

Laura H Jacobson

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

2,801
citations

185998

28
h-index

182168

51
g-index

63
all docs

63
docs citations

63
times ranked

3901
citing authors

#	ARTICLE	IF	CITATIONS
1	Hypocretins (orexins): The ultimate translational neuropeptides. <i>Journal of Internal Medicine</i> , 2022, 291, 533-556.	2.7	42
2	Differential sleep/wake response and sex differences following acute suvorexant, MKâ€1064 and zolpidem administration in the rTg4510 mouse model of tauopathy. <i>British Journal of Pharmacology</i> , 2022, 179, 3403-3417.	2.7	5
3	Losing sleep with age. <i>Science</i> , 2022, 375, 816-817.	6.0	4
4	Orexin Signaling: A Complex, Multifaceted Process. <i>Frontiers in Cellular Neuroscience</i> , 2022, 16, 812359.	1.8	15
5	Decreased Orexin Receptor 1 mRNA Expression in the Locus Coeruleus in Both Tau Transgenic rTg4510 and Tau Knockout Mice and Accompanying Ascending Arousal System Tau Invasion in rTg4510. <i>Journal of Alzheimer's Disease</i> , 2021, 79, 693-708.	1.2	7
6	Manipulation of rapid eye movement sleep via orexin and GABAA receptor modulators differentially affects fear extinction in mice: effect of stable versus disrupted circadian rhythm. <i>Sleep</i> , 2021, 44, .	0.6	10
7	Reward motivation and cognitive flexibility in tau null-mutation mice. <i>Neurobiology of Aging</i> , 2021, 100, 106-117.	1.5	1
8	Synthesis of the Potent, Selective, and Efficacious Î²-Secretase (BACE1) Inhibitor NB-360. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 4677-4696.	2.9	9
9	Development of a LC-ESI-MRM method for the absolute quantification of orexin A in the CSF of individual mice. <i>Medicine in Drug Discovery</i> , 2021, 11, 100102.	2.3	3
10	Discovery of Umibecestat (CNP520): A Potent, Selective, and Efficacious Î²-Secretase (BACE1) Inhibitor for the Prevention of Alzheimer's Disease. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 15262-15279.	2.9	14
11	Hypnotics with novel modes of action. <i>British Journal of Clinical Pharmacology</i> , 2020, 86, 244-249.	1.1	25
12	Effects of orexin receptor antagonism on human sleep architecture: A systematic review. <i>Sleep Medicine Reviews</i> , 2020, 53, 101332.	3.8	39
13	Circadian disruption impairs fear extinction and memory of conditioned safety in mice. <i>Behavioural Brain Research</i> , 2020, 393, 112788.	1.2	4
14	Novel alterations in corneal neuroimmune phenotypes in mice with central nervous system tauopathy. <i>Journal of Neuroinflammation</i> , 2020, 17, 136.	3.1	11
15	Sex differences in mouse models of fear inhibition: Fear extinction, safety learning, and fear's safety discrimination. <i>British Journal of Pharmacology</i> , 2019, 176, 4149-4158.	2.7	40
16	Separating Probability and Reversal Learning in a Novel Probabilistic Reversal Learning Task for Mice. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 270.	1.0	23
17	The Gamma-Aminobutyric Acid B Receptor in Depression and Reward. <i>Biological Psychiatry</i> , 2018, 83, 963-976.	0.7	51
18	Discovery of amino-1,4-oxazines as potent BACE-1 inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 2195-2200.	1.0	10

