

David F Sherry

List of Publications by Year in descending order

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95
papers

6,922
citations

94433

37
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60623

81
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97
all docs

97
docs citations

97
times ranked

2699
citing authors

#	ARTICLE	IF	CITATIONS
1	The evolution of multiple memory systems.. <i>Psychological Review</i> , 1987, 94, 439-454.	3.8	709
2	Hippocampal specialization of food-storing birds.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1989, 86, 1388-1392.	7.1	578
3	Spatial memory and adaptive specialization of the hippocampus. <i>Trends in Neurosciences</i> , 1992, 15, 298-303.	8.6	384
4	The Hippocampal Complex of Food-Storing Birds. <i>Brain, Behavior and Evolution</i> , 1989, 34, 308-317.	1.7	372
5	Animal anorexias. <i>Science</i> , 1980, 207, 837-842.	12.6	367
6	Evolution of spatial cognition: sex-specific patterns of spatial behavior predict hippocampal size.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1990, 87, 6349-6352.	7.1	326
7	Hippocampus and memory for food caches in black-capped chickadees.. <i>Behavioral Neuroscience</i> , 1989, 103, 308-318.	1.2	311
8	Cultural transmission without imitation: Milk bottle opening by birds. <i>Animal Behaviour</i> , 1984, 32, 937-938.	1.9	238
9	Mother's milk: A medium for transmission of cues reflecting the flavor of mother's diet.. <i>Journal of Comparative and Physiological Psychology</i> , 1973, 83, 374-378.	1.8	231
10	Weight loss and anorexia during incubation in birds.. <i>Journal of Comparative and Physiological Psychology</i> , 1980, 94, 89-98.	1.8	188
11	Females have a larger hippocampus than males in the brood-parasitic brown-headed cowbird.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1993, 90, 7839-7843.	7.1	180
12	Memory for the location of stored food in marsh tits. <i>Animal Behaviour</i> , 1981, 29, 1260-1266.	1.9	169
13	Food storing by marsh tits. <i>Animal Behaviour</i> , 1981, 29, 1252-1259.	1.9	162
14	Neuroecology. <i>Annual Review of Psychology</i> , 2006, 57, 167-197.	17.7	162
15	Food Storage by Birds and Mammals. <i>Advances in the Study of Behavior</i> , 1985, 15, 153-188.	1.6	143
16	Food storage by black-capped chickadees: Memory for the location and contents of caches. <i>Animal Behaviour</i> , 1984, 32, 451-464.	1.9	139
17	Hippocampal Volume and Food-Storing Behavior Are Related in Parids. <i>Brain, Behavior and Evolution</i> , 1995, 45, 54-61.	1.7	122
18	Long-term memory for cache sites in the black-capped chickadee. <i>Animal Behaviour</i> , 1990, 40, 701-712.	1.9	114

