

John D Johnson

List of Publications by Year in descending order

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39
papers

2,457
citations

257450

24
h-index

361022

35
g-index

39
all docs

39
docs citations

39
times ranked

2655
citing authors

#	ARTICLE	IF	CITATIONS
1	Catecholamines mediate stress-induced increases in peripheral and central inflammatory cytokines. <i>Neuroscience</i> , 2005, 135, 1295-1307.	2.3	353
2	Prior Stressor Exposure Sensitizes LPS-Induced Cytokine Production. <i>Brain, Behavior, and Immunity</i> , 2002, 16, 461-476.	4.1	233
3	Releasing signals, secretory pathways, and immune function of endogenous extracellular heat shock protein 72. <i>Journal of Leukocyte Biology</i> , 2006, 79, 425-434.	3.3	220
4	Peripheral and central proinflammatory cytokine response to a severe acute stressor. <i>Brain Research</i> , 2003, 991, 123-132.	2.2	208
5	Further characterization of high mobility group box 1 (HMGB1) as a proinflammatory cytokine: central nervous system effects. <i>Cytokine</i> , 2003, 24, 254-265.	3.2	129
6	Effects of prior stress on LPS-induced cytokine and sickness responses. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2003, 284, R422-R432.	1.8	115
7	The role of IL-1 β in stress-induced sensitization of proinflammatory cytokine and corticosterone responses. <i>Neuroscience</i> , 2004, 127, 569-577.	2.3	103
8	Prior stressor exposure primes the HPA axis. <i>Psychoneuroendocrinology</i> , 2002, 27, 353-365.	2.7	102
9	Adrenergic receptors mediate stress-induced elevations in extracellular Hsp72. <i>Journal of Applied Physiology</i> , 2005, 99, 1789-1795.	2.5	100
10	Endogenous extra-cellular heat shock protein 72: Releasing signal(s) and function. <i>International Journal of Hyperthermia</i> , 2005, 21, 457-471.	2.5	98
11	Human immunodeficiency virus-1 coat protein gp120 impairs contextual fear conditioning: a potential role in AIDS related learning and memory impairments. <i>Brain Research</i> , 2000, 861, 8-15.	2.2	75
12	Neuroendocrine Regulation of Brain Cytokines After Psychological Stress. <i>Journal of the Endocrine Society</i> , 2019, 3, 1302-1320.	0.2	74
13	Inescapable shock induces resistance to the effects of dexamethasone. <i>Psychoneuroendocrinology</i> , 2003, 28, 481-500.	2.7	58
14	Sympathetic nervous system contributes to enhanced corticosterone levels following chronic stress. <i>Psychoneuroendocrinology</i> , 2016, 68, 163-170.	2.7	56
15	Role of central β -adrenergic receptors in regulating proinflammatory cytokine responses to a peripheral bacterial challenge. <i>Brain, Behavior, and Immunity</i> , 2008, 22, 1078-1086.	4.1	52
16	Beta-adrenergic receptor activation primes microglia cytokine production. <i>Journal of Neuroimmunology</i> , 2013, 254, 161-164.	2.3	49
17	Rat strain differences in restraint stress-induced brain cytokines. <i>Neuroscience</i> , 2011, 188, 48-54.	2.3	43
18	Stress-Induced Sensitization of the Hypothalamic-Pituitary Adrenal Axis Is Associated with Alterations of Hypothalamic and Pituitary Gene Expression. <i>Neuroendocrinology</i> , 2004, 80, 252-263.	2.5	38

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19	Repeated stressor exposure regionally enhances beta-adrenergic receptor-mediated brain IL-1 β production. <i>Brain, Behavior, and Immunity</i> , 2012, 26, 1249-1255.	4.1	37
20	Sexual dimorphism of the intracellular heat shock protein 72 response. <i>Journal of Applied Physiology</i> , 2006, 101, 566-575.	2.5	35
21	Interaction of metabolic stress with chronic mild stress in altering brain cytokines and sucrose preference.. <i>Behavioral Neuroscience</i> , 2015, 129, 321-330.	1.2	35
22	Can exercise stress facilitate innate immunity? A functional role for stress-induced extracellular Hsp72. <i>Exercise Immunology Review</i> , 2003, 9, 6-24.	0.4	35
23	Time-dependent mediators of HPA axis activation following live <i>Escherichia coli</i> . <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2011, 301, R1648-R1657.	1.8	30
24	Splenic norepinephrine depletion following acute stress suppresses in vivo antibody response. <i>Journal of Neuroimmunology</i> , 2005, 165, 150-160.	2.3	25
25	Sex differences in the regulation of brain IL-1 β in response to chronic stress. <i>Psychoneuroendocrinology</i> , 2019, 103, 203-211.	2.7	24
26	Prior laparotomy or corticosterone potentiates lipopolysaccharide-induced fever and sickness behaviors. <i>Journal of Neuroimmunology</i> , 2011, 239, 53-60.	2.3	23
27	Evidence that D2 receptor-mediated activation of hypothalamic tuberoinfundibular dopaminergic neurons in the male rat occurs via inhibition of tonically active afferent dynorphinergic neurons ¹¹ This work was presented in poster form at the 25th Annual Meeting of the Society for Neurosciences (San Diego, CA; November 1995).. <i>Brain Research</i> , 1996, 732, 113-120.	2.2	20
28	Repeated stressor exposure enhances contextual fear memory in a beta-adrenergic receptor-dependent process and increases impulsivity in a non-beta receptor-dependent fashion. <i>Physiology and Behavior</i> , 2015, 150, 64-68.	2.1	20
29	Stress-induced facilitation of host response to bacterial challenge in F344 rats is dependent on extracellular heat shock protein 72 and independent of alpha beta T cells. <i>Stress</i> , 2012, 15, 637-646.	1.8	19
30	Opposing roles for dopamine D1 and D2 receptors in the regulation of hypothalamic tuberoinfundibular dopamine neurons. <i>European Journal of Pharmacology</i> , 1998, 355, 141-147.	3.5	17
31	Fear conditioning can contribute to behavioral changes observed in a repeated stress model. <i>Behavioural Brain Research</i> , 2012, 233, 536-544.	2.2	11
32	Extracellular Hsp 72: A Double-Edged Sword for Host Defense. , 2007, , 235-263.		6
33	Sensitized corticosterone responses do not mediate the enhanced fear memories in chronically stressed rats. <i>Behavioural Brain Research</i> , 2020, 382, 112480.	2.2	5
34	Dopamine receptor-mediated regulation of expression of Fos and its related antigens (FRA) in somatostatin neurons in the hypothalamic periventricular nucleus. <i>Brain Research</i> , 1997, 770, 176-183.	2.2	4
35	The locus coeruleus may be a new target in regulating inflammation. <i>Brain, Behavior, and Immunity</i> , 2019, 79, 18-19.	4.1	2
36	Endogenous Extracellular Hsp72 Release Is an Adaptive Feature of the Acute Stress Response. , 2007, , 1013-1034.		1

#	ARTICLE	IF	CITATIONS
37	Use of the flu vaccine opens the door to studying associations between inflammation, depression, and cognitive impairments. <i>Brain, Behavior, and Immunity</i> , 2018, 70, 5.	4.1	1
38	Exercise and Stress Resistance: Neural-Immune Mechanisms. , 2009, , 87-107.		1
39	Interaction between corticosterone and PER2 in regulating emotional behaviors in the rat. <i>Psychoneuroendocrinology</i> , 2022, 137, 105628.	2.7	0