

Thomas M Houslay

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/283603/publications.pdf>

Version: 2024-02-01

39
papers

1,278
citations

394421

19
h-index

395702

33
g-index

42
all docs

42
docs citations

42
times ranked

1637
citing authors

#	ARTICLE	IF	CITATIONS
1	Avoiding the misuse of BLUP in behavioural ecology. <i>Behavioral Ecology</i> , 2017, 28, 948-952.	2.2	221
2	High-Content Phenotypic Profiling of Drug Response Signatures across Distinct Cancer Cells. <i>Molecular Cancer Therapeutics</i> , 2010, 9, 1913-1926.	4.1	147
3	Mapping binding sites for the PDE4D5 cAMP-specific phosphodiesterase to the N- and C-domains of β 2-arrestin using spot-immobilized peptide arrays. <i>Biochemical Journal</i> , 2007, 404, 71-80.	3.7	88
4	Genetic variance in fitness indicates rapid contemporary adaptive evolution in wild animals. <i>Science</i> , 2022, 376, 1012-1016.	12.6	69
5	Testing the stability of behavioural coping style across stress contexts in the Trinidadian guppy. <i>Functional Ecology</i> , 2018, 32, 424-438.	3.6	60
6	Identification and Characterization of PDE4A11, a Novel, Widely Expressed Long Isoform Encoded by the Human <i>PDE4A</i> cAMP Phosphodiesterase Gene. <i>Molecular Pharmacology</i> , 2005, 67, 1920-1934.	2.3	53
7	¹ H NMR structural and functional characterisation of a cAMP-specific phosphodiesterase-4D5 (PDE4D5) N-terminal region peptide that disrupts PDE4D5 interaction with the signalling scaffold proteins, β 2-arrestin and RACK1. <i>Cellular Signalling</i> , 2007, 19, 2612-2624.	3.6	53
8	Mutations of β 2-arrestin 2 that limit self-association also interfere with interactions with the β 2-adrenoceptor and the ERK1/2 MAPKs: implications for β 2-adrenoceptor signalling via the ERK1/2 MAPKs. <i>Biochemical Journal</i> , 2008, 413, 51-60.	3.7	40
9	Helix-1 of the cAMP-specific phosphodiesterase PDE4A1 regulates its phospholipase-D-dependent redistribution in response to release of Ca ²⁺ . <i>Journal of Cell Science</i> , 2006, 119, 3799-3810.	2.0	37
10	Cooperative interactions within the family enhance the capacity for evolutionary change in body size. <i>Nature Ecology and Evolution</i> , 2017, 1, 0178.	7.8	36
11	Intergroup aggression in meerkats. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191993.	2.6	35
12	Habituation and individual variation in the endocrine stress response in the Trinidadian guppy (<i>Poecilia reticulata</i>). <i>General and Comparative Endocrinology</i> , 2019, 270, 113-122.	1.8	35
13	Host shifts result in parallel genetic changes when viruses evolve in closely related species. <i>PLoS Pathogens</i> , 2018, 14, e1006951.	4.7	34
14	cAMP phosphodiesterase-4A1 (PDE4A1) has provided the paradigm for the intracellular targeting of phosphodiesterases, a process that underpins compartmentalized cAMP signalling. <i>Biochemical Society Transactions</i> , 2006, 34, 504-509.	3.4	33
15	Vertically transmitted rhabdoviruses are found across three insect families and have dynamic interactions with their hosts. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20162381.	2.6	32
16	Context-dependent trait covariances: how plasticity shapes behavioral syndromes. <i>Behavioral Ecology</i> , 2021, 32, 25-29.	2.2	32
17	Age-dependent variation in the terminal investment threshold in male crickets. <i>Evolution; International Journal of Organic Evolution</i> , 2018, 72, 578-589.	2.3	31
18	Benefits of cooperation in captive Damaraland mole-rats. <i>Behavioral Ecology</i> , 2020, 31, 711-718.	2.2	30

#	ARTICLE	IF	CITATIONS
19	Sex differences in the effects of juvenile and adult diet on age-dependent reproductive effort. <i>Journal of Evolutionary Biology</i> , 2015, 28, 1067-1079.	1.7	26
20	Genetic variance for behavioural 'predictability'™ of stress response. <i>Journal of Evolutionary Biology</i> , 2020, 33, 642-652.	1.7	26
21	Evolutionary genetics of personality in the Trinidadian guppy II: sexual dimorphism and genotype-by-sex interactions. <i>Heredity</i> , 2019, 122, 15-28.	2.6	22
22	Mating opportunities and energetic constraints drive variation in age-dependent sexual signalling. <i>Functional Ecology</i> , 2017, 31, 728-741.	3.6	19
23	Conflict, compensation, and plasticity: Sex-specific, individual-level trade-offs in green anole (<i>Anolis</i>) Tj ETQq1 1 0.784314 rg 3T Physiology, 2019, 331, 280-289.	1.9	15
24	High-Content Analysis to Leverage a Robust Phenotypic Profiling Approach to Vascular Modulation. <i>Journal of Biomolecular Screening</i> , 2013, 18, 1246-1259.	2.6	13
25	African forest elephant movements depend on time scale and individual behavior. <i>Scientific Reports</i> , 2021, 11, 12634.	3.3	12
26	Who dares does not always win: risk-averse rockpool prawns are better at controlling a limited food resource. <i>Animal Behaviour</i> , 2018, 140, 187-197.	1.9	11
27	Genetic integration of behavioural and endocrine components of the stress response. <i>ELife</i> , 2022, 11, .	6.0	11
28	Contributions of genetic and nongenetic sources to variation in cooperative behavior in a cooperative mammal. <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 3071-3086.	2.3	10
29	Macronutrient intake and simulated infection threat independently affect life history traits of male decorated crickets. <i>Ecology and Evolution</i> , 2020, 10, 11766-11778.	1.9	8
30	Ontogeny of the morphology-performance axis in an amphibious fish (<i>Kryptolebias marmoratus</i>). <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2017, 327, 620-634.	1.9	7
31	Inbreeding alters context-dependent reproductive effort and immunity in male crickets. <i>Journal of Evolutionary Biology</i> , 2019, 32, 731-741.	1.7	7
32	Development of G: a test in an amphibious fish. <i>Heredity</i> , 2019, 122, 696-708.	2.6	5
33	Temperature-mediated plasticity in incubation schedules is unlikely to evolve to buffer embryos from climatic challenges in a seasonal songbird. <i>Journal of Evolutionary Biology</i> , 2021, 34, 465-476.	1.7	5
34	No evidence of a cleaning mutualism between burying beetles and their phoretic mites. <i>Scientific Reports</i> , 2017, 7, 13838.	3.3	4
35	Choice consequences: Salinity preferences and hatchling survival in the mangrove rivulus fish (<i>Kryptolebias marmoratus</i>). <i>Journal of Experimental Biology</i> , 2020, 223, .	1.7	3
36	Heightened perception of competition hastens courtship. <i>Behavioral Ecology</i> , 2020, 31, 239-246.	2.2	2

#	ARTICLE	IF	CITATIONS
37	Shark habituation to a food-related olfactory cue. <i>Animal Behaviour</i> , 2022, 187, 147-165.	1.9	2
38	Individual differences in spatial learning are correlated across tasks but not with stress response behaviour in guppies. <i>Animal Behaviour</i> , 2022, 188, 133-146.	1.9	2
39	Are older parents less flexible? Testing age-dependent plasticity in <i>Nicrophorus vespilloides</i> burying beetles. <i>Animal Behaviour</i> , 2020, 162, 79-86.	1.9	1