

Pablo E Schilman

List of Publications by Year in descending order

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39
papers

887
citations

430442

18
h-index

500791

28
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41
all docs

41
docs citations

41
times ranked

900
citing authors

#	ARTICLE	IF	CITATIONS
1	The Insulin-Regulated CREB Coactivator TORC Promotes Stress Resistance in <i>Drosophila</i> . <i>Cell Metabolism</i> , 2008, 7, 434-444.	7.2	87
2	Oxygen Reperfusion Damage in an Insect. <i>PLoS ONE</i> , 2007, 2, e1267.	1.1	63
3	Daily Rhythms in Disease-Vector Insects. <i>Biological Rhythm Research</i> , 2004, 35, 79-92.	0.4	60
4	Respiratory and cuticular water loss in insects with continuous gas exchange: Comparison across five ant species. <i>Journal of Insect Physiology</i> , 2005, 51, 1295-1305.	0.9	57
5	The hyperoxic switch: assessing respiratory water loss rates in tracheate arthropods with continuous gas exchange. <i>Journal of Experimental Biology</i> , 2004, 207, 4463-4471.	0.8	54
6	Temperature preference in <i>Rhodnius prolixus</i> , effects and possible consequences. <i>Acta Tropica</i> , 2004, 90, 115-122.	0.9	44
7	Water balance in the Argentine ant (<i>Linepithema humile</i>) compared with five common native ant species from southern California. <i>Physiological Entomology</i> , 2007, 32, 1-7.	0.6	43
8	Genetic variation for tolerance to high temperatures in a population of <i>Drosophila melanogaster</i> . <i>Ecology and Evolution</i> , 2018, 8, 10374-10383.	0.8	35
9	Assessment of nectar flow rate and memory for patch quality in the ant <i>Camponotus rufipes</i> . <i>Animal Behaviour</i> , 2003, 66, 687-693.	0.8	33
10	Comparison of disturbance stridulations in five species of triatominae bugs. <i>Acta Tropica</i> , 2001, 79, 171-178.	0.9	30
11	Metabolism and water loss rate of the haematophagous insect, <i>Rhodnius prolixus</i> : effect of starvation and temperature. <i>Journal of Experimental Biology</i> , 2014, 217, 4414-22.	0.8	27
12	Geographical distribution, climatic variability and thermal tolerance of Chagas disease vectors. <i>Ecography</i> , 2015, 38, 851-860.	2.1	25
13	Two different vibratory signals in <i>Rhodnius prolixus</i> (Hemiptera: Reduviidae). <i>Acta Tropica</i> , 2000, 77, 271-278.	0.9	22
14	Effects of temperature on responses to anoxia and oxygen reperfusion in <i>Drosophila melanogaster</i> . <i>Journal of Experimental Biology</i> , 2011, 214, 1271-1275.	0.8	22
15	Dynamics of Thermopreference in the Chagas Disease Vector <i>Panstrongylus megistus</i> (Hemiptera: Reduviidae). <i>Journal of Medical Entomology</i> , 2002, 39, 716-719.	0.9	21
16	Attributes of oviposition substrates affect fecundity in <i>Rhodnius prolixus</i> . <i>Journal of Insect Physiology</i> , 1996, 42, 837-841.	0.9	20
17	Using eco-physiological traits to understand the realized niche: the role of desiccation tolerance in Chagas disease vectors. <i>Oecologia</i> , 2017, 185, 607-618.	0.9	20
18	Impact of alkaloids in food consumption, metabolism and survival in a blood-sucking insect. <i>Scientific Reports</i> , 2020, 10, 9443.	1.6	20

