Mark H Lewis

List of Publications by Year
in descending order

57 papers	3,662 citations	201674 27 h-index	161849 54 g-index
57 all docs	57 docs citations	57 times ranked	3271 citing authors

#	Article	IF	Citations
1	Varieties of repetitive behavior in autism: comparisons to mental retardation. Journal of Autism and Developmental Disorders, 2000, 30, 237-243.	2.7	932
2	Animal models of restricted repetitive behavior in autism. Behavioural Brain Research, 2007, 176, 66-74.	2.2	227
3	Repetitive behavior disorders in autism. Mental Retardation and Developmental Disabilities Research Reviews, 1998, 4, 80-89.	3.6	205
4	The pathophysiology of restricted repetitive behavior. Journal of Neurodevelopmental Disorders, 2009, 1, 114-132.	3.1	181
5	D-cycloserine does not enhance exposureâ€“response prevention therapy in obsessiveâ€“compulsive disorder. International Clinical Psychopharmacology, 2007, 22, 230-237.	1.7	179
6	Decreased static and dynamic postural control in children with autism spectrum disorders. Gait and Posture, 2010, 32, 6-9.	1.4	135
7	Long-term effects of early social isolation in Macaca mulatta: changes in dopamine receptor function following apomorphine challenge. Brain Research, 1990, 513, 67-73.	2.2	128
8	A Rodent Model of Spontaneous Stereotypy. Physiology and Behavior, 1999, 66, 355-363.	2.1	124
9	Environmental complexity and central nervous system development and function. Mental Retardation and Developmental Disabilities Research Reviews, 2004, 10, 91-95.	3.6	111
10	Development of spontaneous stereotyped behavior in deer mice: Effects of early and late exposure to a more complex environment. Developmental Psychobiology, 2000, 37, 100-108.	1.6	89
11	Procedural learning and cognitive flexibility in a mouse model of restricted, repetitive behaviour. Behavioural Brain Research, 2008, 189, 250-256.	2.2	88
12	Environmental enrichment: Effects on stereotyped behavior and dendritic morphology. Developmental Psychobiology, 2003, 43, 20-27.	1.6	84
13	Selective blockade of spontaneous motor stereotypy via intrastriatal pharmacological manipulation. Pharmacology Biochemistry and Behavior, 2003, 74, 833-839.	2.9	78
14	Environmental enrichment: effects on stereotyped behavior and neurotrophin levels. Physiology and Behavior, 2003, 80, 259-266.	2.1	74
15	Indirect basal ganglia pathway mediation of repetitive behavior: Attenuation by adenosine receptor agonists. Behavioural Brain Research, 2010, 210, 116-122.	2.2	74
16	Striatal opioid peptide content in an animal model of spontaneous stereotypic behavior. Behavioural Brain Research, 2005, 157, 363-368.	2.2	71
17	Behavior-related alterations of striatal neurochemistry in a mouse model of stereotyped movement disorder. Pharmacology Biochemistry and Behavior, 2004, 77, 501-507.	2.9	59
18	Spontaneous stereotypy in an animal model of Down syndrome: Ts65Dn mice. Behavior Genetics, 2001, 31, 393-400.	2.1	58

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19	Environmental enrichment: effects on stereotyped behavior and regional neuronal metabolic activity. Brain Research, 2002, 938, 15-21.	2.2	58
20	Spontaneous stereotypy and environmental enrichment in deer mice (Peromyscus maniculatus): Reversibility of experience. Applied Animal Behaviour Science, 2006, 97, 312-322.	1.9	50
21	How does environmental enrichment reduce repetitive motor behaviors? Neuronal activation and dendritic morphology in the indirect basal ganglia pathway of a mouse model. Behavioural Brain Research, 2016, 299, 122-131.	2.2	48
22	Development of repetitive behavior in a mouse model: Roles of indirect and striosomal basal ganglia pathways. International Journal of Developmental Neuroscience, 2011, 29, 461-467.	1.6	46
23	Effects of intrastriatal administration of selective dopaminergic ligands on spontaneous stereotypy in mice. Physiology and Behavior, 2004, 80, 433-439.	2.1	44
24	Social Reactivity and D1 Dopamine Receptors: Studies in Mice Selectively Bred for High and Low Levels of Aggression. Neuropsychopharmacology, 1994, 10, 115-122.	5.4	43
25	D2-Like Dopamine Receptor Mediation of Social-Emotional Reactivity in a Mouse Model of Anxiety: Strain and Experience Effects. Neuropsychopharmacology, 1998, 18, 210-221.	5.4	36
26	Two years changes in the development of caudate nucleus are involved in restricted repetitive behaviors in 2â€“5-year-old children with autism spectrum disorder. Developmental Cognitive Neuroscience, 2016, 19, 137-143.	4.0	36
27	Stereotypy and Motor Control: Differences in the Postural Stability Dynamics of Persons With Stereotyped and Dyskinetic Movement Disorders. American Journal on Intellectual and Developmental Disabilites, 2001, 106, 123.	2.4	33
28	Reversal learning in C58 mice: Modeling higher order repetitive behavior. Behavioural Brain Research, 2017, 332, 372-378.	2.2	25
29	The development of repetitive motor behaviors in deer mice: Effects of environmental enrichment, repeated testing, and differential mediation by indirect basal ganglia pathway activation. Developmental Psychobiology, 2017, 59, 390-399.	1.6	23
30	Repetitive behavior profiles: Consistency across autism spectrum disorder cohorts and divergence from Praderâ€“Willi syndrome. Journal of Neurodevelopmental Disorders, 2011, 3, 316-324.	3.1	22
31	Oculomotor performance in children with high-functioning Autism Spectrum Disorders. Research in Developmental Disabilities, 2015, 38, 338-344.	2.2	22
32	A Cohesive Framework for Motor Stereotypy in Typical and Atypical Development: The Role of Sensorimotor Integration. Frontiers in Integrative Neuroscience, 2017, 11, 19.	2.1	21
33	Development and temporal organization of repetitive behavior in an animal model. Developmental Psychobiology, 2010, 52, 813-824.	1.6	20
34	Repetitive Behavior in Neurodevelopmental Disorders: Clinical and Translational Findings. The Behavior Analyst, 2015, 38, 163-178.	2.5	20
35	Vestibuloâ€ocular reflex function in children with highâ€functioning autism spectrum disorders. Autism Research, 2017, 10, 251-266.	3.8	20
36	Visual feedback during motor performance is associated with increased complexity and adaptability of motor and neural output. Behavioural Brain Research, 2019, 376, 112214.	2.2	19

