurite Extensiona. Annals of the New York Academy of Sciences, 1998, 845, 418-418.	1.8	0
32	Embryonic Development of the Kissing Bug Rhodnius prolixus. True Bugs (Heteroptera) of the Neotropics, 2021, , 101-121.	1.2	0