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19	Breathe softly, beetle: Continuous gas exchange, water loss and the role of the subelytral space in the tenebrionid beetle, <i>Eleodes obscura</i> . <i>Journal of Insect Physiology</i> , 2008, 54, 192-203.	0.9	19
20	Foraging energetics of a nectar-feeding ant: metabolic expenditure as a function of food-source profitability. <i>Journal of Experimental Biology</i> , 2006, 209, 4091-4101.	0.8	18
21	Haemolymph sugar levels in a nectar-feeding ant: dependence on metabolic expenditure and carbohydrate deprivation. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2008, 178, 157-165.	0.7	18
22	Linking thermo-tolerances of the highly invasive ant, <i>Wasmannia auropunctata</i> , to its current and potential distribution. <i>Biological Invasions</i> , 2019, 21, 3491-3504.	1.2	17
23	Ecological and physiological thermal niches to understand distribution of <i>Culex</i> mosquitoes disease vectors in Latin America. <i>Medical and Veterinary Entomology</i> , 2018, 32, 1-13.	0.7	16
24	Energetics of locomotion and load carriage in the nectar feeding ant, <i>Camponotus rufipes</i> . <i>Physiological Entomology</i> , 2005, 30, 332-337.	0.6	15
25	Aggregated oviposition in <i>Rhodnius prolixus</i> , sensory cues and physiological consequences. <i>Journal of Insect Physiology</i> , 2017, 98, 74-82.	0.9	12
26	Linking Global Warming, Metabolic Rate of Hematophagous Vectors, and the Transmission of Infectious Diseases. <i>Frontiers in Physiology</i> , 2012, 3, 75.	1.3	11
27	The costs of living in a thermal fluctuating environment for the tropical haematophagous bug, <i>Rhodnius prolixus</i> . <i>Journal of Thermal Biology</i> , 2018, 74, 92-99.	1.1	11
28	Enhanced fertility and chill tolerance after cold-induced reproductive arrest in females of temperate species of the <i>Drosophila buzzatii</i> complex. <i>Journal of Experimental Biology</i> , 2017, 220, 713-721.	0.8	8
29	The Phosphatase CSW Controls Life Span by Insulin Signaling and Metabolism Throughout Adult Life in <i>Drosophila</i> . <i>Frontiers in Genetics</i> , 2020, 11, 364.	1.1	8
30	Push-pull to manage leaf-cutting ants: an effective strategy in forestry plantations. <i>Pest Management Science</i> , 2021, 77, 432-439.	1.7	8
31	The adaptive value of hatching towards the end of the night: lessons from eggs of the haematophagous bug <i>Rhodnius prolixus</i> . <i>Physiological Entomology</i> , 2009, 34, 231-237.	0.6	7
32	Metabolism and gas exchange patterns in <i>Rhodnius prolixus</i> . <i>Journal of Insect Physiology</i> , 2017, 97, 38-44.	0.9	7
33	Thermal Tolerance Plasticity in Chagas Disease Vectors <i>Rhodnius prolixus</i> (Hemiptera: Reduviidae) and <i>Triatoma infestans</i> . <i>Journal of Medical Entomology</i> , 2019, 56, 997-1003.	0.9	7
34	Viscosity as a key factor in decision making of nectar feeding ants. <i>Journal of Insect Physiology</i> , 2021, 128, 104164.	0.9	7
35	Trail-Laying Behaviour as a Function of Resource Quality in the Ant <i>Camponotus rufipes</i> . <i>Psyche: Journal of Entomology</i> , 2011, 2011, 1-5.	0.4	6
36	Machine-learning model led design to experimentally test species thermal limits: The case of kissing bugs (Triatominae). <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0008822.	1.3	4

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37	Aerobic Metabolism Alterations as an Evidence of Underlying Deltamethrin Resistance Mechanisms in <i>Triatoma infestans</i> (Hemiptera: Reduviidae). Journal of Medical Entomology, 2020, 57, 1988-1991.	0.9	2
38	Effects of oxygen reperfusion and metabolic flux rate modulation on responses to anoxia in <i>Drosophila melanogaster</i> . FASEB Journal, 2008, 22, 185-185.	0.2	0
39	The Importance Of Physiology On Insect Geographical Distribution: The Role Of Desiccation Resistance For The Geographical Distribution Of Chagas Disease Vectors. , 2017, , .		0