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37	Interleukin-2 deficiency-induced T cell autoimmunity in the mouse brain. Neuroscience Letters, 2009, 463, 44-48.	2.1	18
38	Exposure of Rats to Environmental Tobacco Smoke during Cerebellar Development Alters Behavior and Perturbs Mitochondrial Energetics. Environmental Health Perspectives, 2012, 120, 1684-1691.	6.0	18
39	Reduction of repetitive behavior by co-administration of adenosine receptor agonists in C58 mice. Pharmacology Biochemistry and Behavior, 2019, 181, 110-116.	2.9	17
40	Volumetric magnetic resonance and diffusion tensor imaging of C58/J mice: neural correlates of repetitive behavior. Brain Imaging and Behavior, 2020, 14, 2084-2096.	2.1	17
41	Dissociation between spontaneously emitted and apomorphine-induced stereotypy in Peromyscus maniculatus bairdii. Physiology and Behavior, 2002, 75, 347-353.	2.1	16
42	Effects of access to voluntary wheel running on the development of stereotypy. Behavioural Processes, 2010, 83, 242-246.	1.1	14
43	Repetitive motor behavior: Further characterization of development and temporal dynamics. Developmental Psychobiology, 2015, 57, 201-211.	1.6	14
44	Amphetamine-induced sensitization and spontaneous stereotypy in deer mice. Pharmacology Biochemistry and Behavior, 2009, 92, 670-675.	2.9	11
45	Transgenerational effects of environmental enrichment on repetitive motor behavior development. Behavioural Brain Research, 2016, 307, 145-149.	2.2	11
46	Pharmacological targeting of striatal indirect pathway neurons improves subthalamic nucleus dysfunction and reduces repetitive behaviors in C58 mice. Behavioural Brain Research, 2020, 391, 112708.	2.2	11
47	Targeting Dopamine D2, Adenosine A2A, and Glutamate mGlu5 Receptors to Reduce Repetitive Behaviors in Deer Mice. Journal of Pharmacology and Experimental Therapeutics, 2019, 369, 88-97.	2.5	9
48	Early exposure to a methyl donor supplemented diet and the development of repetitive motor behavior in a mouse model. Developmental Psychobiology, 2020, 62, 77-87.	1.6	9
49	Growth differences associated with compulsive and stereotyped behavior disorders in adults with mental retardation. Anxiety, 1996, 2, 90-94.	0.4	4
50	Low dimensional temporal organization of spontaneous eye blinks in adults with developmental disabilities and stereotyped movement disorder. Research in Developmental Disabilities, 2010, 31, 250-255.	2.2	2
51	Atypical neural processing during the execution of complex sensorimotor behavior in autism. Behavioural Brain Research, 2021, 409, 113337.	2.2	2
52	Development of spontaneous stereotyped behavior in deer mice: Effects of early and late exposure to a more complex environment. Developmental Psychobiology, 2000, 37, 100-108.	1.6	2
53	Differential consequences of habitual responding in a mouse model of repetitive behavior.. Behavioral Neuroscience, 2020, 134, 21-33.	1.2	2
54	Stereotyped movement disorder in an adult following acquired brain injury: Effect of environmental stimulation. Behavioral Interventions, 1995, 10, 79-85.	1.0	1

#	Article	IF	Citations
55	Repetitive behavior disorders in autism. , 0, .		1
56	Stereotyped Movement Disorder. , 2021, , 4627-4633.		0
57	Stereotyped Movement Disorder. , 2013, , 2997-3003.		0