

Shigeru Watanabe

List of Publications by Year in descending order

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Version: 2024-02-01

100
papers

1,920
citations

218677

26
h-index

315739

38
g-index

101
all docs

101
docs citations

101
times ranked

1417
citing authors

#	ARTICLE	IF	CITATIONS
1	PIGEONS' DISCRIMINATION OF PAINTINGS BY MONET AND PICASSO. <i>Journal of the Experimental Analysis of Behavior</i> , 1995, 63, 165-174.	1.1	142
2	An experimental analysis of "empathic" response: Effects of pain reactions of pigeon upon other pigeon's operant behavior.. <i>Behavioural Processes</i> , 1986, 13, 269-277.	1.1	82
3	Reinforcing effects of methamphetamine in planarians. <i>NeuroReport</i> , 2000, 11, 2511-2513.	1.2	60
4	Effects of hippocampal lesions on acquisition and retention of spatial learning in zebra finches. <i>Behavioural Brain Research</i> , 2004, 155, 147-152.	2.2	55
5	Hippocampal activation of immediate early genes Zenk and c-Fos in zebra finches (<i>Taeniopygia guttata</i>) during learning and recall of a spatial memory task. <i>Neurobiology of Learning and Memory</i> , 2010, 93, 322-329.	1.9	53
6	Van Gogh, Chagall and pigeons: picture discrimination in pigeons and humans. <i>Animal Cognition</i> , 2001, 4, 147-151.	1.8	48
7	Effects of ectostriatal lesions on natural concept, pseudoconcept, and artificial pattern discrimination in pigeons. <i>Visual Neuroscience</i> , 1991, 6, 497-506.	1.0	47
8	Animal logics: Decisions in the absence of human language. <i>Animal Cognition</i> , 2006, 9, 235-245.	1.8	46
9	Chronic food restriction enhances memory in mice ??? analysis with matched drive levels. <i>NeuroReport</i> , 2005, 16, 1129-1133.	1.2	44
10	Object-picture equivalence in the pigeon: An analysis with natural concept and pseudoconcept discriminations. <i>Behavioural Processes</i> , 1993, 30, 225-231.	1.1	43
11	Spatial memory and the avian hippocampus: Research in zebra finches. <i>Journal of Physiology (Paris)</i> , 2013, 107, 2-12.	2.1	43
12	Visual Wulst analyses "where" and entopallium analyses "what" in the zebra finch visual system. <i>Behavioural Brain Research</i> , 2011, 222, 51-56.	2.2	42
13	Deficits in acquisition of spatial learning after dorsomedial telencephalon lesions in goldfish. <i>Behavioural Brain Research</i> , 2006, 172, 187-194.	2.2	41
14	Pattern discrimination is affected by entopallial but not by hippocampal lesions in zebra finches. <i>Behavioural Brain Research</i> , 2008, 190, 201-205.	2.2	35
15	Pigeons can discriminate "good" and "bad" paintings by children. <i>Animal Cognition</i> , 2010, 13, 75-85.	1.8	35
16	Effect of lesions in the ectostriatum and Wulst on species and individual discrimination in pigeons. <i>Behavioural Brain Research</i> , 1992, 49, 197-203.	2.2	34
17	Discrimination of painting style and quality: pigeons use different strategies for different tasks. <i>Animal Cognition</i> , 2011, 14, 797-808.	1.8	34
18	Failure to discriminate conspecifics in amygdaloid-lesioned mice. <i>Pharmacology Biochemistry and Behavior</i> , 1994, 48, 677-680.	2.9	32

