

Peter L Hurd

List of Publications by Year in descending order

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Version: 2024-02-01

82
papers

3,204
citations

172457

29
h-index

161849

54
g-index

82
all docs

82
docs citations

82
times ranked

3228
citing authors

#	ARTICLE	IF	CITATIONS
1	Finger length ratio (2D:4D) correlates with physical aggression in men but not in women. <i>Biological Psychology</i> , 2005, 68, 215-222.	2.2	308
2	The Evolution of Cerebrotypes in Birds. <i>Brain, Behavior and Evolution</i> , 2005, 65, 215-230.	1.7	181
3	An evolutionary framework for studying mechanisms of social behavior. <i>Trends in Ecology and Evolution</i> , 2014, 29, 581-589.	8.7	157
4	Exploration of a novel space is associated with individual differences in learning speed in black-capped chickadees, <i>Poecile atricapillus</i> . <i>Behavioural Processes</i> , 2009, 82, 265-270.	1.1	141
5	Growing in Circles. <i>Psychological Science</i> , 2007, 18, 569-573.	3.3	124
6	Changing philosophies and tools for statistical inferences in behavioral ecology. <i>Behavioral Ecology</i> , 2009, 20, 1363-1375.	2.2	115
7	A strategic taxonomy of biological communication. <i>Animal Behaviour</i> , 2005, 70, 1155-1170.	1.9	108
8	Resource holding potential, subjective resource value, and game theoretical models of aggressiveness signalling. <i>Journal of Theoretical Biology</i> , 2006, 241, 639-648.	1.7	104
9	Communication in discrete action-response games. <i>Journal of Theoretical Biology</i> , 1995, 174, 217-222.	1.7	99
10	A Dissociation of Motion and Spatial-Pattern Vision in the Avian Telencephalon: Implications for the Evolution of "Visual Streams". <i>Journal of Neuroscience</i> , 2004, 24, 4962-4970.	3.6	89
11	Depression in men is associated with more feminine finger length ratios. <i>Personality and Individual Differences</i> , 2005, 39, 829-836.	2.9	88
12	Is Signalling of Fighting Ability Costlier for Weaker Individuals?. <i>Journal of Theoretical Biology</i> , 1997, 184, 83-88.	1.7	78
13	How Are Autism and Schizotypy Related? Evidence from a Non-Clinical Population. <i>PLoS ONE</i> , 2013, 8, e63316.	2.5	78
14	Cooperative signalling between opponents in fish fights. <i>Animal Behaviour</i> , 1997, 54, 1309-1315.	1.9	75
15	Generalization in Response to Mate Recognition Signals. <i>American Naturalist</i> , 2003, 161, 380-394.	2.1	75
16	Aggression, Digit Ratio and Variation in Androgen Receptor and Monoamine Oxidase A Genes in Men. <i>Behavior Genetics</i> , 2011, 41, 543-556.	2.1	75
17	Aggression, sex and individual differences in cerebral lateralization in a cichlid fish. <i>Biology Letters</i> , 2008, 4, 338-340.	2.3	71
18	Individual differences in cerebral lateralization are associated with shy"bold variation in the convict cichlid. <i>Animal Behaviour</i> , 2009, 77, 189-193.	1.9	68

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19	Comparative Morphology of the Avian Cerebellum: I. Degree of Foliation. <i>Brain, Behavior and Evolution</i> , 2006, 68, 45-62.	1.7	58
20	Imagination in human social cognition, autism, and psychotic-affective conditions. <i>Cognition</i> , 2016, 150, 181-199.	2.2	58
21	Threat display in birds. <i>Canadian Journal of Zoology</i> , 2001, 79, 931-942.	1.0	55
22	Comparative Morphology of the Avian Cerebellum: II. Size of Folia. <i>Brain, Behavior and Evolution</i> , 2007, 69, 196-219.	1.7	53
23	Genes underlying altruism. <i>Biology Letters</i> , 2013, 9, 20130395.	2.3	47
24	The imprinted gene LRRTM1 mediates schizotypy and handedness in a nonclinical population. <i>Journal of Human Genetics</i> , 2014, 59, 332-336.	2.3	42
25	Intrauterine Position Effects on Anogenital Distance and Digit Ratio in Male and Female Mice. <i>Archives of Sexual Behavior</i> , 2008, 37, 9-18.	1.9	40
26	Cognitive-behavioral phenotypes of Williams syndrome are associated with genetic variation in the GTF2I gene, in a healthy population. <i>BMC Neuroscience</i> , 2014, 15, 127.	1.9	37
27	Sex differences in the cerebral lateralization of a cichlid fish when detouring to view emotionally conditioned stimuli. <i>Behavioural Processes</i> , 2009, 82, 25-29.	1.1	33
28	Variation in asymmetry of the habenular nucleus correlates with behavioural asymmetry in a cichlid fish. <i>Behavioural Brain Research</i> , 2011, 221, 189-196.	2.2	33
29	The Comparative Morphology of the Cerebellum in Caprimulgiform Birds: Evolutionary and Functional Implications. <i>Brain, Behavior and Evolution</i> , 2006, 67, 53-68.	1.7	32
30	The relationship between growth, brain asymmetry and behavioural lateralization in a cichlid fish. <i>Behavioural Brain Research</i> , 2009, 201, 223-228.	2.2	31
31	Digit ratio (2D:4D) and behavioral differences between inbred mouse strains. <i>Genes, Brain and Behavior</i> , 2005, 4, 318-323.	2.2	30
32	Genetic algorithms and non-ESS solutions to game theory models. <i>Animal Behaviour</i> , 2007, 74, 1005-1018.	1.9	30
33	Discrete conventional signalling of a continuous variable. <i>Animal Behaviour</i> , 1998, 56, 749-754.	1.9	28
34	Water pH during early development influences sex ratio and male morph in a West African cichlid fish, <i>Pelvicachromis pulcher</i> . <i>Zoology</i> , 2013, 116, 139-143.	1.2	28
35	Sex, boldness and stress experience affect convict cichlid, <i>Amatitlania nigrofasciata</i> , open field behaviour. <i>Animal Behaviour</i> , 2015, 107, 105-114.	1.9	28
36	Conventional Signalling in Aggressive Interactions: the Importance of Temporal Structure. <i>Journal of Theoretical Biology</i> , 1998, 192, 197-211.	1.7	27

