

Nobuyuki Sudo

List of Publications by Year in descending order

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Version: 2024-02-01

109
papers

6,343
citations

109264

35
h-index

69214

77
g-index

119
all docs

119
docs citations

119
times ranked

8215
citing authors

#	ARTICLE	IF	CITATIONS
1	Postnatal microbial colonization programs the hypothalamic-pituitary-adrenal system for stress response in mice. <i>Journal of Physiology</i> , 2004, 558, 263-275.	1.3	2,024
2	Critical role of gut microbiota in the production of biologically active, free catecholamines in the gut lumen of mice. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 303, G1288-G1295.	1.6	482
3	Mood and gut feelings. <i>Brain, Behavior, and Immunity</i> , 2010, 24, 9-16.	2.0	385
4	Commensal microbiota modulate murine behaviors in a strictly contamination-free environment confirmed by culture-based methods. <i>Neurogastroenterology and Motility</i> , 2013, 25, 521.	1.6	222
5	Gut Dysbiosis in Patients with Anorexia Nervosa. <i>PLoS ONE</i> , 2015, 10, e0145274.	1.1	179
6	Antibiotic use during infancy promotes a shift in the TH1/TH2 balance toward TH2-dominant immunity in mice. <i>Journal of Allergy and Clinical Immunology</i> , 2001, 107, 153-159.	1.5	146
7	Regulation of gut luminal serotonin by commensal microbiota in mice. <i>PLoS ONE</i> , 2017, 12, e0180745.	1.1	145
8	The Effects of Psychological Intervention on Atopic Dermatitis. <i>International Archives of Allergy and Immunology</i> , 2007, 144, 1-9.	0.9	130
9	An oral introduction of intestinal bacteria prevents the development of a long-term Th2-skewed immunological memory induced by neonatal antibiotic treatment in mice. <i>Clinical and Experimental Allergy</i> , 2002, 32, 1112-1116.	1.4	105
10	Microbiome, HPA Axis and Production of Endocrine Hormones in the Gut. <i>Advances in Experimental Medicine and Biology</i> , 2014, 817, 177-194.	0.8	94
11	Restraint stress elevates the plasma interleukin-6 levels in germ-free mice. <i>Journal of Neuroimmunology</i> , 2001, 115, 46-52.	1.1	89
12	Social defeat stress induces hyperthermia through activation of thermoregulatory sympathetic premotor neurons in the medullary raphe region. <i>European Journal of Neuroscience</i> , 2011, 34, 1442-1452.	1.2	83
13	Early-Life Psychological Stress Exacerbates Adult Mouse Asthma via the Hypothalamus-Pituitary-Adrenal Axis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007, 175, 316-322.	2.5	81
14	Alexithymia Is Associated with Greater Risk of Chronic Pain and Negative Affect and with Lower Life Satisfaction in a General Population: The Hisayama Study. <i>PLoS ONE</i> , 2014, 9, e90984.	1.1	79
15	Biogenic Amines: Signals Between Commensal Microbiota and Gut Physiology. <i>Frontiers in Endocrinology</i> , 2019, 10, 504.	1.5	75
16	The Gut Microbiome Derived From Anorexia Nervosa Patients Impairs Weight Gain and Behavioral Performance in Female Mice. <i>Endocrinology</i> , 2019, 160, 2441-2452.	1.4	72
17	Association Between Diabetes and Hippocampal Atrophy in Elderly Japanese: The Hisayama Study. <i>Diabetes Care</i> , 2016, 39, 1543-1549.	4.3	71
18	The restraint stress-induced reduction in lymphocyte cell number in lymphoid organs correlates with the suppression of in vivo antibody production. <i>Journal of Neuroimmunology</i> , 1997, 79, 211-217.	1.1	61