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19	The social defeat/overcrowding murine psychosocial stress model results in a pharmacologically reversible body weight gain but not depression - related behaviours. <i>Neurobiology of Stress</i> , 2018, 9, 176-187.	1.9	8
20	The <sc>BACE</sc> β 1 inhibitor <sc>CNP</sc> 520 for prevention trials in Alzheimer's disease. <i>EMBO Molecular Medicine</i> , 2018, 10, .	3.3	112
21	Selective Na ^V 1.1 activation rescues Dravet syndrome mice from seizures and premature death. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E8077-E8085.	3.3	105
22	Ablation of tau causes an olfactory deficit in a murine model of Parkinson's disease. <i>Acta Neuropathologica Communications</i> , 2018, 6, 57.	2.4	11
23	Blunted 5-HT1A receptor-mediated responses and antidepressant-like behavior in mice lacking the GABAB1a but not GABAB1b subunit isoforms. <i>Psychopharmacology</i> , 2017, 234, 1511-1523.	1.5	9
24	Orexin Receptor Antagonists. <i>Current Sleep Medicine Reports</i> , 2017, 3, 342-353.	0.7	1
25	Orexin OX2 Receptor Antagonists as Sleep Aids. <i>Current Topics in Behavioral Neurosciences</i> , 2016, 33, 105-136.	0.8	28
26	Pharmacological BACE1 and BACE2 inhibition induces hair depigmentation by inhibiting PMEL17 processing in mice. <i>Scientific Reports</i> , 2016, 6, 21917.	1.6	56
27	Longitudinal noninvasive magnetic resonance imaging of brain microhemorrhages in BACE inhibitor-treated APP transgenic mice. <i>Neurobiology of Aging</i> , 2016, 45, 50-60.	1.5	15
28	Neurological Dysfunction in Early Maturity of a Model for Niemann-Pick C1 Carrier Status. <i>Neurotherapeutics</i> , 2016, 13, 614-622.	2.1	17
29	Differential roles of GABAB1 subunit isoforms on locomotor responses to acute and repeated administration of cocaine. <i>Behavioural Brain Research</i> , 2016, 298, 12-16.	1.2	10
30	A novel BACE inhibitor NB-360 shows a superior pharmacological profile and robust reduction of amyloid- β 2 and neuroinflammation in APP transgenic mice. <i>Molecular Neurodegeneration</i> , 2015, 10, 44.	4.4	102
31	Discovery of 1 H -pyrazolo[3,4- b]pyridines as potent dual orexin receptor antagonists (DORAs). <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 5555-5560.	1.0	14
32	Suvorexant for the treatment of insomnia. <i>Expert Review of Clinical Pharmacology</i> , 2014, 7, 711-730.	1.3	40
33	Discovery of cyclic sulfoxide hydroxyethylamines as potent and selective β 2-site APP-cleaving enzyme 1 (BACE1) inhibitors: Structure based design and in vivo reduction of amyloid β 2-peptides. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 5300-5306.	1.0	20
34	Identification of a Novel Series of Orexin Receptor Antagonists with a Distinct Effect on Sleep Architecture for the Treatment of Insomnia. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 7590-7607.	2.9	82
35	Orexin in sleep, addiction and more: Is the perfect insomnia drug at hand?. <i>Neuropeptides</i> , 2013, 47, 477-488.	0.9	98
36	Enhanced Proteolytic Clearance of Plasma A β 2 by Peripherally Administered Neprilysin Does Not Result in Reduced Levels of Brain A β 2 in Mice. <i>Journal of Neuroscience</i> , 2013, 33, 2457-2464.	1.7	53