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37	Simple models of feeding with time and energy constraints. <i>Behavioral Ecology</i> , 1998, 9, 49-53.	2.2	26
38	Parental consumption of nestling feces: good food or sound economics?. <i>Behavioral Ecology</i> , 1991, 2, 69-76.	2.2	25
39	Estrogen receptor 1 promoter polymorphism and digit ratio in men. <i>American Journal of Human Biology</i> , 2012, 24, 682-689.	1.6	23
40	Submerged plus maze: A novel test for studying anxiety-like behaviour in fish. <i>Behavioural Brain Research</i> , 2019, 362, 332-337.	2.2	21
41	The PCSK6 gene is associated with handedness, the autism spectrum, and magical ideation in a non-clinical population. <i>Neuropsychologia</i> , 2016, 84, 205-212.	1.6	20
42	Conventional displays: Evidence for socially mediated costs of threat displays in a lizard. <i>Aggressive Behavior</i> , 2004, 30, 326-341.	2.4	19
43	Inferior olivary neurons innervate multiple zones of the flocculus in pigeons (<i>Columba livia</i>). <i>Journal of Comparative Neurology</i> , 2005, 486, 159-168.	1.6	18
44	A genetic locus for paranoia. <i>Biology Letters</i> , 2018, 14, 20170694.	2.3	18
45	Digit Ratio (2D/4D) Differences between 20 Strains of Inbred Mice. <i>PLoS ONE</i> , 2009, 4, e5801.	2.5	17
46	Latitude, Digit Ratios, and Allen's and Bergmann's Rules: A Comment on Loehlin, McFadden, Medland, and Martin (2006). <i>Archives of Sexual Behavior</i> , 2007, 36, 139-141.	1.9	16
47	Differences in aggressive behavior between convict cichlid color morphs: amelanistic convicts lose even with a size advantage. <i>Acta Ethologica</i> , 2009, 12, 49-53.	0.9	16
48	Acting unilaterally: Why do animals with strongly lateralized brains behave differently than those with weakly lateralized brains?. <i>Bioscience Hypotheses</i> , 2009, 2, 383-387.	0.2	13
49	Selective Breeding for a Behavioral Trait Changes Digit Ratio. <i>PLoS ONE</i> , 2008, 3, e3216.	2.5	12
50	Sex differences in the relationship between aggressiveness and the strength of handedness in humans. <i>Laterality</i> , 2011, 16, 385-400.	1.0	12
51	Social status, breeding state, and GnRH soma size in convict cichlids (<i>Cryptoheros nigrofasciatus</i>). <i>Behavioural Brain Research</i> , 2013, 237, 318-324.	2.2	12
52	Isotocin neuronal phenotypes differ among social systems in cichlid fishes. <i>Royal Society Open Science</i> , 2017, 4, 170350.	2.4	12
53	Segregating polymorphisms of FOXP2 are associated with measures of inner speech, speech fluency and strength of handedness in a healthy population. <i>Brain and Language</i> , 2017, 173, 33-40.	1.6	11
54	Spirituality, dimensional autism, and schizotypal traits: The search for meaning. <i>PLoS ONE</i> , 2019, 14, e0213456.	2.5	11

