

Rebecca E Nordquist

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

2,241
citations

236833

25
h-index

243529

44
g-index

67
all docs

67
docs citations

67
times ranked

2414
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of animal models of neurobehavioral disorders. Behavioral and Brain Functions, 2009, 5, 11.	1.4	201
2	Making Decisions under Ambiguity: Judgment Bias Tasks for Assessing Emotional State in Animals. Frontiers in Behavioral Neuroscience, 2016, 10, 119.	1.0	195
3	The prevention and control of feather pecking in laying hens: identifying the underlying principles. World's Poultry Science Journal, 2013, 69, 361-374.	1.4	184
4	Augmented reinforcer value and accelerated habit formation after repeated amphetamine treatment. European Neuropsychopharmacology, 2007, 17, 532-540.	0.3	124
5	Assessing learning and memory in pigs. Animal Cognition, 2011, 14, 151-173.	0.9	118
6	A review of behavioural methods to study emotion and mood in pigs, Sus scrofa. Applied Animal Behaviour Science, 2014, 159, 9-28.	0.8	90
7	Learning-related changes in response patterns of prefrontal neurons during instrumental conditioning. Behavioural Brain Research, 2003, 146, 77-88.	1.2	76
8	The Pig as a Model Animal for Studying Cognition and Neurobehavioral Disorders. Current Topics in Behavioral Neurosciences, 2011, 7, 359-383.	0.8	66
9	Effects of aripiprazole/OPC-14597 on motor activity, pharmacological models of psychosis, and brain activity in rats. Neuropharmacology, 2008, 54, 405-416.	2.0	62
10	The appetitively motivated "cognitive" holeboard: A family of complex spatial discrimination tasks for assessing learning and memory. Neuroscience and Biobehavioral Reviews, 2012, 36, 379-403.	2.9	57
11	mGlu5 receptor antagonists and their therapeutic potential. Expert Opinion on Therapeutic Patents, 2008, 18, 123-142.	2.4	54
12	Responses of conventional pigs and Göttingen miniature pigs in an active choice judgement bias task. Applied Animal Behaviour Science, 2013, 148, 64-76.	0.8	51
13	Early Life in a Barren Environment Adversely Affects Spatial Cognition in Laying Hens (Gallus gallus) Tj ETQq1 1 0.784314 rgBT /Overl 0,9 50	0.9	50
14	Laying hens selected for low mortality: Behaviour in tests of fearfulness, anxiety and cognition. Applied Animal Behaviour Science, 2011, 131, 110-122.	0.8	44
15	Mutilating Procedures, Management Practices, and Housing Conditions That May Affect the Welfare of Farm Animals: Implications for Welfare Research. Animals, 2017, 7, 12.	1.0	43
16	Effects of environmental enrichment on cognitive performance of pigs in a spatial holeboard discrimination task. Animal Cognition, 2016, 19, 271-283.	0.9	42
17	The standardization "generalization dilemma: a way out. Genes, Brain and Behavior, 2010, 9, 849-855.	1.1	41
18	Cognitive performance of low- and normal-birth-weight piglets in a spatial hole-board discrimination task. Pediatric Research, 2012, 71, 71-76.	1.1	41