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19	Influence of Maternal Bifidobacteria on the Establishment of Bifidobacteria Colonizing the Gut in Infants. <i>Pediatric Research</i> , 2009, 65, 669-674.	1.1	60
20	The Hepatic Vagus Nerve Attenuates Fas-Induced Apoptosis in the Mouse Liver via $\alpha 7$ Nicotinic Acetylcholine Receptor. <i>Gastroenterology</i> , 2008, 134, 2122-2131.	0.6	57
21	Effect of 12 weeks of yoga training on the somatization, psychological symptoms, and stress-related biomarkers of healthy women. <i>BioPsychoSocial Medicine</i> , 2014, 8, 1.	0.9	56
22	Does stress exacerbate liver diseases?. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2006, 21, 202-208.	1.4	55
23	Profile of mood states and stress-related biochemical indices in long-term yoga practitioners. <i>BioPsychoSocial Medicine</i> , 2011, 5, 6.	0.9	51
24	Age-associated effect of kestose on <i>Faecalibacterium prausnitzii</i> and symptoms in the atopic dermatitis infants. <i>Pediatric Research</i> , 2016, 80, 844-851.	1.1	48
25	QseC inhibition as an antivirulence approach for colitis-associated bacteria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 142-147.	3.3	47
26	Dietary nucleic acids promote a shift in Th1/Th2 balance toward Th1-dominant immunity. <i>Clinical and Experimental Allergy</i> , 2000, 30, 979-987.	1.4	44
27	Dehydroepiandrosterone attenuates the spontaneous elevation of serum IgE level in NC/Nga mice. <i>Immunology Letters</i> , 2001, 79, 177-179.	1.1	41
28	Psychosocial Stress, Personality, and the Severity of Chronic Hepatitis C. <i>Psychosomatics</i> , 2004, 45, 100-106.	2.5	41
29	Electric foot shock stress-induced exacerbation of α -galactosylceramide-triggered apoptosis in mouse liver. <i>Hepatology</i> , 2004, 39, 1131-1140.	3.6	40
30	Role of Microbiome in Regulating the HPA Axis and Its Relevance to Allergy. <i>Chemical Immunology and Allergy</i> , 2012, 98, 163-175.	1.7	40
31	Predictors of successful long-term weight loss maintenance: a two-year follow-up. <i>BioPsychoSocial Medicine</i> , 2017, 11, 14.	0.9	40
32	Social isolation stress exacerbates autoimmune disease in MRL/lpr mice. <i>Journal of Neuroimmunology</i> , 2005, 158, 138-144.	1.1	39
33	Global Catastrophizing vs Catastrophizing Subdomains: Assessment and Associations with Patient Functioning. <i>Pain Medicine</i> , 2012, 13, 677-687.	0.9	39
34	Daily physical complaints and hippocampal function: An fMRI study of pain modulation by anxiety. <i>NeuroImage</i> , 2012, 63, 1011-1019.	2.1	38
35	Distribution of Fos-immunoreactive cells in rat forebrain and midbrain following social defeat stress and diazepam treatment. <i>Neuroscience</i> , 2014, 272, 34-57.	1.1	38
36	The Restraint Stress-Induced Elevation in Plasma Interleukin-6 Negatively Regulates the Plasma TNF- α Level. <i>NeuroImmunoModulation</i> , 1998, 5, 323-327.	0.9	36