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19	Discrimination of cartoons and photographs in pigeons: effects of scrambling of elements. <i>Behavioural Processes</i> , 2001, 53, 3-9.	1.1	32
20	Empathy and Reversed Empathy of Stress in Mice. <i>PLoS ONE</i> , 2011, 6, e23357.	2.5	32
21	Dissociable roles of the medial prefrontal cortex, the anterior cingulate cortex, and the hippocampus in behavioural flexibility revealed by serial reversal of three-choice discrimination in rats. <i>Behavioural Brain Research</i> , 2012, 227, 81-90.	2.2	31
22	Effects of ectostriatal lesions on discriminations of conspecific, species and familiar objects in pigeons. <i>Behavioural Brain Research</i> , 1996, 81, 183-188.	2.2	30
23	Self-recognition in pigeons revisited. <i>Journal of the Experimental Analysis of Behavior</i> , 2014, 102, 327-334.	1.1	29
24	Visual discrimination of real objects and pictures in pigeons. <i>Learning and Behavior</i> , 1997, 25, 185-192.	3.4	28
25	Effects of hippocampal lesions on repeated acquisition of spatial discrimination in pigeons. <i>Behavioural Brain Research</i> , 2001, 120, 59-66.	2.2	28
26	Drug-social interactions in the reinforcing property of methamphetamine in mice. <i>Behavioural Pharmacology</i> , 2011, 22, 203-206.	1.7	28
27	Effects of Wulst and ectostriatum lesions on repeated acquisition of spatial discrimination in pigeons. <i>Cognitive Brain Research</i> , 2003, 17, 286-292.	3.0	26
28	Observational visuospatial encoding of the cache locations of others by western scrub-jays (<i>Aphelocoma californica</i>). <i>Journal of Ethology</i> , 2007, 25, 271-279.	0.8	26
29	Preference for and Discrimination of Paintings by Mice. <i>PLoS ONE</i> , 2013, 8, e65335.	2.5	26
30	Towards a "virtual pigeon": A new technique for investigating avian social perception. <i>Animal Cognition</i> , 2006, 9, 271-279.	1.8	25
31	Spatial Memory and Hippocampal Function in a NonFoodstoring Songbird, the Zebra Finch (<i>Taeniopygia</i>)	1.0	25
32	Social factors modulate restraint stress induced hyperthermia in mice. <i>Brain Research</i> , 2015, 1624, 134-139.	2.2	24
33	Cyclosporine A-Induced Hyperactivity in Rats: Is it Mediated by Immunosuppression, Neurotrophism, or Both?. <i>Cell Transplantation</i> , 1999, 8, 153-159.	2.5	23
34	How animal psychology contributes to animal welfare. <i>Applied Animal Behaviour Science</i> , 2007, 106, 193-202.	1.9	23
35	Striatonigral direct pathway activation is sufficient to induce repetitive behaviors. <i>Neuroscience Research</i> , 2018, 132, 53-57.	1.9	23
36	Spatial learning deficits after the development of dorsomedial telencephalon lesions in goldfish. <i>NeuroReport</i> , 2004, 15, 2695-9.	1.2	23

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37	Left-side dominance for song discrimination in Bengalese finches (<i>Lonchura striata</i> var. <i>domestica</i>). <i>Animal Cognition</i> , 2001, 4, 241-245.	1.8	22
38	Effects of <i>Lobus parolfactorius</i> Lesions on Repeated Acquisition of Spatial Discrimination in Pigeons. <i>Brain, Behavior and Evolution</i> , 2001, 58, 333-342.	1.7	22
39	Preference for and discrimination of videos of conspecific social behavior in mice. <i>Animal Cognition</i> , 2016, 19, 523-531.	1.8	22
40	Failure of visual prototype learning in the pigeon. <i>Learning and Behavior</i> , 1988, 16, 147-152.	3.4	21
41	Conditioned social preference, but not place preference, produced by intranasal oxytocin in female mice.. <i>Behavioral Neuroscience</i> , 2016, 130, 182-195.	1.2	20
42	Cyclosporine-A enhances choline acetyltransferase immunoreactivity in the septal region of adult rats. <i>Neuroscience Letters</i> , 2000, 279, 73-76.	2.1	19
43	Near-field visual acuity in Japanese jungle crows (<i>Corvus macrorhynchos</i>). <i>Physiology and Behavior</i> , 2001, 72, 283-286.	2.1	18
44	Distress of mice induces approach behavior but has an aversive property for conspecifics. <i>Behavioural Processes</i> , 2012, 90, 167-173.	1.1	18
45	Discrimination of moving video images of self by pigeons (<i>Columba livia</i>). <i>Animal Cognition</i> , 2008, 11, 699-705.	1.8	17
46	Effects of hippocampal lesions on spatial operant discrimination in pigeons. <i>Behavioural Brain Research</i> , 1999, 103, 77-84.	2.2	16
47	Preference for mirror images and video image in Java sparrows (<i>Padda oryzivora</i>). <i>Behavioural Processes</i> , 2002, 60, 35-39.	1.1	16
48	Reinforcing and discriminative stimulus properties of music in goldfish. <i>Behavioural Processes</i> , 2013, 99, 26-33.	1.1	16
49	Social factors in conditioned place preference with morphine in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2013, 103, 440-443.	2.9	16
50	Reconciliation and third-party affiliation in pair-bond budgerigars (<i>Melopsittacus undulatus</i>). <i>Behaviour</i> , 2016, 153, 1173-1193.	0.8	16
51	Strategies of spatial learning for food storing in scrub jays. <i>Journal of Ethology</i> , 2005, 23, 181-187.	0.8	15
52	Sustained performance by common marmosets in a delayed matching to position task with variable stimulus presentations. <i>Behavioural Brain Research</i> , 2016, 297, 277-284.	2.2	15
53	Discrimination of "Four" and "Two" by Pigeons. <i>Psychological Record</i> , 1998, 48, 383-391.	0.9	14
54	The dominant/subordinate relationship between mice modifies the approach behavior toward a cage mate experiencing pain. <i>Behavioural Processes</i> , 2014, 103, 1-4.	1.1	14

