

Dennis Lovelock

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

3,682
citations

159525

30
h-index

133188

59
g-index

88
all docs

88
docs citations

88
times ranked

3347
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuroendocrine and neuroimmune responses in male and female rats: evidence for functional immaturity of the neuroimmune system during early adolescence. <i>European Journal of Neuroscience</i> , 2022, 55, 2311-2325.	1.2	9
2	Sensitization of depressive-like behavior is attenuated by disruption of prostaglandin synthesis days following brief early attachment-figure isolation. <i>Developmental Psychobiology</i> , 2022, 64, e22237.	0.9	1
3	Prenatal and adolescent alcohol exposure programs immunity across the lifespan: CNS-mediated regulation. <i>Pharmacology Biochemistry and Behavior</i> , 2022, 216, 173390.	1.3	10
4	The Toll-like receptor 7 agonist imiquimod increases ethanol self-administration and induces expression of Toll-like receptor related genes. <i>Addiction Biology</i> , 2022, 27, e13176.	1.4	9
5	Low-dose alcohol: Interoceptive and molecular effects and the role of dentate gyrus in rats. <i>Addiction Biology</i> , 2021, 26, e12965.	1.4	6
6	Assessment of neuroinflammation in the aging hippocampus using large-molecule microdialysis: Sex differences and role of purinergic receptors. <i>Brain, Behavior, and Immunity</i> , 2021, 91, 546-555.	2.0	16
7	Male, but not female, Sprague Dawley rats display enhanced fear learning following acute ethanol withdrawal (hangover). <i>Pharmacology Biochemistry and Behavior</i> , 2021, 208, 173229.	1.3	6
8	Interoception and alcohol: Mechanisms, networks, and implications. <i>Neuropharmacology</i> , 2021, 200, 108807.	2.0	12
9	Corticosterone and progesterone differentially regulate HPA axis and neuroimmune responses to stress in male rats. <i>Stress</i> , 2020, 23, 368-385.	0.8	8
10	Acute stress imposed during adolescence has minimal effects on hypothalamic-pituitary-adrenal (HPA) axis sensitivity in adulthood in female Sprague Dawley rats. <i>Physiology and Behavior</i> , 2020, 213, 112707.	1.0	5
11	Exposure to the predator odor <scp>TMT</scp> induces early and late differential gene expression related to stress and excitatory synaptic function throughout the brain in male rats. <i>Genes, Brain and Behavior</i> , 2020, 19, e12684.	1.1	15
12	Gene expression profiling reveals a lingering effect of prenatal alcohol exposure on inflammatory-related genes during adolescence and adulthood. <i>Cytokine</i> , 2020, 133, 155126.	1.4	10
13	Fibrillization of 40-residue β -Amyloid Peptides in Membrane-Like Environments Leads to Different Fibril Structures and Reduced Molecular Polymorphisms. <i>Biomolecules</i> , 2020, 10, 881.	1.8	11
14	Presence of mother prompts dissociation of sickness behavior, fever, and hypothalamic gene expression in lipopolysaccharide-injected guinea pig pups. <i>Developmental Psychobiology</i> , 2020, 62, 749-757.	0.9	3
15	Acute stress imposed during adolescence yields heightened anxiety in Sprague Dawley rats that persists into adulthood: Sex differences and potential involvement of the Medial Amygdala. <i>Brain Research</i> , 2019, 1723, 146392.	1.1	25
16	Assessment of Extracellular Cytokines in the Hippocampus of the Awake Behaving Rat Using Large-Molecule Microdialysis Combined with Multiplex Arrays After Acute and Chronic Ethanol Exposure. <i>Alcoholism: Clinical and Experimental Research</i> , 2019, 43, 640-654.	1.4	18
17	Early Attachment Disruption, Inflammation, and Vulnerability for Depression in Rodent and Primate Models. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 12, 314.	1.0	14
18	Impact of housing conditions on social behavior, neuroimmune markers, and oxytocin receptor expression in aged male and female Fischer 344 rats. <i>Experimental Gerontology</i> , 2019, 123, 24-33.	1.2	6

