Esther M Sternberg

List of Publications by Year
in descending order

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69 papers	7,730 citations	87888 38 h-index	114465 63 g-index
71 all docs	71 docs citations	71 times ranked	8521 citing authors

#	Article	IF	Citations
1	Neural regulation of innate immunity: a coordinated nonspecific host response to pathogens. Nature Reviews Immunology, 2006, 6, 318-328.	22.7	887
2	Neuroendocrine Regulation of Immunity. Annual Review of Immunology, 2002, 20, 125-163.	21.8	800
3	Glucocorticoid regulation of inflammation and its functional correlates: from HPA axis to glucocorticoid receptor dysfunction. Annals of the New York Academy of Sciences, 2012, 1261, 55-63.	3.8	543
4	Hypothalamicâ€“pituitaryâ€“adrenal axis perturbations in patients with fibromyalgia. Arthritis and Rheumatism, 1994, 37, 1583-1592.	6.7	464
5	Caregiving Burden, Stress, and Health Effects Among Family Caregivers of Adult Cancer Patients. JAMA - Journal of the American Medical Association, 2012, 307, 398-403.	7.4	435
6	The Stress Response and the Regulation of Inflammatory Disease. Annals of Internal Medicine, 1992, 117, 854-866.	3.9	414
7	Behavioral and neuroendocrine responses in shy children. , 1997, 30, 127-140.		288
8	Scleroderma, Fasciitis, and Eosinophilia Associated with the Ingestion of Tryptophan. New England Journal of Medicine, 1990, 322, 874-881.	27.0	270
9	Corticotropin releasing hormone related behavioral and neuroendocrine responses to stress in Lewis and Fischer rats. Brain Research, 1992, 570, 54-60.	2.2	262
10	Exercise and Circadian Rhythm-Induced Variations in Plasma Cortisol Differentially Regulate Interleukin-1Î² (IL-1Î²), IL-6, and Tumor Necrosis Factor-Î± (TNFÎ±) Production in Humans: High Sensitivity of TNFÎ± and Resistance of IL-6. Journal of Clinical Endocrinology and Metabolism, 1997, 82, 2182-2191.	3.6	212
11	Heart rate variability and inflammation: A meta-analysis of human studies. Brain, Behavior, and Immunity, 2019, 80, 219-226.	4.1	204
12	Neuralâ€Immune Interactions in Health and Disease. Annals of the New York Academy of Sciences, 2002, 966, 20-27.	3.8	187
13	Elevated Neuroimmune Biomarkers in Sweat Patches and Plasma of Premenopausal Women with Major Depressive Disorder in Remission: The POWER Study. Biological Psychiatry, 2008, 64, 907-911.	1.3	169
14	Neural aspects of immunomodulation: Focus on the vagus nerve. Brain, Behavior, and Immunity, 2010, 24, 1223-1228.	4.1	162
15	Role of the hypothalamic-pituitary-adrenal axis, glucocorticoids and glucocorticoid receptors in toxic sequelae of exposure to bacterial and viral products. Journal of Endocrinology, 2004, 181, 207-221.	2.6	161
16	Development of a Scleroderma-like Illness during Therapy with L-5-Hydroxytryptophan and Carbidopa. New England Journal of Medicine, 1980, 303, 782-787.	27.0	155
17	The role of glucocorticoids and progestins in inflammatory, autoimmune, and infectious disease. Journal of Leukocyte Biology, 2008, 84, 924-931.	3.3	137
18	Evaluation of Stress Systems by Applying Noninvasive Methodologies: Measurements of Neuroimmune Biomarkers in the Sweat, Heart Rate Variability and Salivary Cortisol. NeuroImmunoModulation, 2010, 17, 205-208.	1.8	126