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19	What food-storing birds remember.. Canadian Journal of Psychology, 1984, 38, 304-321.	0.8	113
20	Interval Timing by an Invertebrate, the Bumble Bee <i>Bombus impatiens</i> . Current Biology, 2006, 16, 1636-1640.	3.9	100
21	Seasonal hippocampal plasticity in food-storing birds. Philosophical Transactions of the Royal Society B: Biological Sciences, 2010, 365, 933-943.	4.0	88
22	Social learning without imitation: More about milk bottle opening by birds. Animal Behaviour, 1990, 40, 987-989.	1.9	75
23	Female cowbirds have more accurate spatial memory than males. Biology Letters, 2014, 10, 20140026.	2.3	75
24	Memory for what, where, and when in the black-capped chickadee (<i>Poecile atricapillus</i>). Animal Cognition, 2009, 12, 767-777.	1.8	74
25	The Spacing of Stored Food by Marsh Tits. Zeitschrift Für Tierpsychologie, 2010, 58, 153-162.	0.2	73
26	Landmark-based spatial memory in birds (<i>Parus atricapillus</i> and <i>Columba livia</i>): The use of edges and distances to represent spatial positions.. Journal of Comparative Psychology (Washington, D C: 1983), 1992, 106, 331-341.	0.5	71
27	Food storage, memory, and marsh tits. Animal Behaviour, 1982, 30, 631-633.	1.9	69
28	Evolution and the hormonal control of sexually-dimorphic spatial abilities in humans. Trends in Cognitive Sciences, 1997, 1, 50-56.	7.8	69
29	The effects of cache loss on choice of cache sites in black-capped chickadees. Behavioral Ecology, 1994, 5, 44-50.	2.2	64
30	Neuron Production, Neuron Number, and Structure Size Are Seasonally Stable in the Hippocampus of the Food-Storing Black-Capped Chickadee (<i>Poecile atricapillus</i>).. Behavioral Neuroscience, 2004, 118, 345-355.	1.2	63
31	Parental food-calling and the role of the young in the Burmese red junglefowl (<i>Gallus gallus</i>) Tj ETQq1 1 0.784314 r gBT /Overlock 10 T P.9 58		
32	Seasonal change in the avian hippocampus. Frontiers in Neuroendocrinology, 2015, 37, 158-167.	5.2	56
33	The hippocampus and spatial memory. Trends in Neurosciences, 1993, 16, 56-57.	8.6	54
34	Greater hippocampal neuronal recruitment in food-storing than in non-food-storing birds. Developmental Neurobiology, 2007, 67, 406-414.	3.0	53
35	Spatial cues for cache retrieval by black-capped chickadees. Animal Behaviour, 1994, 48, 343-351.	1.9	51
36	Photoperiodic regulation of food storing and hippocampus volume in black-capped chickadees, <i>Poecile atricapillus</i> . Animal Behaviour, 2003, 65, 805-812.	1.9	49

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37	Annual Cycle of the Black-Capped Chickadee: Seasonality of Food-Storing and the Hippocampus. <i>Brain, Behavior and Evolution</i> , 2007, 69, 161-168.	1.7	45
38	Serial reversal learning in bumblebees (<i>Bombus impatiens</i>). <i>Animal Cognition</i> , 2014, 17, 723-734.	1.8	42
39	Sex and seasonal differences in hippocampal volume and neurogenesis in brood-parasitic brown-headed cowbirds (<i>Molothrus ater</i>). <i>Developmental Neurobiology</i> , 2016, 76, 1275-1290.	3.0	40
40	Parental Care and the Development of Thermoregulation in Red Junglefowl. <i>Behaviour</i> , 1981, 76, 250-279.	0.8	36
41	Annual cycle of the black-capped chickadee: Seasonality of singing rates and vocal-control brain regions. <i>Journal of Neurobiology</i> , 2006, 66, 1002-1010.	3.6	29
42	Are There Place Cells in the Avian Hippocampus?. <i>Brain, Behavior and Evolution</i> , 2017, 90, 73-80.	1.7	29
43	Cache Pilfering and Its Prevention in Pairs of Black-Capped Chickadees. <i>Journal of Avian Biology</i> , 1995, 26, 187.	1.2	28
44	Sex Differences in Spatial Memory in Brown-Headed Cowbirds: Males Outperform Females on a Touchscreen Task. <i>PLoS ONE</i> , 2015, 10, e0128302.	2.5	27
45	The seasonal hippocampus of food-storing birds. <i>Behavioural Processes</i> , 2009, 80, 334-338.	1.1	26
46	Cache Site Memory in Birds. , 1987, , 645-666.		26
47	Black-capped chickadees (<i>Poecile atricapillus</i>) anticipate future outcomes of foraging choices.. <i>Journal of Experimental Psychology</i> , 2011, 37, 30-40.	1.7	25
48	Floral reward production is timed by an insect pollinator. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 1831-1837.	2.6	24
49	Contrasting styles in cognition and behaviour in bumblebees and honeybees. <i>Behavioural Processes</i> , 2015, 117, 59-69.	1.1	23
50	Site-specific regulation of adult neurogenesis by dietary fatty acid content, vitamin E and flight exercise in European starlings. <i>European Journal of Neuroscience</i> , 2014, 39, 875-882.	2.6	22
51	It's not all about temperature: breeding success also affects nest design. <i>Behavioral Ecology</i> , 2020, 31, 1065-1072.	2.2	21
52	Microglia and neurons in the hippocampus of migratory sandpipers. <i>Brazilian Journal of Medical and Biological Research</i> , 2016, 49, e5005.	1.5	20
53	Hippocampal Astrocytes in Migrating and Wintering Semipalmated Sandpiper <i>Calidris pusilla</i> . <i>Frontiers in Neuroanatomy</i> , 2017, 11, 126.	1.7	20
54	Imidacloprid slows the development of preference for rewarding food sources in bumblebees (<i>Bombus impatiens</i>). <i>Ecotoxicology</i> , 2018, 27, 175-187.	2.4	18