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19	Expression of amphetamine sensitization is associated with recruitment of a reactive neuronal population in the nucleus accumbens core. <i>Psychopharmacology</i> , 2008, 198, 113-126.	1.5	35
20	Metabotropic glutamate receptor modulation, translational methods, and biomarkers: relationships with anxiety. <i>Psychopharmacology</i> , 2008, 199, 389-402.	1.5	33
21	Pre-weaning dietary iron deficiency impairs spatial learning and memory in the cognitive holeboard task in piglets. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 291.	1.0	30
22	Stocking Density Affects Stress and Anxious Behavior in the Laying Hen Chick During Rearing. <i>Animals</i> , 2019, 9, 53.	1.0	30
23	Very low birth weight piglets show improved cognitive performance in the spatial cognitive holeboard task. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 43.	1.0	28
24	Performance of conventional pigs and Göttingen miniature pigs in a spatial holeboard task: effects of the putative muscarinic cognition impairer Biperiden. <i>Behavioral and Brain Functions</i> , 2013, 9, 4.	1.4	27
25	Decision-making under risk and ambiguity in low-birth-weight pigs. <i>Animal Cognition</i> , 2015, 18, 561-572.	0.9	26
26	Cognitive performance in neurokinin 3 receptor knockout mice. <i>Psychopharmacology</i> , 2008, 198, 211-220.	1.5	24
27	Female and male pigs' performance in a spatial holeboard and judgment bias task. <i>Applied Animal Behaviour Science</i> , 2017, 191, 5-16.	0.8	24
28	Plasticity of neuronal firing in deep layers of the medial prefrontal cortex in rats engaged in operant conditioning. <i>Progress in Brain Research</i> , 2000, 126, 287-301.	0.9	23
29	Effects of parity and litter size on cortisol measures in commercially housed sows and their offspring. <i>Physiology and Behavior</i> , 2019, 201, 83-90.	1.0	21
30	Localization and Physiological Regulation of the Exocytosis Protein SNAP-25 in the Brain and Pituitary Gland of <i>Xenopus laevis</i> . <i>Journal of Neuroendocrinology</i> , 2001, 12, 694-706.	1.2	20
31	Stress-induced hyperthermia: Effects of acute and repeated dosing of MPEP. <i>European Journal of Pharmacology</i> , 2007, 568, 199-202.	1.7	20
32	The effect of maternal care and infrared beak trimming on development, performance and behavior of Silver Nick hens. <i>Applied Animal Behaviour Science</i> , 2012, 140, 70-84.	0.8	20
33	Effects of maternal care and selection for low mortality on tyrosine hydroxylase concentrations and cell soma size in hippocampus and nidopallium caudolaterale in adult laying hen1. <i>Journal of Animal Science</i> , 2013, 91, 137-146.	0.2	19
34	Effects of environmental enrichment on decision-making behavior in pigs. <i>Applied Animal Behaviour Science</i> , 2017, 194, 14-23.	0.8	19
35	Subclinical in utero Zika virus infection is associated with interferon alpha sequelae and sex-specific molecular brain pathology in asymptomatic porcine offspring. <i>PLoS Pathogens</i> , 2019, 15, e1008038.	2.1	18
36	The d-amphetamine-treated Göttingen miniature pig: an animal model for assessing behavioral effects of antipsychotics. <i>Psychopharmacology</i> , 2009, 206, 715-729.	1.5	17