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37	Paternal and maternal bonding styles in childhood are associated with the prevalence of chronic pain in a general adult population: the Hisayama Study. <i>BMC Psychiatry</i> , 2015, 15, 181.	1.1	36
38	Social isolation stress impairs passive avoidance learning in senescence-accelerated mouse (SAM). <i>Brain Research</i> , 2006, 1067, 201-208.	1.1	35
39	Fibromyalgia and microglial TNF- α : Translational research using human blood induced microglia-like cells. <i>Scientific Reports</i> , 2017, 7, 11882.	1.6	34
40	Stress and gut microbiota: Does postnatal microbial colonization programs the hypothalamic-pituitary-adrenal system for stress response?. <i>International Congress Series</i> , 2006, 1287, 350-354.	0.2	32
41	The relationship between the age of onset of type 1 diabetes and the subsequent development of a severe eating disorder by female patients. <i>Pediatric Diabetes</i> , 2011, 12, 396-401.	1.2	32
42	Role of gut microbiota in brain function and stress-related pathology. <i>Bioscience of Microbiota, Food and Health</i> , 2019, 38, 75-80.	0.8	32
43	Alexithymia and Chronic Pain. <i>Clinical Journal of Pain</i> , 2013, 29, 354-361.	0.8	31
44	The hepatic sympathetic nerve plays a critical role in preventing Fas induced liver injury in mice. <i>Gut</i> , 2005, 54, 994-1002.	6.1	30
45	The parenting attitudes and the stress of mothers predict the asthmatic severity of their children: a prospective study. <i>BioPsychoSocial Medicine</i> , 2010, 4, 12.	0.9	30
46	Dietary Nucleic Acid and Intestinal Microbiota Synergistically Promote a Shift in the Th1/Th2 Balance toward Th1-Skewed Immunity. <i>International Archives of Allergy and Immunology</i> , 2004, 135, 132-135.	0.9	28
47	Psychological stress contributed to the development of low-grade fever in a patient with chronic fatigue syndrome: a case report. <i>BioPsychoSocial Medicine</i> , 2013, 7, 7.	0.9	28
48	Neural correlates of fear-induced sympathetic response associated with the peripheral temperature change rate. <i>NeuroImage</i> , 2016, 134, 522-531.	2.1	28
49	Isometric yoga improves the fatigue and pain of patients with chronic fatigue syndrome who are resistant to conventional therapy: a randomized, controlled trial. <i>BioPsychoSocial Medicine</i> , 2014, 8, 27.	0.9	27
50	Higher sleep fragmentation predicts a lower magnitude of weight loss in overweight and obese women participating in a weight-loss intervention. <i>Nutrition and Diabetes</i> , 2014, 4, e144-e144.	1.5	26
51	Changes in fatigue, autonomic functions, and blood biomarkers due to sitting isometric yoga in patients with chronic fatigue syndrome. <i>BioPsychoSocial Medicine</i> , 2018, 12, 3.	0.9	25
52	Electric Foot-Shock Stress Drives TNF- α Production in the Liver of IL-6-Deficient Mice. <i>NeuroImmunoModulation</i> , 2004, 11, 419-424.	0.9	23
53	Chrelin activation and neuropeptide Y elevation in response to medium chain triglyceride administration in anorexia nervosa patients. <i>Clinical Nutrition ESPEN</i> , 2017, 17, 100-104.	0.5	23
54	Restraint Stress Causes Tissue-Specific Changes in the Immune Cell Distribution. <i>NeuroImmunoModulation</i> , 1997, 4, 113-119.	0.9	22

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55	Pain Questionnaire Development Focusing on Cross-Cultural Equivalence to the Original Questionnaire: The Japanese Version of the Short-Form McGill Pain Questionnaire. <i>Pain Medicine</i> , 2012, 13, 541-551.	0.9	22
56	Predictors of menstrual resumption by patients with anorexia nervosa. <i>Eating and Weight Disorders</i> , 2010, 15, e226-33.	1.2	20
57	Restraint Stress-Induced Elevation of Endogenous Glucocorticoids Decreases Peyer's Patch Cell Numbers via Mechanisms That Are either Dependent or Independent on Apoptotic Cell Death. <i>NeuroImmunoModulation</i> , 2001, 9, 333-339.	0.9	19
58	Psychological stress impairs hepatic blood flow via central CRF receptors in mice. <i>Life Sciences</i> , 2005, 76, 1707-1712.	2.0	19
59	Prior chronic stress induces persistent poly:C-induced allodynia and depressive-like behavior in rats: Possible involvement of glucocorticoids and microglia. <i>Physiology and Behavior</i> , 2015, 147, 264-273.	1.0	19
60	Relationship between the Body Position-Specific Apnea-Hypopnea Index and Subjective Sleepiness. <i>Respiration</i> , 2009, 78, 185-190.	1.2	18
61	Chronic psychological stress exaggerates the compound 48/80-induced scratching behavior of mice. <i>Pharmacology Biochemistry and Behavior</i> , 2013, 105, 173-176.	1.3	17
62	Predictors of Dropout by Female Obese Patients Treated with a Group Cognitive Behavioral Therapy to Promote Weight Loss. <i>Obesity Facts</i> , 2016, 9, 29-38.	1.6	17
63	Effect of gut microbiota early in life on aggressive behavior in mice. <i>Neuroscience Research</i> , 2021, 168, 95-99.	1.0	16
64	Effects of Weight Loss on Sweet Taste Preference and Palatability following Cognitive Behavioral Therapy for Women with Obesity. <i>Obesity Facts</i> , 2019, 12, 529-542.	1.6	15
65	Perceived inadequate care and excessive overprotection during childhood are associated with greater risk of sleep disturbance in adulthood: the Hisayama Study. <i>BMC Psychiatry</i> , 2016, 16, 215.	1.1	14
66	Vesicular ATP release from hepatocytes plays a role in the progression of nonalcoholic steatohepatitis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021, 1867, 166013.	1.8	14
67	Central and peripheral catecholamines regulate the exercise-induced elevation of plasma interleukin 6 in rats. <i>Life Sciences</i> , 2001, 69, 167-174.	2.0	13
68	Emotional Loneliness Is Associated With a Risk of Dementia in a General Japanese Older Population: The Hisayama Study. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2020, 76, 1756-1766.	2.4	13
69	Parenting style during childhood is associated with the development of chronic pain and a patient's need for psychosomatic treatment in adulthood. <i>Medicine (United States)</i> , 2020, 99, e21230.	0.4	12
70	Dietary delivery of acetate to the colon using acylated starches as a carrier exerts anxiolytic effects in mice. <i>Physiology and Behavior</i> , 2020, 223, 113004.	1.0	12
71	The outcome of Japanese anorexia nervosa patients treated with an inpatient therapy in an internal medicine unit. <i>Eating and Weight Disorders</i> , 2012, 17, e1-8.	1.2	12
72	Family dysfunction. <i>Medicine (United States)</i> , 2016, 95, e5495.	0.4	11