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37	Kinetic properties of dual orexin receptor antagonists at OX1R and OX2R orexin receptors. <i>Frontiers in Neuroscience</i> , 2013, 7, 230.	1.4	28
38	Distinct effects of IPSU and suvorexant on mouse sleep architecture. <i>Frontiers in Neuroscience</i> , 2013, 7, 235.	1.4	33
39	Discovery of Cyclic Sulfone Hydroxyethylamines as Potent and Selective β -Site APP-Cleaving Enzyme 1 (BACE1) Inhibitors: Structure-Based Design and in Vivo Reduction of Amyloid β -Peptides. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 3364-3386.	2.9	91
40	BACE1 Inhibition Induces a Specific Cerebrospinal Fluid β -Amyloid Pattern That Identifies Drug Effects in the Central Nervous System. <i>PLoS ONE</i> , 2012, 7, e31084.	1.1	68
41	Characterization of a novel, brain-penetrating CB1 receptor inverse agonist: metabolic profile in diet-induced obese models and aspects of central activity. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2011, 384, 565-581.	1.4	6
42	The Second-Generation Active A β Immunotherapy CAD106 Reduces Amyloid Accumulation in APP Transgenic Mice While Minimizing Potential Side Effects. <i>Journal of Neuroscience</i> , 2011, 31, 9323-9331.	1.7	167
43	Examining face and construct validity of a noninvasive model of panic disorder in Lister-hooded rats. <i>Psychopharmacology</i> , 2010, 211, 197-208.	1.5	16
44	Effect of abomasal prebiotic supplementation on sheep faecal microbiota. <i>New Zealand Journal of Agricultural Research</i> , 2010, 53, 99-108.	0.9	1
45	Genetic Approaches to Modeling Anxiety in Animals. <i>Current Topics in Behavioral Neurosciences</i> , 2009, 2, 161-201.	0.8	25
46	Induction of cerebral β -amyloidosis: Intracerebral versus systemic A β inoculation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 12926-12931.	3.3	249
47	mGluR7 facilitates extinction of aversive memories and controls amygdala plasticity. <i>Molecular Psychiatry</i> , 2008, 13, 970-979.	4.1	116
48	Correlation of cellular changes and spatial memory during aging in rats. <i>Experimental Gerontology</i> , 2008, 43, 929-938.	1.2	31
49	Evaluation of the anxiolytic-like profile of the GABAB receptor positive modulator CGP7930 in rodents. <i>Neuropharmacology</i> , 2008, 54, 854-862.	2.0	65
50	Specific roles of GABAB(1) receptor isoforms in cognition. <i>Behavioural Brain Research</i> , 2007, 181, 158-162.	1.2	49
51	Behavioral evaluation of mice deficient in GABAB(1) receptor isoforms in tests of unconditioned anxiety. <i>Psychopharmacology</i> , 2007, 190, 541-553.	1.5	70
52	Feeling Strained? Influence of Genetic Background on Depression-Related Behavior in Mice: A Review. <i>Behavior Genetics</i> , 2007, 37, 171-213.	1.4	153
53	Differential Compartmentalization and Distinct Functions of GABAB Receptor Variants. <i>Neuron</i> , 2006, 50, 589-601.	3.8	289
54	A genetic upper limit to whole-body protein deposition in a strain of growing pigs ¹ . <i>Journal of Animal Science</i> , 2006, 84, 3301-3309.	0.2	14

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55	GABAB(1) Receptor Isoforms Differentially Mediate the Acquisition and Extinction of Aversive Taste Memories. <i>Journal of Neuroscience</i> , 2006, 26, 8800-8803.	1.7	53
56	GABAB(1) Receptor Subunit Isoforms Exert a Differential Influence on Baseline but Not GABAB Receptor Agonist-Induced Changes in Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 319, 1317-1326.	1.3	23
57	Differential sensitivity to the motor and hypothermic effects of the GABAB receptor agonist baclofen in various mouse strains. <i>Psychopharmacology</i> , 2005, 179, 688-699.	1.5	38
58	Effect of feeding pasture-finished cattle different conserved forages on <i>Escherichia coli</i> in the rumen and faeces. <i>Meat Science</i> , 2002, 62, 93-106.	2.7	33
59	Effect of preslaughter feeding system on weight loss, gut bacteria, and the physicochemical properties of digesta in cattle. <i>New Zealand Journal of Agricultural Research</i> , 2000, 43, 351-361.	0.9	34
60	Partitioning psychological and physical sources of transport related stress in young cattle. <i>Veterinary Journal</i> , 1998, 155, 205-208.	0.6	24
61	Heart rate as a measure of adaptation to stress in cattle. <i>Australian Veterinary Journal</i> , 1996, 74, 471-472.	0.5	11
62	Salivary cortisol as an indicator of stress in sheep (<i>Ovis ovis</i>). <i>New Zealand Veterinary Journal</i> , 1995, 43, 248-248.	0.4	17
63	Electrical head-only stunning of fallow deer (<i>Dama dama</i>). <i>New Zealand Veterinary Journal</i> , 1994, 42, 38-39.	0.4	3