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37	Successive and conditional discrimination learning in pigs. <i>Animal Cognition</i> , 2013, 16, 883-893.	0.9	17
38	Chronic Allopurinol Treatment during the Last Trimester of Pregnancy in Sows: Effects on Low and Normal Birth Weight Offspring. <i>PLoS ONE</i> , 2014, 9, e86396.	1.1	17
39	Lack of mirror use by pigs to locate food. <i>Applied Animal Behaviour Science</i> , 2014, 154, 22-29.	0.8	17
40	Judgement bias in pigs is independent of performance in a spatial holeboard task and conditional discrimination learning. <i>Animal Cognition</i> , 2017, 20, 739-753.	0.9	16
41	Characterization of behavioral response to amphetamine, tyrosine hydroxylase levels, and dopamine receptor levels in neurokinin 3 receptor knockout mice. <i>Behavioural Pharmacology</i> , 2008, 19, 518-529.	0.8	15
42	Effects of Maternal Care During Rearing in White Leghorn and Brown Nick Layer Hens on Cognition, Sociality and Fear. <i>Animals</i> , 2019, 9, 454.	1.0	15
43	Does litter size affect emotionality, spatial learning and memory in piglets?. <i>Applied Animal Behaviour Science</i> , 2016, 178, 23-31.	0.8	14
44	Juvenile pigs use simple geometric 2D shapes but not portrait photographs of conspecifics as visual discriminative stimuli. <i>Applied Animal Behaviour Science</i> , 2012, 142, 142-153.	0.8	13
45	C-fos activation patterns in rat prefrontal cortex during acquisition of a cued classical conditioning task. <i>Behavioural Brain Research</i> , 2003, 146, 65-75.	1.2	12
46	Effects of Dark Brooder Rearing and Age on Hypothalamic Vasotocin and Feather Corticosterone Levels in Laying Hens. <i>Frontiers in Veterinary Science</i> , 2020, 7, 19.	0.9	12
47	The tachykinin NK3 receptor agonist senktide induces locomotor activity in male Mongolian gerbils. <i>European Journal of Pharmacology</i> , 2008, 600, 87-92.	1.7	11
48	Differential effects of diazepam and MPEP on habituation and neuro-behavioural processes in inbred mice. <i>Behavioral and Brain Functions</i> , 2012, 8, 30.	1.4	11
49	Low Birth Weight Impairs Acquisition of Spatial Memory Task in Pigs. <i>Frontiers in Veterinary Science</i> , 2018, 5, 142.	0.9	11
50	Hypothalamic vasotocin and tyrosine hydroxylase levels following maternal care and selection for low mortality in laying hens. <i>BMC Veterinary Research</i> , 2014, 10, 167.	0.7	10
51	Non-anemic Iron Deficiency from Birth to Weaning Does Not Impair Growth or Memory in Piglets. <i>Frontiers in Behavioral Neuroscience</i> , 2016, 10, 112.	1.0	9
52	Testing post-weaning food motivation in low and normal birth weight pigs in a runway and operant conditioning task. <i>Applied Animal Behaviour Science</i> , 2016, 181, 83-90.	0.8	9
53	Discrimination learning and judgment bias in low birth weight pigs. <i>Animal Cognition</i> , 2019, 22, 657-671.	0.9	9
54	The Relation between Hair-Cortisol Concentration and Various Welfare Assessments of Dutch Dairy Farms. <i>Animals</i> , 2021, 11, 821.	1.0	9

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55	Pharmacological characterization of senktide-induced tail whips. <i>Neuropharmacology</i> , 2010, 58, 259-267.	2.0	7
56	Neurological functioning and fear responses in low and normal birth weight piglets. <i>Applied Animal Behaviour Science</i> , 2019, 220, 104853.	0.8	7
57	Does Early Environmental Complexity Influence Tyrosine Hydroxylase in the Chicken Hippocampus and α -Prefrontal Caudolateral Nidopallium?. <i>Frontiers in Veterinary Science</i> , 2016, 3, 8.	0.9	6
58	Spatial memory deficits after vincristine-induced lesions to the dorsal hippocampus. <i>PLoS ONE</i> , 2020, 15, e0231941.	1.1	6
59	Overnight Social Isolation in Pigs Decreases Salivary Cortisol but Does Not Impair Spatial Learning and Memory or Performance in a Decision-Making Task. <i>Frontiers in Veterinary Science</i> , 2015, 2, 81.	0.9	3
60	Pigs as Model Species to Investigate Effects of Early Life Events on Later Behavioral and Neurological Functions. , 2017, , 1003-1030.		3
61	Large Farm Animal Models of Human Neurobehavioral and Psychiatric Disorders: Methodological and Practical Considerations. , 2017, , 71-100.		3
62	Effects of Birth Order on Performance and Affective State of Pigs. <i>Frontiers in Animal Science</i> , 2021, 2, .	0.8	3
63	Developing mouse models of neurobehavioral disorders. , 0, , 4-17.		0
64	Opposing Short-Term and Long-Term Effects of Amphetamine Sensitization on Operant Responding for a Food Reinforcer. , 2005, , 209-217.		0
65	Behavioural tests for learning and cognition in humans and animals.. , 2021, , 141-156.		0