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73	The Relationship between Snoring Sound Intensity and Morning Blood Pressure in Workers. <i>Journal of Clinical Sleep Medicine</i> , 2016, 12, 1601-1606.	1.4	11
74	A Prospective Japanese Study of the Association between Personality and the Progression of Lung Cancer. <i>Internal Medicine</i> , 2006, 45, 57-63.	0.3	10
75	The Hypothalamic-Pituitary-Adrenal Axis and Gut Microbiota. , 2016, , 293-304.		9
76	Factors that predict adherence to continuous positive airway pressure treatment in obstructive sleep apnea patients: A prospective study in Japan. <i>Sleep and Biological Rhythms</i> , 2012, 10, 126-135.	0.5	8
77	Increased Prevalence of Postural Orthostatic Tachycardia Syndrome in Psychogenic Fever Patients. <i>Psychotherapy and Psychosomatics</i> , 2013, 82, 269-270.	4.0	8
78	Changes in circulating microRNA after recumbent isometric yoga practice by patients with myalgic encephalomyelitis/chronic fatigue syndrome: an explorative pilot study. <i>BioPsychoSocial Medicine</i> , 2019, 13, 29.	0.9	8
79	Association between chronic low back pain and regional brain atrophy in a Japanese older population: the Hisayama Study. <i>Pain</i> , 2022, 163, 2185-2193.	2.0	8
80	Lung Cancer, Myocardial Infarction, and the Grossarth-Maticek Personality Types: A Case-control Study in Fukuoka, Japan.. <i>Journal of Epidemiology</i> , 2001, 11, 281-287.	1.1	7
81	The longitudinal BMI pattern and body composition of patients with anorexia nervosa who require urgent hospitalization: A case control study. <i>BioPsychoSocial Medicine</i> , 2011, 5, 14.	0.9	7
82	The outcome of treatment for anorexia nervosa inpatients who required urgent hospitalization. <i>BioPsychoSocial Medicine</i> , 2014, 8, 20.	0.9	7
83	Protective Role of the Hepatic Vagus Nerve against Liver Metastasis in Mice. <i>NeuroImmunoModulation</i> , 2017, 24, 341-347.	0.9	7
84	Physical and psychological aspects of anorexia nervosa based on duration of illness: a cross-sectional study. <i>BioPsychoSocial Medicine</i> , 2019, 13, 32.	0.9	7
85	Do neuroticism and extraversion personality traits influence disease-specific risk factors for mortality from cancer and cardiovascular disease in a Japanese population?. <i>Journal of Psychosomatic Research</i> , 2021, 144, 110422.	1.2	7
86	Dietary tryptophan, tyrosine, and phenylalanine depletion induce reduced food intake and behavioral alterations in mice. <i>Physiology and Behavior</i> , 2022, 244, 113653.	1.0	7
87	Association Between Diabetes and Gray Matter Atrophy Patterns in a General Older Japanese Population: The Hisayama Study. <i>Diabetes Care</i> , 2022, 45, 1364-1371.	4.3	7
88	Endogenous glucocorticoids inhibit scratching behavior induced by the administration of compound 48/80 in mice. <i>European Journal of Pharmacology</i> , 2003, 481, 59-65.	1.7	6
89	Social Disruption Stress Exacerbates Î±-Galactosylceramide-Induced Hepatitis in Mice. <i>NeuroImmunoModulation</i> , 2005, 12, 375-379.	0.9	6
90	Relationship between snoring sound intensity and daytime blood pressure. <i>Sleep and Biological Rhythms</i> , 2010, 8, 245-253.	0.5	6

