

Mark D Lindner

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

2,568
citations

201674

27
h-index

189892

50
g-index

61
all docs

61
docs citations

61
times ranked

2133
citing authors

#	ARTICLE	IF	CITATIONS
1	Implants of Encapsulated Human CNTF-Producing Fibroblasts Prevent Behavioral Deficits and Striatal Degeneration in a Rodent Model of Huntington's Disease. <i>Journal of Neuroscience</i> , 1996, 16, 5168-5181.	3.6	204
2	Reliability, Distribution, and Validity of Age-Related Cognitive Deficits in the Morris Water Maze. <i>Neurobiology of Learning and Memory</i> , 1997, 68, 203-220.	1.9	162
3	Implantation of encapsulated catecholamine and GDNF-producing cells in rats with unilateral dopamine depletions and parkinsonian symptoms. <i>Experimental Neurology</i> , 1995, 132, 62-76.	4.1	142
4	Long-Lasting Functional Disabilities in Middle-Aged Rats with Small Cerebral Infarcts. <i>Journal of Neuroscience</i> , 2003, 23, 10913-10922.	3.6	111
5	Dissociable Long-Term Cognitive Deficits after Frontal versus Sensorimotor Cortical Contusions. <i>Journal of Neurotrauma</i> , 1998, 15, 199-216.	3.4	109
6	An Assessment of the Effects of Serotonin 6 (5-HT6) Receptor Antagonists in Rodent Models of Learning. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003, 307, 682-691.	2.5	98
7	Aging and atropine effects on spatial navigation in the Morris water task.. <i>Behavioral Neuroscience</i> , 1988, 102, 621-634.	1.2	96
8	Incomplete nigrostriatal dopaminergic cell loss and partial reductions in striatal dopamine produce akinesia, rigidity, tremor and cognitive deficits in middle-aged rats. <i>Behavioural Brain Research</i> , 1999, 102, 1-16.	2.2	91
9	Blind rats are not profoundly impaired in the reference memory Morris water maze and cannot be clearly discriminated from rats with cognitive deficits in the cued platform task. <i>Cognitive Brain Research</i> , 1997, 5, 329-333.	3.0	80
10	Relationship between performance in the morris water task, visual acuity, and thermoregulatory function in aged F-344 rats. <i>Behavioural Brain Research</i> , 1991, 45, 45-55.	2.2	73
11	Short forms of the "reference" and "working-memory" Morris water maze for assessing age-related deficits. <i>Behavioral and Neural Biology</i> , 1992, 58, 94-102.	2.2	72
12	Polymer-Encapsulated Genetically Modified Cells Continue to Secrete Human Nerve Growth Factor for over One Year in Rat Ventricles: Behavioral and Anatomical Consequences. <i>Experimental Neurology</i> , 1996, 140, 126-138.	4.1	72
13	Cellular delivery of human CNTF prevents motor and cognitive dysfunction in a rodent model of Huntington's disease. <i>Cell Transplantation</i> , 1997, 6, 249-266.	2.5	68
14	Cellular Delivery of Human Cntf Prevents Motor and Cognitive Dysfunction in a Rodent Model of Huntington's Disease. <i>Cell Transplantation</i> , 1997, 6, 249-266.	2.5	67
15	Individual differences in the hotplate test and effects of habituation on sensitivity to morphine. <i>Pain</i> , 1996, 66, 265-270.	4.2	63
16	NIH peer review: Criterion scores completely account for racial disparities in overall impact scores. <i>Science Advances</i> , 2020, 6, eaaz4868.	10.3	63
17	Rescuing neurons from trans-synaptic degeneration after brain damage: Helpful, harmful, or neutral in recovery of function?. <i>Canadian Journal of Psychology</i> , 1990, 44, 276-292.	0.8	61
18	Rats with partial striatal dopamine depletions exhibit robust and long-lasting behavioral deficits in a simple fixed-ratio bar-pressing task. <i>Behavioural Brain Research</i> , 1997, 86, 25-40.	2.2	57