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55	Experimental Analysis of Spatial Learning in Goldfish. <i>Psychological Record</i> , 2005, 55, 647-662.	0.9	13
56	Social inequality aversion in mice: Analysis with stress-induced hyperthermia and behavioral preference. <i>Learning and Motivation</i> , 2017, 59, 38-46.	1.2	12
57	Prosody Discrimination by Songbirds (<i>Padda oryzivora</i>). <i>PLoS ONE</i> , 2012, 7, e47446.	2.5	12
58	Visual and auditory cues in conspecific discrimination learning in Bengalese finches. <i>Journal of Ethology</i> , 1993, 11, 111-116.	0.8	11
59	Influence of social dominance on self-stimulation behavior in male golden hamsters. <i>Physiology and Behavior</i> , 1996, 59, 621-624.	2.1	11
60	Chronic administration of cyclosporine A does not impair memory retention in rats. <i>NeuroReport</i> , 1997, 8, 673-676.	1.2	11
61	Visual discrimination of normal and drug induced behavior in quails (<i>Coturnix coturnix japonica</i>). <i>Animal Cognition</i> , 2004, 7, 128-132.	1.8	10
62	Animal Aesthetics from the Perspective of Comparative Cognition. <i>The Science of the Mind</i> , 2012, , 129-162.	0.4	9
63	Discriminative and reinforcing properties of paintings in Java sparrows (<i>Padda oryzivora</i>). <i>Animal Cognition</i> , 2011, 14, 227-234.	1.8	8
64	Lesions in the basal ganglion and hippocampus on performance in a Wisconsin Card Sorting Test-like task in pigeons. <i>Physiology and Behavior</i> , 2005, 85, 324-332.	2.1	7
65	Language discrimination by Java sparrows. <i>Behavioural Processes</i> , 2006, 73, 114-116.	1.1	7
66	Integration of auditory and visual information in human face discrimination in pigeons Behavioral and anatomical study. <i>Behavioural Brain Research</i> , 2010, 207, 61-69.	2.2	7
67	Common experience modifies the reinforcing properties of methamphetamine-injected cage mates but not morphine-injected cage mates in C57 mice. <i>Behavioural Pharmacology</i> , 2015, 26, 636-641.	1.7	7
68	Spatial inference without a cognitive map: the role of higher-order path integration. <i>Biological Reviews</i> , 2021, 96, 52-65.	10.4	7
69	Mirror Perception in Mice: Preference For and Stress Reduction by Mirrors. <i>International Journal of Comparative Psychology</i> , 0, 29, .	0.3	7
70	Effects of Partial Hippocampal Lesions by Ibotenic Acid on Repeated Acquisition of Spatial Discrimination in Pigeons. <i>Reviews in the Neurosciences</i> , 2006, 17, 29-41.	2.9	6
71	Spatial learning in Japanese eels (<i>Anguilla japonica</i>). <i>Animal Cognition</i> , 2020, 23, 233-236.	1.8	6
72	INTEROCULAR TRANSFER OF GENERALIZATION ALONG LINE-TILT DIMENSION IN PIGEONS. <i>Japanese Psychological Research</i> , 1975, 17, 133-140.	1.1	6