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55	A system for the automated recording of feeding behavior and body weight. <i>Physiology and Behavior</i> , 2000, 71, 147-151.	2.1	17
56	Do ideas about function help in the study of causation?. <i>Animal Biology</i> , 2005, 55, 441-456.	1.0	17
57	Hippocampal neurogenesis and volume in migrating and wintering semipalmated sandpipers (<i>Calidris</i>). <i>Journal of Neurobiology</i> , 2007, 71, 1784-1794.	2.5	17
58	No sex difference occurs in hippocampus, food-storing, or memory for food caches in black-capped chickadees. <i>Behavioural Brain Research</i> , 1996, 79, 15-22.	2.2	16
59	Sex and Intrauterine Position Influence the Size of the Gerbil Hippocampus. <i>Physiology and Behavior</i> , 1996, 60, 1491-1494.	2.1	16
60	Sun compass and landmark orientation by black-capped chickadees (<i>Parus atricapillus</i>). <i>Journal of Experimental Psychology</i> , 1998, 24, 243-253.	1.7	15
61	Mechanisms of what-where-when memory in black-capped chickadees (<i>Poecile atricapillus</i>): Do chickadees remember "when"? <i>Journal of Comparative Psychology (Washington, D C: 1983)</i> , 2011, 125, 308-316.	0.5	15
62	Inhibition of cell proliferation in black-capped chickadees suggests a role for neurogenesis in spatial learning. <i>Developmental Neurobiology</i> , 2014, 74, 1002-1010.	3.0	15
63	Cross-Species Comparisons. <i>Novartis Foundation Symposium</i> , 1997, 208, 181-194.	1.1	15
64	Cognition and the brain of brood parasitic cowbirds. <i>Integrative Zoology</i> , 2019, 14, 145-157.	2.6	13
65	Neurobiology of spatial behavior. <i>Journal of Neurobiology</i> , 2007, 71, 9-24.		12
66	The Hippocampus of Food-Storing Birds. <i>Brain, Behavior and Evolution</i> , 2011, 78, 133-135.	1.7	9
67	Imidacloprid impairs performance on a model flower handling task in bumblebees (<i>Bombus impatiens</i>). <i>Ecotoxicology</i> , 2020, 29, 359-374.	2.4	9
68	Social Learning: Nectar Robbing Spreads Socially in Bumble Bees. <i>Current Biology</i> , 2008, 18, R608-R610.	3.9	8
69	Consolidation and reconsolidation of memory in black-capped chickadees (<i>Poecile atricapillus</i>). <i>Behavioral Neuroscience</i> , 2012, 126, 809-818.	1.2	8
70	Sex and seasonal differences in neurogenesis and volume of the song control system are associated with song in brood parasitic and non-brood parasitic icterid songbirds. <i>Developmental Neurobiology</i> , 2016, 76, 1226-1240.	3.0	8
71	Differential Change in Hippocampal Radial Astrocytes and Neurogenesis in Shorebirds With Contrasting Migratory Routes. <i>Frontiers in Neuroanatomy</i> , 2019, 13, 82.	1.7	7
72	Black-capped chickadees (<i>Poecile atricapillus</i>) use temperature as a cue for reproductive timing. <i>General and Comparative Endocrinology</i> , 2020, 287, 113348.	1.8	7