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19	Glucocorticoid Dysregulations and Their Clinical Correlates. Annals of the New York Academy of Sciences, 2009, 1179, 1-18.	3.8	122
20	Neurotransmitter-Induced Hypothalamic-Pituitary-Adrenal Axis Responsiveness Is Defective in Inflammatory Disease-Susceptible Lewis Rats: In vivo and in vitro Studies Suggesting Globally Defective Hypothalamic Secretion of Corticotropin-Releasing Hormone. Neuroendocrinology, 1992, 55, 600-608.	2.5	114
21	Neuroendocrine and Immune Contributors to Fatigue. PM and R, 2010, 2, 338-346.	1.6	107
22	The role of stress-response systems for the pathogenesis and progression of MS. Trends in Immunology, 2005, 26, 644-652.	6.8	99
23	Neuroendocrine factors alter host defense by modulating immune function. Cellular Immunology, 2008, 252, 7-15.	3.0	97
24	Measurement of cytokines in sweat patches and plasma in healthy women: Validation in a controlled study. Journal of Immunological Methods, 2006, 315, 99-109.	1.4	91
25	Inflammation and cardiorespiratory control: The role of the vagus nerve. Respiratory Physiology and Neurobiology, 2011, 178, 387-394.	1.6	76
26	Quantification of cortisol in human eccrine sweat by liquid chromatography â€“ tandem mass spectrometry. Analyst, The, 2016, 141, 2053-2060.	3.5	72
27	Effects of office workstation type on physical activity and stress. Occupational and Environmental Medicine, 2018, 75, 689-695.	2.8	72
28	Emotions and disease: From balance of humors to balance of molecules. Nature Medicine, 1997, 3, 264-267.	30.7	66
29	Anthrax lethal factor represses glucocorticoid and progesterone receptor activity. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 5706-5711.	7.1	61
30	DIURNAL CORTISOL VARIATIONS AND SYMPTOMS IN PATIENTS WITH INTERSTITIAL CYSTITIS. Journal of Urology, 2002, 167, 1338-1343.	0.4	57
31	Corticosteroid resistance in a subpopulation of multiple sclerosis patients as measured by ex vivo dexamethasone inhibition of LPS induced IL-6 production. Journal of Neuroimmunology, 2004, 151, 180-188.	2.3	51
32	Neuroscience and Architecture: Seeking Common Ground. Cell, 2006, 127, 239-242.	28.9	51
33	Neuroendocrine-Immune Interactions in Rheumatoid Arthritis: Mechanisms of Glucocorticoid Resistance. NeuroImmunoModulation, 2008, 15, 19-28.	1.8	45
34	Corticosteroid Resistance and Disease. Annals of Medicine, 1997, 29, 79-82.	3.8	44
35	Release of hypothalamic corticotropin-releasing hormone and arginine-vasopressin by interleukin 1Î² and Î±MSH: studies in rats with different susceptibility to inflammatory disease. Brain Research, 1993, 631, 22-26.	2.2	41
36	Overview of Neuroimmune Stress Interactions.. Annals of the New York Academy of Sciences, 1995, 771, 364-371.	3.8	41