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19	Late aging-associated increases in L-DOPA-induced dyskinesia are accompanied by heightened neuroinflammation in the hemi-parkinsonian rat. <i>Neurobiology of Aging</i> , 2019, 81, 190-199.	1.5	10
20	Conditioning the neuroimmune response to ethanol using taste and environmental cues in adolescent and adult rats. <i>Experimental Biology and Medicine</i> , 2019, 244, 362-371.	1.1	7
21	Preface: Setting the stage for understanding alcohol effects in late aging: A special issue including both human and rodent studies. <i>International Review of Neurobiology</i> , 2019, 148, xiii-xxv.	0.9	4
22	Rapid alterations in neuroimmune gene expression after acute ethanol: Timecourse, sex differences and sensitivity to cranial surgery. <i>Journal of Neuroimmunology</i> , 2019, 337, 577083.	1.1	19
23	From adolescence to late aging: A comprehensive review of social behavior, alcohol, and neuroinflammation across the lifespan. <i>International Review of Neurobiology</i> , 2019, 148, 231-303.	0.9	14
24	A Pivotal Role for Thiamine Deficiency in the Expression of Neuroinflammation Markers in Models of Alcohol-Related Brain Damage. <i>Alcoholism: Clinical and Experimental Research</i> , 2019, 43, 425-438.	1.4	21
25	The influence of central interleukin-6 on behavioral changes associated with acute alcohol intoxication in adult male rats. <i>Alcohol</i> , 2019, 79, 37-45.	0.8	15
26	Central neuroimmune activity and depressive-like behavior in response to repeated maternal separation and injection of LPS. <i>Physiology and Behavior</i> , 2019, 199, 366-374.	1.0	8
27	Differential effects of acute versus chronic stress on ethanol sensitivity: Evidence for interactions on both behavioral and neuroimmune outcomes. <i>Brain, Behavior, and Immunity</i> , 2018, 70, 141-156.	2.0	18
28	Stereological Analysis of Microglia in Aged Male and Female Fischer 344 Rats in Socially Relevant Brain Regions. <i>Neuroscience</i> , 2018, 377, 40-52.	1.1	33
29	Late aging alters behavioral sensitivity to ethanol in a sex-specific manner in Fischer 344 rats. <i>Pharmacology Biochemistry and Behavior</i> , 2018, 175, 1-9.	1.3	19
30	Neuroendocrine and neuroimmune adaptation to Chronic Escalating Distress (CED): A novel model of chronic stress. <i>Neurobiology of Stress</i> , 2018, 9, 74-83.	1.9	6
31	Factors promoting vulnerability to dysregulated stress reactivity and stress-related disease. <i>Journal of Neuroendocrinology</i> , 2018, 30, e12641.	1.2	38
32	Maternal separation increases later immobility during forced swim in guinea pig pups: evidence for sensitization of a depressive-like state. <i>Developmental Psychobiology</i> , 2017, 59, 128-132.	0.9	9
33	A cross-sectional comparison of ethanol-related cytokine expression in the hippocampus of young and aged Fischer 344 rats. <i>Neurobiology of Aging</i> , 2017, 54, 40-53.	1.5	36
34	Assessment of social behavior directed toward sick partners and its relation to central cytokine expression in rats. <i>Physiology and Behavior</i> , 2017, 182, 128-136.	1.0	18
35	A brief overview of the 2016 Neurobiology of Stress Workshop. <i>Neurobiology of Stress</i> , 2017, 7, 122-123.	1.9	0
36	Analysis of c-Fos induction in response to social interaction in male and female Fisher 344 rats. <i>Brain Research</i> , 2017, 1672, 113-121.	1.1	23