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73	Hippocampus and Spatial Memory in Brood Parasitic Cowbirds. <i>Fascinating Life Sciences</i> , 2017, , 203-218.	0.9	6
74	Context-Dependent Egr1 Expression in the Avian Hippocampus. <i>PLoS ONE</i> , 2016, 11, e0164333.	2.5	6
75	Foraging for stored food. <i>Behavioural Processes</i> , 1984, 9, 301.	1.1	4
76	Chickadees neither win-shift nor win-stay when foraging. <i>Animal Behaviour</i> , 2017, 133, 73-82.	1.9	4
77	Canada jays, <i>Perisoreus canadensis</i> , use multiple context-dependent cache protection strategies. <i>Animal Behaviour</i> , 2021, 180, 329-335.	1.9	4
78	Food Hoarding in Animals. Stephen B. Vander Wall. University of Chicago Press, Chicago, 1990. xii, 445 pp., illus. \$76; paper, \$29.95. <i>Science</i> , 1990, 250, 1602-1603.	12.6	3
79	Food Storing and Memory. , 2017, , 52-74.		3
80	Decreased Neurogenesis Increases Spatial Reversal Errors in Chickadees (<i>Poecile atricapillus</i>). <i>Developmental Neurobiology</i> , 2018, 78, 1206-1217.	3.0	3
81	Overwinter temperature has no effect on problem solving abilities or responses to novelty in Black-capped Chickadees (<i>Poecile atricapillus</i>). <i>Behavioural Processes</i> , 2019, 162, 72-78.	1.1	3
82	No evidence for future planning in Canada jays (<i>Perisoreus canadensis</i>). <i>Biology Letters</i> , 2021, 17, 20210504.	2.3	3
83	Cães domésticos predadores de ninho de batuãra bicuda (<i>Charadrius wilsonia</i>) no nordeste brasileiro. <i>Revista Da Biologia</i> , 2016, 16, 24-27.	0.2	2
84	Do ideas about function help in the study of causation?. , 2009, , 147-162.		1
85	Spatial Memory in Food-Storing Birds. , 1987, , 305-321.		1
86	Interaction of memory systems is controlled by context in both food-storing and non-storing birds. <i>Learning and Behavior</i> , 2022, 50, 140-152.	1.0	1
87	Natural selection and intelligence. <i>Behavioral and Brain Sciences</i> , 1987, 10, 678.	0.7	0
88	Dynamic programming: From eternity to here. <i>Behavioral and Brain Sciences</i> , 1988, 11, 147-148.	0.7	0
89	Dynamic models, fitness functions and food storing. <i>Behavioral and Brain Sciences</i> , 1991, 14, 99-99.	0.7	0
90	Cognitive development in animals. , 1994, , 289-299.		0

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91	Memories are made of this. <i>Journal of Historical Geography</i> , 1996, 22, 214-220.	0.7	0
92	Cuckoos, Cowbirds and Other Cheats. <i>Ethology</i> , 2001, 107, 87-88.	1.1	0
93	Canada jays (<i>Perisoreus canadensis</i>) balance protein and energy targets simultaneously in both consumed and cached food. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2022, 266, 111142.	1.8	0
94	Canada jays (<i>Perisoreus canadensis</i>) identify and exploit coniferous cache locations using visual cues. <i>Ethology</i> , 0, , .	1.1	0
95	Optimal Animals. <i>PsycCritiques</i> , 1989, 34, 131-133.	0.0	0