

Mark H Lewis

List of Publications by Year in descending order

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Version: 2024-02-01

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	Stereotyped Movement Disorder. , 2021, , 4627-4633.		0
2	Atypical neural processing during the execution of complex sensorimotor behavior in autism. Behavioural Brain Research, 2021, 409, 113337.	2.2	2
3	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
4	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
5	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
6	Differential consequences of habitual responding in a mouse model of repetitive behavior.. Behavioral Neuroscience, 2020, 134, 21-33.	1.2	2
7	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
8	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
9	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
10	Vestibulo-ocular reflex function in children with high-functioning autism spectrum disorders. Autism Research, 2017, 10, 251-266.	3.8	20
11	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
12	Reversal learning in C58 mice: Modeling higher order repetitive behavior. Behavioural Brain Research, 2017, 332, 372-378.	2.2	25
13	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
14	Transgenerational effects of environmental enrichment on repetitive motor behavior development. Behavioural Brain Research, 2016, 307, 145-149.	2.2	11
15	Two years changes in the development of caudate nucleus are involved in restricted repetitive behaviors in 2-5-year-old children with autism spectrum disorder. Developmental Cognitive Neuroscience, 2016, 19, 137-143.	4.0	36
16	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
17	Oculomotor performance in children with high-functioning Autism Spectrum Disorders. Research in Developmental Disabilities, 2015, 38, 338-344.	2.2	22
18	Repetitive motor behavior: Further characterization of development and temporal dynamics. Developmental Psychobiology, 2015, 57, 201-211.	1.6	14

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19	Repetitive Behavior in Neurodevelopmental Disorders: Clinical and Translational Findings. <i>The Behavior Analyst</i> , 2015, 38, 163-178.	2.5	20
20	Stereotyped Movement Disorder. , 2013, , 2997-3003.		0
21	Exposure of Rats to Environmental Tobacco Smoke during Cerebellar Development Alters Behavior and Perturbs Mitochondrial Energetics. <i>Environmental Health Perspectives</i> , 2012, 120, 1684-1691.	6.0	18
22	Development of repetitive behavior in a mouse model: Roles of indirect and striosomal basal ganglia pathways. <i>International Journal of Developmental Neuroscience</i> , 2011, 29, 461-467.	1.6	46
23	Repetitive behavior profiles: Consistency across autism spectrum disorder cohorts and divergence from Prader-Willi syndrome. <i>Journal of Neurodevelopmental Disorders</i> , 2011, 3, 316-324.	3.1	22
24	Development and temporal organization of repetitive behavior in an animal model. <i>Developmental Psychobiology</i> , 2010, 52, 813-824.	1.6	20
25	Decreased static and dynamic postural control in children with autism spectrum disorders. <i>Gait and Posture</i> , 2010, 32, 6-9.	1.4	135
26	Effects of access to voluntary wheel running on the development of stereotypy. <i>Behavioural Processes</i> , 2010, 83, 242-246.	1.1	14
27	Indirect basal ganglia pathway mediation of repetitive behavior: Attenuation by adenosine receptor agonists. <i>Behavioural Brain Research</i> , 2010, 210, 116-122.	2.2	74
28	Low dimensional temporal organization of spontaneous eye blinks in adults with developmental disabilities and stereotyped movement disorder. <i>Research in Developmental Disabilities</i> , 2010, 31, 250-255.	2.2	2
29	Amphetamine-induced sensitization and spontaneous stereotypy in deer mice. <i>Pharmacology Biochemistry and Behavior</i> , 2009, 92, 670-675.	2.9	11
30	The pathophysiology of restricted repetitive behavior. <i>Journal of Neurodevelopmental Disorders</i> , 2009, 1, 114-132.	3.1	181
31	Interleukin-2 deficiency-induced T cell autoimmunity in the mouse brain. <i>Neuroscience Letters</i> , 2009, 463, 44-48.	2.1	18
32	Procedural learning and cognitive flexibility in a mouse model of restricted, repetitive behaviour. <i>Behavioural Brain Research</i> , 2008, 189, 250-256.	2.2	88
33	D-cycloserine does not enhance exposure-response prevention therapy in obsessive-compulsive disorder. <i>International Clinical Psychopharmacology</i> , 2007, 22, 230-237.	1.7	179
34	Animal models of restricted repetitive behavior in autism. <i>Behavioural Brain Research</i> , 2007, 176, 66-74.	2.2	227
35	Spontaneous stereotypy and environmental enrichment in deer mice (<i>Peromyscus maniculatus</i>): Reversibility of experience. <i>Applied Animal Behaviour Science</i> , 2006, 97, 312-322.	1.9	50
36	Striatal opioid peptide content in an animal model of spontaneous stereotypic behavior. <i>Behavioural Brain Research</i> , 2005, 157, 363-368.	2.2	71