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37	Repeated exposure to two stressors in sequence demonstrates that corticosterone and paraventricular nucleus of the hypothalamus interleukin-1 ^β responses habituate independently. <i>Journal of Neuroendocrinology</i> , 2017, 29, e12514.	1.2	15
38	A users guide to HPA axis research. <i>Physiology and Behavior</i> , 2017, 178, 43-65.	1.0	260
39	Adolescent Ethanol Exposure Leads to Stimulus-Specific Changes in Cytokine Reactivity and Hypothalamic-Pituitary-Adrenal Axis Sensitivity in Adulthood. <i>Frontiers in Behavioral Neuroscience</i> , 2017, 11, 78.	1.0	40
40	A multispecies approach for understanding neuroimmune mechanisms of stress. <i>Dialogues in Clinical Neuroscience</i> , 2017, 19, 37-53.	1.8	29
41	Sustained alterations in neuroimmune gene expression after daily, but not intermittent, alcohol exposure. <i>Brain Research</i> , 2016, 1646, 62-72.	1.1	46
42	A working model for the assessment of disruptions in social behavior among aged rats: The role of sex differences, social recognition, and sensorimotor processes. <i>Experimental Gerontology</i> , 2016, 76, 46-57.	1.2	20
43	Endogenous opioids as substrates for ethanol intake in the neonatal rat: The impact of prenatal ethanol exposure on the opioid family in the early postnatal period. <i>Physiology and Behavior</i> , 2015, 148, 100-110.	1.0	25
44	Neuroimmune mechanisms of stress: sex differences, developmental plasticity, and implications for pharmacotherapy of stress-related disease. <i>Stress</i> , 2015, 18, 367-380.	0.8	70
45	Early ontogeny as a unique developmental epoch for learning, memory and consequences of alcohol exposure: A Festschrift to honor the work of Dr. Norman E. Spear. <i>Physiology and Behavior</i> , 2015, 148, 1-5.	1.0	1
46	Male adolescent rats display blunted cytokine responses in the CNS after acute ethanol or lipopolysaccharide exposure. <i>Physiology and Behavior</i> , 2015, 148, 131-144.	1.0	72
47	Naproxen attenuates sensitization of depressive-like behavior and fever during maternal separation. <i>Physiology and Behavior</i> , 2015, 139, 34-40.	1.0	17
48	The impact of the P2X7 receptor antagonist A-804598 on neuroimmune and behavioral consequences of stress. <i>Behavioural Pharmacology</i> , 2014, 25, 582-598.	0.8	26
49	Effects of the Estrous Cycle and Ovarian Hormones on Central Expression of Interleukin-1 Evoked by Stress in Female Rats. <i>Neuroendocrinology</i> , 2014, 100, 162-177.	1.2	36
50	On the Time Course, Generality, and Regulation of Plasma Progesterone Release in Male Rats by Stress Exposure. <i>Endocrinology</i> , 2014, 155, 3527-3537.	1.4	41
51	Intoxication- and Withdrawal-Dependent Expression of Central and Peripheral Cytokines Following Initial Ethanol Exposure. <i>Alcoholism: Clinical and Experimental Research</i> , 2014, 38, 2186-2198.	1.4	74
52	Pharmacology of a Novel Central Nervous System-Penetrant P2X7 Antagonist JNJ-42253432. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2014, 351, 628-641.	1.3	67
53	Sociality and sickness: Have cytokines evolved to serve social functions beyond times of pathogen exposure?. <i>Brain, Behavior, and Immunity</i> , 2014, 37, 15-20.	2.0	96
54	The inflamed axis: The interaction between stress, hormones, and the expression of inflammatory-related genes within key structures comprising the hypothalamic-pituitary-adrenal axis. <i>Physiology and Behavior</i> , 2014, 124, 77-91.	1.0	105

