

# 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	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
2	Physical contact with cage mates modifies stress-induced hyperthermia in mice. <i>Learning and Motivation</i> , 2021, 73, 101692.	1.2	0
3	Spatial inference without a cognitive map: the role of higher-order path integration. <i>Biological Reviews</i> , 2021, 96, 52-65.	10.4	7
4	Visual snake aversion in <i>Octodon degus</i> and C57BL/6 mice. <i>Animal Cognition</i> , 2021, , 1.	1.8	2
5	Preference and discrimination of facial expressions of humans, rats, and mice by C57 mice. <i>Animal Cognition</i> , 2021, , 1.	1.8	1
6	Higher-Order Conditioning in the Spatial Domain. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 766767.	2.0	0
7	Spatial learning in Japanese eels ( <i>Anguilla japonica</i> ). <i>Animal Cognition</i> , 2020, 23, 233-236.	1.8	6
8	Spatial Learning in Japanese Eels Using Extra- and Intra-Maze Cues. <i>Frontiers in Psychology</i> , 2020, 11, 1350.	2.1	4
9	Discrimination of artificial starry sky by pigeons. <i>Learning and Behavior</i> , 2020, 48, 22-26.	1.0	0
10	Analysis of inequality aversion in mice using stress-induced hyperthermia. <i>Learning and Motivation</i> , 2019, 68, 101601.	1.2	2
11	Rapid assessment of the dose-response relationship of methamphetamine using the progressive-dosing procedure. <i>Behavioural Pharmacology</i> , 2019, 30, 1-4.	1.7	0
12	Striatonigral direct pathway activation is sufficient to induce repetitive behaviors. <i>Neuroscience Research</i> , 2018, 132, 53-57.	1.9	23
13	Social Modification of Amphetamine Reward. <i>International Review of Neurobiology</i> , 2018, 140, 109-129.	2.0	0
14	Evolutionary Origin of Empathy and Inequality Aversion. , 2017, , 273-299.		1
15	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
16	Paintings discrimination by mice: Different strategies for different paintings. <i>Behavioural Processes</i> , 2017, 142, 126-130.	1.1	0
17	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
18	Reconciliation and third-party affiliation in pair-bond budgerigars ( <i>Melopsittacus undulatus</i> ). <i>Behaviour</i> , 2016, 153, 1173-1193.	0.8	16

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19	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
20	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
21	Preference for and discrimination of videos of conspecific social behavior in mice. <i>Animal Cognition</i> , 2016, 19, 523-531.	1.8	22
22	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
23	Social factors modulate restraint stress induced hyperthermia in mice. <i>Brain Research</i> , 2015, 1624, 134-139.	2.2	24
24	Aesthetics and Reinforcement: A Behavioural Approach to Aesthetics. <i>History, Philosophy and Theory of the Life Sciences</i> , 2015, , 289-307.	0.4	0
25	Self-recognition in pigeons revisited. <i>Journal of the Experimental Analysis of Behavior</i> , 2014, 102, 327-334.	1.1	29
26	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
27	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
28	Reinforcing and discriminative stimulus properties of music in goldfish. <i>Behavioural Processes</i> , 2013, 99, 26-33.	1.1	16
29	Spatial memory and the avian hippocampus: Research in zebra finches. <i>Journal of Physiology (Paris)</i> , 2013, 107, 2-12.	2.1	43
30	Social factors in conditioned place preference with morphine in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2013, 103, 440-443.	2.9	16
31	Preference for and Discrimination of Paintings by Mice. <i>PLoS ONE</i> , 2013, 8, e65335.	2.5	26
32	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
33	Distress of mice induces approach behavior but has an aversive property for conspecifics. <i>Behavioural Processes</i> , 2012, 90, 167-173.	1.1	18
34	Mice recognize the center of an enclosure. <i>Behavioural Processes</i> , 2012, 91, 141-144.	1.1	3
35	Animal Aesthetics from the Perspective of Comparative Cognition. <i>The Science of the Mind</i> , 2012, , 129-162.	0.4	9
36	What and Where Analysis and Flexibility in Avian Visual Cognition. , 2012, ,		2