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37	Wellbuilt for wellbeing: Controlling relative humidity in the workplace matters for our health. Indoor Air, 2020, 30, 167-179.	4.3	41
38	Endocrine Perturbation Increases Susceptibility of Mice to Anthrax Lethal Toxin. Infection and Immunity, 2005, 73, 4238-4244.	2.2	40
39	Tryptophan metabolism via the kynurenine pathway in patients with the eosinophiliaâ€“Myalgia syndrome. Arthritis and Rheumatism, 1992, 35, 1097-1105.	6.7	38
40	Neural concomitants of immunityâ€”Focus on the vagus nerve. NeuroImage, 2009, 47, 908-910.	4.2	34
41	Intracerebroventricular Transplantation of Embryonic Neuronal Tissue from Inflammatory Resistant into Inflammatory Susceptible Rats Suppresses Specific Components of Inflammation. Experimental Neurology, 1997, 146, 305-314.	4.1	33
42	Gender differences in the impact of daily sadness on 24â€h heart rate variability. Psychophysiology, 2015, 52, 1682-1688.	2.4	33
43	The Glucocorticoid Receptor: A Revisited Target for Toxins. Toxins, 2010, 2, 1357-1380.	3.4	31
44	Role of CRH in Glucopenia-Induced Adrenomedullary Activation in Rats. Journal of Neuroendocrinology, 1993, 5, 475-486.	2.6	30
45	Identification of a novel inflammation-protective locus in the Fischer rat. Mammalian Genome, 1999, 10, 362-365.	2.2	27
46	Lymphocyte subset responses to exercise and glucocorticoid suppression in healthy men. Medicine and Science in Sports and Exercise, 1996, 28, 822-828.	0.4	23
47	Animal models of neuroimmune interactions in inflammatory diseases. Journal of Neuroimmunology, 1999, 100, 13-20.	2.3	22
48	Differential induction of interleukin-l Î² mRNA in the brain parenchyma of Lewis and Fischer rats after peripheral injection of lipopolysaccharides. Journal of Neuroimmunology, 2003, 140, 126-136.	2.3	21
49	Anthrax lethal toxin represses glucocorticoid receptor (GR) transactivation by inhibiting GR-DNA binding in vivo. Molecular and Cellular Endocrinology, 2005, 241, 21-31.	3.2	21
50	Walter B. Cannon and â€œ â€˜Voodooâ€™ Deathâ€: A Perspective From 60 Years On. American Journal of Public Health, 2002, 92, 1564-1566.	2.7	20
51	Interactions between the immune and neuroendocrine systems. Progress in Brain Research, 2000, 122, 35-42.	1.4	19
52	The estrogen antagonist tamoxifen inhibits carrageenan induced inflammation in LEW/N female rats. Life Sciences, 1996, 58, PL281-PL286.	4.3	16
53	IL-1 receptor type I gene expression in the amygdala of inflammatory susceptible Lewis and inflammatory resistant Fischer rats. Journal of Neuroimmunology, 2001, 121, 32-39.	2.3	13
54	The Large Clostridial Toxins from Clostridium sordellii and C. difficile Repress Glucocorticoid Receptor Activity. Infection and Immunity, 2007, 75, 3935-3940.	2.2	13

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55	Accumulation of 3-(phenylamino)alanine, a constituent in l-tryptophan products implicated in eosinophilia-myalgia syndrome, in blood and organs of the Lewis rats. Archives of Toxicology, 1995, 69, 266-270.	4.2	12
56	Tissue expression of steroid hormone receptors is associated with differential immune responsiveness. Brain, Behavior, and Immunity, 2011, 25, 1000-1007.	4.1	12
57	Pathogenesis Of L-Tryptophan Eosinophils Myalgia Syndrome. Advances in Experimental Medicine and Biology, 1996, 398, 325-330.	1.6	11
58	Adenylate-Cyclase-Dependent Pituitary Adrenocorticotropin Secretion Is Defective in the Inflammatory-Disease-Susceptible Lewis Rat. Neuroendocrinology, 1996, 63, 468-474.	2.5	9
59	Novel Repression of the Glucocorticoid Receptor by Anthrax Lethal Toxin. Annals of the New York Academy of Sciences, 2004, 1024, 9-23.	3.8	8
60	Neuroendocrine Host Factors and Inflammatory Disease Susceptibility. Environmental Health Perspectives, 1999, 107, 701.	6.0	6
61	Differential expression of class I MHC mRNA in the hypothalamus of Lewis and Fischer rats. Journal of Neuroimmunology, 2003, 134, 35-43.	2.3	5
62	Increased pro-thyrotropin-releasing hormone transcription in hypophysiotropic neurons of Lewis rats. Journal of Neuroimmunology, 2004, 153, 143-149.	2.3	5
63	Trauma, place, and transformation. Archive for the Psychology of Religion, 2019, 41, 26-32.	0.8	3
64	ATWOOD ET AL. RESPOND. American Journal of Public Health, 2003, 93, 1037-a-1038.	2.7	1
65	Neuroendocrine stress and inflammatory disease:From animal model to human disease. NeuroImmune Biology, 2001, 1, 115-120.	0.2	0
66	Neuroendocrinology of Inflammatory Disorders. NeuroImmune Biology, 2007, 7, 319-348.	0.2	0
67	Neural-Immune Interactions. , 2013, , 141-151.		0
68	The Neuroendocrine System and Rheumatoid Arthritis: Focus on the Hypothalamic-Pituitary-Adrenal Axis. , 2007, , 193-205.		0
69	Progesterone polarization of dendritic cell function varies during the estrus cycle. FASEB Journal, 2008, 22, 853.8.	0.5	0