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55	The Impact of Ventral Noradrenergic Bundle Lesions on Increased IL-1 in the PVN and Hormonal Responses to Stress in Male Sprague Dawley Rats. <i>Endocrinology</i> , 2013, 154, 2489-2500.	1.4	20
56	Accelerated maternal responding following intra-VTA pertussis toxin treatment. <i>Behavioural Brain Research</i> , 2011, 223, 322-328.	1.2	9
57	From models to mechanisms: Odorant communication as a key determinant of social behavior in rodents during illness-associated states. <i>Neuroscience and Biobehavioral Reviews</i> , 2011, 35, 1916-1928.	2.9	108
58	The role of neuroinflammation in the release of aversive odor cues from footshock-stressed rats: Implications for the neural mechanism of alarm pheromone. <i>Psychoneuroendocrinology</i> , 2011, 36, 557-568.	1.3	20
59	Stress-dependent changes in neuroinflammatory markers observed after common laboratory stressors are not seen following acute social defeat of the Sprague Dawley rat. <i>Physiology and Behavior</i> , 2011, 104, 187-198.	1.0	56
60	Enhancement of the hypothalamicâ€“pituitaryâ€“adrenal axis but not cytokine responses to stress challenges imposed during withdrawal from acute alcohol exposure in Spragueâ€“Dawley rats. <i>Psychopharmacology</i> , 2011, 218, 203-215.	1.5	38
61	Sickness-related odor communication signals as determinants of social behavior in rat: A role for inflammatory processes. <i>Hormones and Behavior</i> , 2010, 57, 330-341.	1.0	64
62	Gene expression changes in the hypothalamus provide evidence for regionally-selective changes in IL-1 and microglial markers after acute stress. <i>Brain, Behavior, and Immunity</i> , 2009, 23, 958-968.	2.0	115
63	Validation of a novel social investigation task that may dissociate social motivation from exploratory activity. <i>Behavioural Brain Research</i> , 2009, 199, 326-333.	1.2	20
64	Central infusion of interleukin-1 receptor antagonist blocks the reduction in social behavior produced by prior stressor exposure. <i>Physiology and Behavior</i> , 2009, 98, 139-146.	1.0	61
65	Enhanced maternal aggression and associated changes in neuropeptide gene expression in multiparous rats.. <i>Behavioral Neuroscience</i> , 2009, 123, 949-957.	0.6	53
66	Acute illness induces the release of aversive odor cues from adult, but not prepubertal, male rats and suppresses social investigation by conspecifics.. <i>Behavioral Neuroscience</i> , 2009, 123, 964-978.	0.6	37
67	Immune Cells and Cytokine Circuits: Toward a Working Model for Understanding Direct Immune-to-Adrenal Communication Pathways. <i>Endocrinology</i> , 2008, 149, 1433-1435.	1.4	16
68	From hippocampus to dorsal horn: The pervasive impact of IL-1 on learning and memory spans the length of the neuroaxis. <i>Brain, Behavior, and Immunity</i> , 2007, 21, 746-747.	2.0	10
69	Play behavior in rats pretreated with scopolamine: Increased play solicitation by the non-injected partner. <i>Physiology and Behavior</i> , 2006, 87, 120-125.	1.0	10
70	The involvement of norepinephrine and microglia in hypothalamic and splenic IL-1 β responses to stress. <i>Journal of Neuroimmunology</i> , 2006, 173, 87-95.	1.1	158
71	Stress-induced increases in hypothalamic IL-1: a systematic analysis of multiple stressor paradigms. <i>Brain Research Bulletin</i> , 2005, 64, 541-556.	1.4	124
72	Protracted increases in core body temperature and interleukin-1 following acute administration of lipopolysaccharide: Implications for the stress response. <i>Physiology and Behavior</i> , 2005, 85, 296-307.	1.0	24

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73	Behavioral responses during the forced swim test are not affected by anti-inflammatory agents or acute illness induced by lipopolysaccharide. Behavioural Brain Research, 2005, 160, 125-134.	1.2	70
74	Exposure to forced swim stress does not alter central production of IL-1. Brain Research, 2003, 972, 53-63.	1.1	87
75	Prior Stressor Exposure Sensitizes LPS-Induced Cytokine Production. Brain, Behavior, and Immunity, 2002, 16, 461-476.	2.0	233
76	Prior stressor exposure primes the HPA axis. Psychoneuroendocrinology, 2002, 27, 353-365.	1.3	102
77	Acute Stress May Facilitate Recovery from a Subcutaneous Bacterial Challenge. NeuroImmunoModulation, 1999, 6, 344-354.	0.9	55
78	The Impact of the Nonpeptide Corticotropin-Releasing Hormone Antagonist Antalarmin on Behavioral and Endocrine Responses to Stress**This research was supported by NIMH Grant MH-50479 and the Undergraduate Research Opportunities Program at the University of Colorado at Boulder.. Endocrinology, 1999, 140, 79-86.	1.4	225
79	Exposure to Acute Stress Induces Brain Interleukin-1 β Protein in the Rat. Journal of Neuroscience, 1998, 18, 2239-2246.	1.7	445
80	Stress, Sleep, and Sexuality in Psychiatric Disorders. , 0, , 111-143.		0