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37	Prosody Discrimination by Songbirds ( <i>Padda oryzivora</i> ). PLoS ONE, 2012, 7, e47446.	2.5	12
38	Visual Wulst analyses "where" and entopallium analyses "what" in the zebra finch visual system. Behavioural Brain Research, 2011, 222, 51-56.	2.2	42
39	Empathy and Reversed Empathy of Stress in Mice. PLoS ONE, 2011, 6, e23357.	2.5	32
40	Drug "social interactions in the reinforcing property of methamphetamine in mice. Behavioural Pharmacology, 2011, 22, 203-206.	1.7	28
41	Discriminative and reinforcing properties of paintings in Java sparrows ( <i>Padda oryzivora</i> ). Animal Cognition, 2011, 14, 227-234.	1.8	8
42	Discrimination of painting style and quality: pigeons use different strategies for different tasks. Animal Cognition, 2011, 14, 797-808.	1.8	34
43	Animal Aesthetics. Trends in the Sciences, 2011, 16, 64-67.	0.0	1
44	Pigeons can discriminate "good" and "bad" paintings by children. Animal Cognition, 2010, 13, 75-85.	1.8	35
45	Integration of auditory and visual information in human face discrimination in pigeons Behavioral and anatomical study. Behavioural Brain Research, 2010, 207, 61-69.	2.2	7
46	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. Neurobiology of Learning and Memory, 2010, 93, 322-329.	1.9	53
47	Editorial: New waves and purpose of comparative cognition study<sup>1</sup>. Japanese Psychological Research, 2009, 51, 111-114.	1.1	0
48	Discrimination of moving video images of self by pigeons ( <i>Columba livia</i> ). Animal Cognition, 2008, 11, 699-705.	1.8	17
49	Strategy of auditory discrimination of scale in Java sparrows: They use both "imagery" and specific cues. Behavioural Processes, 2008, 77, 1-6.	1.1	1
50	Pattern discrimination is affected by entopallial but not by hippocampal lesions in zebra finches. Behavioural Brain Research, 2008, 190, 201-205.	2.2	35
51	Integration of comparative neuroanatomy and comparative cognition. Japanese Journal of Animal Psychology, 2008, 58, 147-157.	0.3	1
52	How animal psychology contributes to animal welfare. Applied Animal Behaviour Science, 2007, 106, 193-202.	1.9	23
53	Observational visuospatial encoding of the cache locations of others by western scrub-jays ( <i>Aphelocoma californica</i> ). Journal of Ethology, 2007, 25, 271-279.	0.8	26
54	Deficits in acquisition of spatial learning after dorsomedial telencephalon lesions in goldfish. Behavioural Brain Research, 2006, 172, 187-194.	2.2	41

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55	Language discrimination by Java sparrows. <i>Behavioural Processes</i> , 2006, 73, 114-116.	1.1	7
56	Animal logics: Decisions in the absence of human language. <i>Animal Cognition</i> , 2006, 9, 235-245.	1.8	46
57	Towards a "virtual pigeon": A new technique for investigating avian social perception. <i>Animal Cognition</i> , 2006, 9, 271-279.	1.8	25
58	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
59	Spatial Memory and Hippocampal Function in a NonFoodstoring Songbird, the Zebra Finch ( <i>Taeniopygia</i> ). <i>Journal of Experimental Psychology</i> , 2005, 135, 1-14.	2.9	25
60	Experimental Analysis of Spatial Learning in Goldfish. <i>Psychological Record</i> , 2005, 55, 647-662.	0.9	13
61	Chronic food restriction enhances memory in mice: analysis with matched drive levels. <i>NeuroReport</i> , 2005, 16, 1129-1133.	1.2	44
62	Strategies of spatial learning for food storing in scrub jays. <i>Journal of Ethology</i> , 2005, 23, 181-187.	0.8	15
63	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
64	Comparative cognitive science in Japan. <i>Japanese Psychological Research</i> , 2004, 46, 137-140.	1.1	3
65	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
66	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
67	Spatial learning deficits after the development of dorsomedial telencephalon lesions in goldfish. <i>NeuroReport</i> , 2004, 15, 2695-9.	1.2	23
68	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
69	IMHV lesions caused deficits in conspecific discrimination in chicks but not in adult quail. <i>NeuroReport</i> , 2003, 14, 1511-1514.	1.2	5
70	Effects of hippocampal lesions on conditional spatial discrimination in pigeons. <i>Physiology and Behavior</i> , 2002, 77, 183-187.	2.1	4
71	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
72	Discrimination of cartoons and photographs in pigeons: effects of scrambling of elements. <i>Behavioural Processes</i> , 2001, 53, 3-9.	1.1	32