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19	Scopolamine induced deficits in a battery of rat cognitive tests: comparisons of sensitivity and specificity. <i>Behavioural Pharmacology</i> , 2009, 20, 237-251.	1.7	57
20	Donepezil primarily attenuates scopolamine-induced deficits in psychomotor function, with moderate effects on simple conditioning and attention, and small effects on working memory and spatial mapping. <i>Psychopharmacology</i> , 2006, 188, 629-640.	3.1	55
21	The Pharmacology of DMP696 and DMP904, Non-Peptidergic CRF1 Receptor Antagonists. <i>CNS Neuroscience & Therapeutics</i> , 2006, 11, 21-52.	4.0	53
22	Clinical attrition due to biased preclinical assessments of potential efficacy. , 2007, 115, 148-175.		50
23	Pain-Related Disability and Effects of Chronic Morphine in the Adjuvant-Induced Arthritis Model of Chronic Pain. <i>Physiology and Behavior</i> , 1997, 62, 199-205.	2.1	46
24	Differential in Vivo Effects of Neurturin and Glial Cell-Line-Derived Neurotrophic Factor. <i>Experimental Neurology</i> , 1999, 160, 235-243.	4.1	45
25	Hypoxia produces cell death in the rat hippocampus in the presence of an A1 adenosine receptor antagonist: An anatomical and behavioral study. <i>Neuroscience</i> , 1992, 48, 807-812.	2.3	43
26	Validation of a rodent model of Parkinson's disease: Evidence of a therapeutic window for oral Sinemet. <i>Brain Research Bulletin</i> , 1996, 39, 367-372.	3.0	42
27	Scientific productivity: An exploratory study of metrics and incentives. <i>PLoS ONE</i> , 2018, 13, e0195321.	2.5	31
28	Therapeutic Potential of a Polymer-Encapsulated α -DOPA and Dopamine-Producing Cell Line in Rodent and Primate Models of Parkinson's Disease. <i>Cell Transplantation</i> , 1998, 7, 165-174.	2.5	30
29	Chronic morphine reduces pain-related disability in a rodent model of chronic, inflammatory pain.. <i>Experimental and Clinical Psychopharmacology</i> , 1999, 7, 187-197.	1.8	26
30	Continued presence of intrastriatal but not intraventricular polymer-encapsulated PC12 cells is required for alleviation of behavioral deficits in Parkinsonian rodents. <i>Cell Transplantation</i> , 1996, 5, 589-596.	2.5	22
31	Did Experimenter Bias Conceal the Efficacy of Spinal Opioids in Previous Studies with the Spinal Nerve Ligation Model of Neuropathic Pain?. <i>Anesthesiology</i> , 2004, 100, 765-767.	2.5	22
32	Numerous adrenal chromaffin cell preparations fail to produce analgesic effects in the formalin test or in tests of acute pain even with nicotine stimulation. <i>Pain</i> , 2000, 88, 177-188.	4.2	20
33	Effects of CRF1 receptor antagonists and benzodiazepines in the Morris water maze and delayed non-matching to position tests. <i>Psychopharmacology</i> , 2005, 178, 410-419.	3.1	20
34	Examining the Predictive Validity of NIH Peer Review Scores. <i>PLoS ONE</i> , 2015, 10, e0126938.	2.5	20
35	NIH Peer Review. <i>American Journal of Evaluation</i> , 2016, 37, 238-249.	2.1	20
36	Increased Levels of Truncated Nerve Growth Factor Receptor in Urine of Mildly Demented Patients With Alzheimer's Disease. <i>Archives of Neurology</i> , 1993, 50, 1054-1058.	4.5	19

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37	Somatic Delivery of Catecholamines in the Striatum Attenuate Parkinsonian Symptoms and Widen the Therapeutic Window of Oral Sinemet in Rats. <i>Experimental Neurology</i> , 1997, 145, 130-140.	4.1	19
38	Soluble $\text{A}\beta^2$ and cognitive function in aged F-344 rats and Tg2576 mice. <i>Behavioural Brain Research</i> , 2006, 173, 62-75.	2.2	17
39	Adverse effects of gabapentin and lack of anti-allodynic efficacy of amitriptyline in the streptozotocin model of painful diabetic neuropathy.. <i>Experimental and Clinical Psychopharmacology</i> , 2006, 14, 42-51.	1.8	16
40	An experimental test of the effects of redacting grant applicant identifiers on peer review outcomes. <i>ELife</i> , 2021, 10, .	6.0	16
41	Mammalian-Cell-Produced Neurturin (NTN) Is More Potent Than Purified Escherichia coli-Produced NTN. <i>Experimental Neurology</i> , 2000, 162, 189-193.	4.1	14
42	Intrathecal Polymer-Encapsulated Bovine Adrenal Chromaffin Cells Fail to Produce Analgesic Effects in the Hotplate and Formalin Test. <i>Experimental Neurology</i> , 2000, 165, 370-383.	4.1	14
43	Analgesic effects of adrenal chromaffin allografts: Contingent on special procedures or due to experimenter bias?. <i>Journal of Pain</i> , 2003, 4, 64-73.	1.4	14
44	No detectable analgesic effects in the formalin test even with one million bovine adrenal chromaffin cells. <i>Pain</i> , 2002, 99, 263-271.	4.2	12
45	Development, Optimization and Use of Preclinical Behavioral Models to Maximize the Productivity of Drug Discovery for Alzheimer's Disease. , 2008, , 93-157.		10
46	Intraventricular encapsulated calf adrenal chromaffin cells: viable for at least 500 days in vivo without detectable adverse effects on behavioral/cognitive function or host immune sensitization in rats. <i>Restorative Neurology and Neuroscience</i> , 1997, 11, 21-35.	0.7	9
47	Effects of oral BMY 21502 on Morris water task performance in 16-18 month old F-344 rats. <i>Psychopharmacology</i> , 1992, 107, 485-488.	3.1	8
48	The analgesic potential of intraventricular polymer-encapsulated adrenal chromaffin cells in a rodent model of chronic neuropathic pain.. <i>Experimental and Clinical Psychopharmacology</i> , 2000, 8, 524-538.	1.8	8
49	Alleviation of behavioral deficits in aged rodents following implantation of encapsulated GDNF-producing fibroblasts. <i>Brain Research</i> , 1996, 736, 99-110.	2.2	3
50	The analgesic potential of intraventricular polymer-encapsulated adrenal chromaffin cells in a rodent model of chronic neuropathic pain.. <i>Experimental and Clinical Psychopharmacology</i> , 2000, 8, 524-538.	1.8	3
51	Development of Behavioral Outcome Measures for Preclinical Parkinson's Research. , 2000, , 153-169.		2
52	The partial-reinforcement extinction effect in 4-5-day-old guinea pigs. <i>Learning and Behavior</i> , 1983, 11, 337-340.	3.4	1
53	Conditional analgesia from spinally transplanted adrenal chromaffin cells. <i>Pain</i> , 2002, 95, 192-194.	4.2	0
54	Overview of Mouse Models for Psychiatric and Neurologic Disorders. , 2012, , 738-751.		0

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55	Treatment of Central Nervous System Diseases with Polymer-Encapsulated Xenogeneic Cells. , 1998 , 253-286.		0