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55	Spatiotemporal Tuning of Optic Flow Inputs to the Vestibulocerebellum in Pigeons: Differences Between Mossy and Climbing Fiber Pathways. <i>Journal of Neurophysiology</i> , 2005, 93, 1266-1277.	1.8	10
56	When will evolution lead to deceptive signaling in the Sir Philip Sidney game?. <i>Theoretical Population Biology</i> , 2009, 75, 176-182.	1.1	10
57	Sex Differences in the Use of Indirect Aggression in Adult Canadians. <i>Evolutionary Psychology</i> , 2009, 7, 147470490900700.	0.9	10
58	Lateralized behaviour of a non-social cichlid fish (<i>Amatitlania nigrofasciata</i>) in a social and a non-social environment. <i>Behavioural Processes</i> , 2011, 88, 27-32.	1.1	10
59	Schizotypy, cognitive performance, and genetic risk for schizophrenia in a non-clinical population. <i>Personality and Individual Differences</i> , 2013, 55, 334-338.	2.9	9
60	Twelve-Day Reinforcement-Based Memory Retention in African Cichlids (<i>Labidochromis caeruleus</i>). <i>Frontiers in Behavioral Neuroscience</i> , 2016, 10, 157.	2.0	9
61	Epigenetic Regulation and Environmental Sex Determination in Cichlid Fishes. <i>Sexual Development</i> , 2021, 15, 93-107.	2.0	9
62	Practice makes proficient: pigeons (<i>Columba livia</i>) learn efficient routes on full-circuit navigational traveling salesperson problems. <i>Animal Cognition</i> , 2015, 18, 53-64.	1.8	8
63	Inferior olivary projection to the zebrin II stripes in lobule IXcd of the pigeon flocculus: A retrograde tracing study. <i>Journal of Comparative Neurology</i> , 2017, 525, 3158-3173.	1.6	8
64	The SETDB2 locus: evidence for a genetic link between handedness and atopic disease. <i>Heredity</i> , 2018, 120, 77-82.	2.6	8
65	Modulation of complex spike activity differs between zebrin-positive and -negative Purkinje cells in the pigeon cerebellum. <i>Journal of Neurophysiology</i> , 2018, 120, 250-262.	1.8	8
66	Juvenile stress disrupts the development of an exploration-“boldness behavioural syndrome in convict cichlid fish. <i>Animal Behaviour</i> , 2020, 161, 95-102.	1.9	8
67	Does cheating pay? Re-examining the evolution of deception in a conventional signalling game. <i>Animal Behaviour</i> , 2013, 86, 1215-1224.	1.9	7
68	Association testing of vasopressin receptor 1a microsatellite polymorphisms in non-clinical autism spectrum phenotypes. <i>Autism Research</i> , 2017, 10, 750-756.	3.8	7
69	Epigenetic regulation of gonadal and brain aromatase expression in a cichlid fish with environmental sex determination. <i>General and Comparative Endocrinology</i> , 2020, 296, 113538.	1.8	7
70	Calculating the ESS level of information transfer in aggressive communication. <i>Evolutionary Ecology</i> , 1996, 10, 221-232.	1.2	6
71	Social status and GnRH soma size in female convict cichlids (<i>Amatitlania nigrofasciatus</i>). <i>Behavioural Brain Research</i> , 2014, 272, 205-208.	2.2	6
72	Are there consistent behavioral differences between sexes and male color morphs in <i>Pelvicachromis pulcher</i> ?. <i>Zoology</i> , 2017, 122, 115-125.	1.2	5

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73	AMBRA1, Autophagy, and the Extreme Male Brain Theory of Autism. <i>Autism Research & Treatment</i> , 2019, 2019, 1-6.	0.5	5
74	Cognitive Empathy as Imagination: Evidence From Reading the Mind in the Eyes in Autism and Schizotypy. <i>Frontiers in Psychiatry</i> , 2021, 12, 665721.	2.6	5
75	Inbreeding is associated with lower 2D: 4D digit ratio. <i>American Journal of Human Biology</i> , 2014, 26, 183-188.	1.6	4
76	Genetically based correlates of serum oxytocin and testosterone in autism and schizotypy. <i>Personality and Individual Differences</i> , 2015, 79, 39-43.	2.9	4
77	Topographic Organization of Inferior Olive Projections to the Zebrin II Stripes in the Pigeon Cerebellar Uvula. <i>Frontiers in Neuroanatomy</i> , 2018, 12, 18.	1.7	4
78	Damage-induced alarm cues influence lateralized behaviour but not the relationship between behavioural and habenular asymmetry in convict cichlids (<i>Amatitlania nigrofasciata</i>). <i>Animal Cognition</i> , 2017, 20, 537-551.	1.8	3
79	Fraternal Birth Order Effects on Personality: Will Reasonable Claims Require Extraordinary Evidence?. <i>Archives of Sexual Behavior</i> , 2018, 47, 21-25.	1.9	3
80	The submerged plus maze as an assay for studying anxiety-like behaviour in fish. <i>MethodsX</i> , 2019, 6, 1832-1837.	1.6	3
81	Segregating polymorphism in the NMDA receptor gene GRIN2A, schizotypy, and mental rotation among healthy individuals. <i>Neuropsychologia</i> , 2018, 117, 347-351.	1.6	2
82	SHANK3 Genotype Mediates Speech and Language Phenotypes in a Nonclinical Population. <i>Autism Research & Treatment</i> , 2021, 2021, 1-7.	0.5	0