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91	Role of Gut Microbiota in the Pathophysiology of Stress-Related Disorders: Evidence from Neuroimaging Studies. <i>Annals of Nutrition and Metabolism</i> , 2021, 77, 4-10.	1.0	6
92	Possible role of the gut microbiota in the pathogenesis of anorexia nervosa. <i>BioPsychoSocial Medicine</i> , 2021, 15, 25.	0.9	6
93	Potential impact of the COVID-19 pandemic on Japanese patients with eating disorders -a cross-sectional study. <i>BioPsychoSocial Medicine</i> , 2022, 16, 2.	0.9	6
94	The serotonin-induced elevation of intracellular Ca ²⁺ in human platelets is enhanced by total fasting. <i>Biological Psychiatry</i> , 1997, 41, 618-620.	0.7	5
95	Characteristics of the Orthostatic Cardiovascular Response in Adolescent Patients with Psychogenic Fever. <i>Psychotherapy and Psychosomatics</i> , 2014, 83, 318-319.	4.0	5
96	Very long chain fatty acids are an important marker of nutritional status in patients with anorexia nervosa: a case control study. <i>BioPsychoSocial Medicine</i> , 2020, 14, 14.	0.9	5
97	Metabolomics profile of Japanese female patients with restricting-type anorexia nervosa. <i>Physiology and Behavior</i> , 2021, 228, 113204.	1.0	5
98	Development of a new Japanese version of the Clinical Impairment Assessment Questionnaire. <i>BioPsychoSocial Medicine</i> , 2020, 14, 19.	0.9	4
99	Effectiveness of enhanced cognitive behavior therapy for bulimia nervosa in Japan: a randomized controlled trial protocol. <i>BioPsychoSocial Medicine</i> , 2020, 14, 2.	0.9	4
100	Association of lifestyle factors with osteoporosis and fracture in postmenopausal women: a Japanese cohort study. <i>Menopause</i> , 2021, 28, 1254-1263.	0.8	3
101	Life events, emotional responsiveness, and the functional prognosis of patients with rheumatoid arthritis. <i>BioPsychoSocial Medicine</i> , 2015, 9, 15.	0.9	2
102	Brain-Gut Axis and Gut Microbiota: Possible Role of Gut Microbiota in Childhood Mental Health and Diseases. <i>Journal of Pediatric Biochemistry</i> , 2015, 05, 077-080.	0.2	1
103	Inhibition of emotional needs and emotional wellbeing predict disease progression of chronic hepatitis C patients: an 8-year prospective study. <i>BioPsychoSocial Medicine</i> , 2016, 10, 24.	0.9	1
104	Predictors of objectively measured snoring in a working population. <i>Sleep and Biological Rhythms</i> , 2019, 17, 349-354.	0.5	1
105	Psychometric properties of the fear of food measure in Japanese women. <i>Eating and Weight Disorders</i> , 2021, 26, 2135-2142.	1.2	1
106	The effectiveness of Pictorial Representation of Illness and Self Measure (PRISM) for the assessment of the suffering and quality of interpersonal relationships of patients with chronic pain. <i>BioPsychoSocial Medicine</i> , 2021, 15, 22.	0.9	1
107	Three cases of appendicitis with anorexia nervosa under inpatient care. <i>Journal of Eating Disorders</i> , 2015, 3, 38.	1.3	0
108	Somatic symptom disorder. <i>The Journal of the Japanese Society of Internal Medicine</i> , 2018, 107, 1558-1565.	0.0	0

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109	Psychological Traits of Patients With Depression Comorbid With Chronic Pain: Are Complaint and Competitive Tendency Related to Pain?. <i>Frontiers in Psychiatry</i> , 2022, 13, 825422.	1.3	0