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37	Behavior-related alterations of striatal neurochemistry in a mouse model of stereotyped movement disorder. <i>Pharmacology Biochemistry and Behavior</i> , 2004, 77, 501-507.	2.9	59
38	Environmental complexity and central nervous system development and function. <i>Mental Retardation and Developmental Disabilities Research Reviews</i> , 2004, 10, 91-95.	3.6	111
39	Effects of intrastriatal administration of selective dopaminergic ligands on spontaneous stereotypy in mice. <i>Physiology and Behavior</i> , 2004, 80, 433-439.	2.1	44
40	Selective blockade of spontaneous motor stereotypy via intrastriatal pharmacological manipulation. <i>Pharmacology Biochemistry and Behavior</i> , 2003, 74, 833-839.	2.9	78
41	Environmental enrichment: Effects on stereotyped behavior and dendritic morphology. <i>Developmental Psychobiology</i> , 2003, 43, 20-27.	1.6	84
42	Environmental enrichment: effects on stereotyped behavior and neurotrophin levels. <i>Physiology and Behavior</i> , 2003, 80, 259-266.	2.1	74
43	Dissociation between spontaneously emitted and apomorphine-induced stereotypy in <i>Peromyscus maniculatus bairdii</i> . <i>Physiology and Behavior</i> , 2002, 75, 347-353.	2.1	16
44	Environmental enrichment: effects on stereotyped behavior and regional neuronal metabolic activity. <i>Brain Research</i> , 2002, 938, 15-21.	2.2	58
45	Spontaneous stereotypy in an animal model of Down syndrome: Ts65Dn mice. <i>Behavior Genetics</i> , 2001, 31, 393-400.	2.1	58
46	Stereotypy and Motor Control: Differences in the Postural Stability Dynamics of Persons With Stereotyped and Dyskinetic Movement Disorders. <i>American Journal on Intellectual and Developmental Disabilities</i> , 2001, 106, 123.	2.4	33
47	Development of spontaneous stereotyped behavior in deer mice: Effects of early and late exposure to a more complex environment. <i>Developmental Psychobiology</i> , 2000, 37, 100-108.	1.6	89
48	Varieties of repetitive behavior in autism: comparisons to mental retardation. <i>Journal of Autism and Developmental Disorders</i> , 2000, 30, 237-243.	2.7	932
49	Development of spontaneous stereotyped behavior in deer mice: Effects of early and late exposure to a more complex environment. <i>Developmental Psychobiology</i> , 2000, 37, 100-108.	1.6	2
50	A Rodent Model of Spontaneous Stereotypy. <i>Physiology and Behavior</i> , 1999, 66, 355-363.	2.1	124
51	D2-Like Dopamine Receptor Mediation of Social-Emotional Reactivity in a Mouse Model of Anxiety: Strain and Experience Effects. <i>Neuropsychopharmacology</i> , 1998, 18, 210-221.	5.4	36
52	Repetitive behavior disorders in autism. <i>Mental Retardation and Developmental Disabilities Research Reviews</i> , 1998, 4, 80-89.	3.6	205
53	Growth differences associated with compulsive and stereotyped behavior disorders in adults with mental retardation. <i>Anxiety</i> , 1996, 2, 90-94.	0.4	4
54	Stereotyped movement disorder in an adult following acquired brain injury: Effect of environmental stimulation. <i>Behavioral Interventions</i> , 1995, 10, 79-85.	1.0	1

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55	Social Reactivity and D1 Dopamine Receptors: Studies in Mice Selectively Bred for High and Low Levels of Aggression. <i>Neuropsychopharmacology</i> , 1994, 10, 115-122.	5.4	43
56	Long-term effects of early social isolation in <i>Macaca mulatta</i> : changes in dopamine receptor function following apomorphine challenge. <i>Brain Research</i> , 1990, 513, 67-73.	2.2	128
57	Repetitive behavior disorders in autism. , 0, .		1