Pieter A Arnold

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5343234/publications.pdf

Version: 2024-02-01

25 papers	836 citations	687363 13 h-index	580821 25 g-index
28 all docs	28 docs citations	28 times ranked	1201 citing authors

#	Article	IF	Citations
1	Ecological responses to variation in seasonal snow cover. Conservation Biology, 2022, 36, .	4.7	35
2	Ensuring Prevention Science Research is Synthesis-Ready for Immediate and Lasting Scientific Impact. Prevention Science, 2022, 23, 809-820.	2.6	6
3	Phenotypic plasticity and exotic plant invasions: Effects of soil nutrients, species nutrient requirements, and types of traits. Physiologia Plantarum, 2022, 174, e13637.	5.2	7
4	Inherent conflicts between reaction norm slope and plasticity indices when comparing plasticity: a conceptual framework and empirical test. Oecologia, 2022, 198, 593-603.	2.0	5
5	Winters are changing: snow effects on Arctic and alpine tundra ecosystems. Arctic Science, 2022, 8, 572-608.	2.3	43
6	Patterns of phenotypic plasticity along a thermal gradient differ by trait type in an alpine plant. Functional Ecology, 2022, 36, 2412-2428.	3.6	11
7	The thermal tolerance of photosynthetic tissues: a global systematic review and agenda for future research. New Phytologist, 2021, 229, 2497-2513.	7.3	64
8	A high-throughput method for measuring critical thermal limits of leaves by chlorophyll imaging fluorescence. Functional Plant Biology, 2021, 48, 634.	2.1	14
9	Tolerance of Warmer Temperatures Does Not Confer Resilience to Heatwaves in an Alpine Herb. Frontiers in Ecology and Evolution, 2021, 9, .	2.2	11
10	Decoupling the effects of parental and offspring warming on seed and seedling traits. Alpine Botany, 2021, 131, 105-115.	2.4	2
11	Meta-analysis reveals that resting metabolic rate is not consistently related to fitness and performance in animals. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2021, 191, 1097-1110.	1.5	31
12	Effects of sublethal phosphine exposure on respiration rate and dispersal propensity of adult females of Tribolium castaneum. Journal of Pest Science, 2020, 93, 149-157.	3.7	6
13	Developmental nutrition modulates metabolic responses to projected climate change. Functional Ecology, 2020, 34, 2488-2502.	3.6	15
14	A new ecosystem for evidence synthesis. Nature Ecology and Evolution, 2020, 4, 498-501.	7.8	39
15	The origin and maintenance of metabolic allometry in animals. Nature Ecology and Evolution, 2019, 3, 598-603.	7.8	86
16	Sparse evidence for selection on phenotypic plasticity in response to temperature. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20180185.	4.0	88
17	Drosophila melanogaster infected with Wolbachia strain wMelCS prefer cooler temperatures. Ecological Entomology, 2019, 44, 287-290.	2.2	27
18	How to analyse plant phenotypic plasticity in response to a changing climate. New Phytologist, 2019, 222, 1235-1241.	7.3	179

#	Article	IF	Citations
19	Investigating movement in the laboratory: dispersal apparatus designs and the red flour beetle, <scp>T</scp>ribolium castaneum. Entomologia Experimentalis Et Applicata, 2017, 163, 93-100.	1.4	9
20	Functional traits in red flour beetles: the dispersal phenotype is associated with leg length but not body size nor metabolic rate. Functional Ecology, 2017, 31, 653-661.	3.6	20
21	Optimizing Generic Cerambycid Pheromone Lures for Australian Biosecurity and Biodiversity Monitoring. Journal of Economic Entomology, 2016, 109, 1741-1749.	1.8	18
22	Maturity matters for movement and metabolic rate: trait dynamics across the early adult life of red flour beetles. Animal Behaviour, 2016, 111, 181-188.	1.9	13
23	Wolbachia-Mediated Antiviral Protection in Drosophila Larvae and Adults following Oral Infection. Applied and Environmental Microbiology, 2015, 81, 8215-8223.	3.1	23
24	Drosophila melanogaster does not exhibit a behavioural fever response when infected with Drosophila C virus. Journal of General Virology, 2015, 96, 3667-3671.	2.9	7
25	Physiological and metabolic consequences of viral infection in Drosophila melanogaster. Journal of Experimental Biology, 2013, 216, 3350-7.	1.7	76