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73	IMHV lesions caused deficits in conspecific discrimination in chicks but not in adult quail. <i>NeuroReport</i> , 2003, 14, 1511-1514.	1.2	5
74	Individual recognition learning in mice. <i>Journal of Ethology</i> , 1990, 8, 29-32.	0.8	4
75	Cyclosporine-A reduces spontaneous place preference in adult rats. <i>Neuroscience Letters</i> , 1999, 267, 169-172.	2.1	4
76	Effects of hippocampal lesions on conditional spatial discrimination in pigeons. <i>Physiology and Behavior</i> , 2002, 77, 183-187.	2.1	4
77	Impaired Pavlovian predictive learning between temporally phasic but not static events in autism-model strain mice. <i>Neurobiology of Learning and Memory</i> , 2016, 134, 304-316.	1.9	4
78	Spatial Learning in Japanese Eels Using Extra- and Intra-Maze Cues. <i>Frontiers in Psychology</i> , 2020, 11, 1350.	2.1	4
79	Impairments in spatial learning by telencephalic lesions in Japanese eels (<i>Anguilla japonica</i>). <i>Behavioural Brain Research</i> , 2022, 418, 113626.	2.2	4
80	Comparative cognitive science in Japan. <i>Japanese Psychological Research</i> , 2004, 46, 137-140.	1.1	3
81	Mice recognize the center of an enclosure. <i>Behavioural Processes</i> , 2012, 91, 141-144.	1.1	3
82	“What” and “Where” Analysis and Flexibility in Avian Visual Cognition. , 2012, , .		2
83	Analysis of inequality aversion in mice using stress-induced hyperthermia. <i>Learning and Motivation</i> , 2019, 68, 101601.	1.2	2
84	Visual snake aversion in <i>Octodon degus</i> and C57BL/6 mice. <i>Animal Cognition</i> , 2021, , 1.	1.8	2
85	Factor of familiarity in sibling recognition in golden hamsters. <i>Journal of Ethology</i> , 1995, 13, 17-22.	0.8	1
86	Strategy of auditory discrimination of scale in Java sparrows: They use both “imagery” and specific cues. <i>Behavioural Processes</i> , 2008, 77, 1-6.	1.1	1
87	Effects of reversible deactivation of mossy fibers in the dentate “CA3 system on geometric center detection task in mice: Functional separation of spatial learning and its generalization to new environment. <i>Physiology and Behavior</i> , 2014, 131, 75-80.	2.1	1
88	Evolutionary Origin of Empathy and Inequality Aversion. , 2017, , 273-299.		1
89	Preference and discrimination of facial expressions of humans, rats, and mice by C57 mice. <i>Animal Cognition</i> , 2021, , 1.	1.8	1
90	Integration of comparative neuroanatomy and comparative cognition. <i>Japanese Journal of Animal Psychology</i> , 2008, 58, 147-157.	0.3	1

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91	Animal Aesthetics. Trends in the Sciences, 2011, 16, 64-67.	0.0	1
92	Editorial: New waves and purpose of comparative cognition study ¹ . Japanese Psychological Research, 2009, 51, 111-114.	1.1	0
93	Paintings discrimination by mice: Different strategies for different paintings. Behavioural Processes, 2017, 142, 126-130.	1.1	0
94	Social Modification of Amphetamine Reward. International Review of Neurobiology, 2018, 140, 109-129.	2.0	0
95	Rapid assessment of the dose-response relationship of methamphetamine using the progressive-dosing procedure. Behavioural Pharmacology, 2019, 30, 1-4.	1.7	0
96	Discrimination of artificial starry sky by pigeons. Learning and Behavior, 2020, 48, 22-26.	1.0	0
97	Physical contact with cage mates modifies stress-induced hyperthermia in mice. Learning and Motivation, 2021, 73, 101692.	1.2	0
98	Effects of ectostriatal lesions, Wulst lesions and hemispherectomy upon visual discrimination of food in pigeons. Japanese Journal of Physiological Psychology and Psychophysiology, 1993, 11, 13-22.	0.1	0
99	Aesthetics and Reinforcement: A Behavioural Approach to Aesthetics. History, Philosophy and Theory of the Life Sciences, 2015, , 289-307.	0.4	0
100	Higher-Order Conditioning in the Spatial Domain. Frontiers in Behavioral Neuroscience, 2021, 15, 766767.	2.0	0