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73	Effects of hippocampal lesions on repeated acquisition of spatial discrimination in pigeons. Behavioural Brain Research, 2001, 120, 59-66.	2.2	28
74	Near-field visual acuity in Japanese jungle crows ( <i>Corvus macrorhynchos</i> ). Physiology and Behavior, 2001, 72, 283-286.	2.1	18
75	Left-side dominance for song discrimination in Bengalese finches ( <i>Lonchura striata</i> var. <i>domestica</i> ). Animal Cognition, 2001, 4, 241-245.	1.8	22
76	Van Gogh, Chagall and pigeons: picture discrimination in pigeons and humans. Animal Cognition, 2001, 4, 147-151.	1.8	48
77	Effects of Lobus parolfactorius Lesions on Repeated Acquisition of Spatial Discrimination in Pigeons. Brain, Behavior and Evolution, 2001, 58, 333-342.	1.7	22
78	Reinforcing effects of methamphetamine in planarians. NeuroReport, 2000, 11, 2511-2513.	1.2	60
79	Cyclosporine-A enhances choline acetyltransferase immunoreactivity in the septal region of adult rats. Neuroscience Letters, 2000, 279, 73-76.	2.1	19
80	Cyclosporine-A reduces spontaneous place preference in adult rats. Neuroscience Letters, 1999, 267, 169-172.	2.1	4
81	Effects of hippocampal lesions on spatial operant discrimination in pigeons. Behavioural Brain Research, 1999, 103, 77-84.	2.2	16
82	Cyclosporine A-Induced Hyperactivity in Rats: Is it Mediated by Immunosuppression, Neurotrophism, or Both?. Cell Transplantation, 1999, 8, 153-159.	2.5	23
83	Discrimination of "Four" and "Two" by Pigeons. Psychological Record, 1998, 48, 383-391.	0.9	14
84	Chronic administration of cyclosporine A does not impair memory retention in rats. NeuroReport, 1997, 8, 673-676.	1.2	11
85	Visual discrimination of real objects and pictures in pigeons. Learning and Behavior, 1997, 25, 185-192.	3.4	28
86	Influence of social dominance on self-stimulation behavior in male golden hamsters. Physiology and Behavior, 1996, 59, 621-624.	2.1	11
87	Effects of ectostriatal lesions on discriminations of conspecific, species and familiar objects in pigeons. Behavioural Brain Research, 1996, 81, 183-188.	2.2	30
88	Factor of familiarity in sibling recognition in golden hamsters. Journal of Ethology, 1995, 13, 17-22.	0.8	1
89	PIGEONS' DISCRIMINATION OF PAINTINGS BY MONET AND PICASSO. Journal of the Experimental Analysis of Behavior, 1995, 63, 165-174.	1.1	142
90	Failure to discriminate conspecifics in amygdaloid-lesioned mice. Pharmacology Biochemistry and Behavior, 1994, 48, 677-680.	2.9	32

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91	Visual and auditory cues in conspecific discrimination learning in Bengalese finches. <i>Journal of Ethology</i> , 1993, 11, 111-116.	0.8	11
92	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
93	Effects of ectostriatal lesions, Wulst lesions and hemispherectomy upon visual discrimination of food in pigeons. <i>Japanese Journal of Physiological Psychology and Psychophysiology</i> , 1993, 11, 13-22.	0.1	0
94	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
95	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
96	Individual recognition learning in mice. <i>Journal of Ethology</i> , 1990, 8, 29-32.	0.8	4
97	Failure of visual prototype learning in the pigeon. <i>Learning and Behavior</i> , 1988, 16, 147-152.	3.4	21
98	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
99	INTEROCULAR TRANSFER OF GENERALIZATION ALONG LINE-TILT DIMENSION IN PIGEONS. <i>Japanese Psychological Research</i> , 1975, 17, 133-140.	1.1	6
100	Mirror Perception in Mice: Preference For and Stress Reduction by Mirrors. <i>International Journal of Comparative Psychology</i> , 0, 29, .	0.3	7