

# Nobuyuki Sudo

## List of Publications by Citations

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107  
papers

4,717  
citations

33  
h-index

67  
g-index

119  
ext. papers

5,563  
ext. citations

4.2  
avg, IF

5.5  
L-index

#	Paper	IF	Citations
107	Postnatal microbial colonization programs the hypothalamic-pituitary-adrenal system for stress response in mice. <i>Journal of Physiology</i> , <b>2004</b> , 558, 263-75	3.9	1517
106	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> , <b>2012</b> , 303, G1288-95	5.1	348
105	Mood and gut feelings. <i>Brain, Behavior, and Immunity</i> , <b>2010</b> , 24, 9-16	16.6	291
104	Commensal microbiota modulate murine behaviors in a strictly contamination-free environment confirmed by culture-based methods. <i>Neurogastroenterology and Motility</i> , <b>2013</b> , 25, 521-8	4	172
103	Antibiotic use during infancy promotes a shift in the T(H)1/T(H)2 balance toward T(H)2-dominant immunity in mice. <i>Journal of Allergy and Clinical Immunology</i> , <b>2001</b> , 107, 153-9	11.5	124
102	Gut Dysbiosis in Patients with Anorexia Nervosa. <i>PLoS ONE</i> , <b>2015</b> , 10, e0145274	3.7	119
101	The effects of psychological intervention on atopic dermatitis. A systematic review and meta-analysis. <i>International Archives of Allergy and Immunology</i> , <b>2007</b> , 144, 1-9	3.7	101
100	Regulation of gut luminal serotonin by commensal microbiota in mice. <i>PLoS ONE</i> , <b>2017</b> , 12, e0180745	3.7	100
99	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> , <b>2002</b> , 32, 1112-6	4.1	89
98	Restraint stress elevates the plasma interleukin-6 levels in germ-free mice. <i>Journal of Neuroimmunology</i> , <b>2001</b> , 115, 46-52	3.5	80
97	Early-life psychological stress exacerbates adult mouse asthma via the hypothalamus-pituitary-adrenal axis. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2007</b> , 175, 316-22	10.2	71
96	Social defeat stress induces hyperthermia through activation of thermoregulatory sympathetic premotor neurons in the medullary raphe region. <i>European Journal of Neuroscience</i> , <b>2011</b> , 34, 1442-52	3.5	65
95	Microbiome, HPA axis and production of endocrine hormones in the gut. <i>Advances in Experimental Medicine and Biology</i> , <b>2014</b> , 817, 177-94	3.6	63
94	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> , <b>2014</b> , 9, e90984	3.7	58
93	Influence of maternal bifidobacteria on the establishment of bifidobacteria colonizing the gut in infants. <i>Pediatric Research</i> , <b>2009</b> , 65, 669-74	3.2	54
92	The hepatic vagus nerve attenuates Fas-induced apoptosis in the mouse liver via alpha7 nicotinic acetylcholine receptor. <i>Gastroenterology</i> , <b>2008</b> , 134, 2122-31	13.3	51
91	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> , <b>1997</b> , 79, 211-7	3.5	49

90	Association Between Diabetes and Hippocampal Atrophy in Elderly Japanese: The Hisayama Study. <i>Diabetes Care</i> , <b>2016</b> , 39, 1543-9	14.6	45
89	Biogenic Amines: Signals Between Commensal Microbiota and Gut Physiology. <i>Frontiers in Endocrinology</i> , <b>2019</b> , 10, 504	5.7	43
88	Profile of mood states and stress-related biochemical indices in long-term yoga practitioners. <i>BioPsychoSocial Medicine</i> , <b>2011</b> , 5, 6	2.8	42
87	The Gut Microbiome Derived From Anorexia Nervosa Patients Impairs Weight Gain and Behavioral Performance in Female Mice. <i>Endocrinology</i> , <b>2019</b> , 160, 2441-2452	4.8	41
86	Does stress exacerbate liver diseases?. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , <b>2006</b> , 21, 202-8	4	40
85	Dietary nucleic acids promote a shift in Th1/Th2 balance toward Th1-dominant immunity. <i>Clinical and Experimental Allergy</i> , <b>2000</b> , 30, 979-87	4.1	38
84	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> , <b>2017</b> , 114, 142-147	11.5	36
83	Social isolation stress exacerbates autoimmune disease in MRL/lpr mice. <i>Journal of Neuroimmunology</i> , <b>2005</b> , 158, 138-44	3.5	36
82	Dehydroepiandrosterone attenuates the spontaneous elevation of serum IgE level in NC/Nga mice. <i>Immunology Letters</i> , <b>2001</b> , 79, 177-9	4.1	36
81	Effect of 12 weeks of yoga training on the somatization, psychological symptoms, and stress-related biomarkers of healthy women. <i>BioPsychoSocial Medicine</i> , <b>2014</b> , 8, 1	2.8	35
80	Role of microbiome in regulating the HPA axis and its relevance to allergy. <i>Chemical Immunology and Allergy</i> , <b>2012</b> , 98, 163-75		35
79	Electric foot shock stress-induced exacerbation of alpha-galactosylceramide-triggered apoptosis in mouse liver. <i>Hepatology</i> , <b>2004</b> , 39, 1131-40	11.2	35
78	Age-associated effect of kestose on Faecalibacterium prausnitzii and symptoms in the atopic dermatitis infants. <i>Pediatric Research</i> , <b>2016</b> , 80, 844-851	3.2	34
77	Psychosocial stress, personality, and the severity of chronic hepatitis C. <i>Psychosomatics</i> , <b>2004</b> , 45, 100-6	2.6	34
76	The restraint stress-induced elevation in plasma interleukin-6 negatively regulates the plasma TNF-alpha level. <i>NeuroImmunoModulation</i> , <b>1998</b> , 5, 323-7	2.5	34
75	Daily physical complaints and hippocampal function: an fMRI study of pain modulation by anxiety. <i>NeuroImage</i> , <b>2012</b> , 63, 1011-9	7.9	33
74	Social isolation stress impairs passive avoidance learning in senescence-accelerated mouse (SAM). <i>Brain Research</i> , <b>2006</b> , 1067, 201-8	3.7	33
73	Distribution of Fos-immunoreactive cells in rat forebrain and midbrain following social defeat stress and diazepam treatment. <i>Neuroscience</i> , <b>2014</b> , 272, 34-57	3.9	29

72	Predictors of successful long-term weight loss maintenance: a two-year follow-up. <i>BioPsychoSocial Medicine</i> , <b>2017</b> , 11, 14	2.8	27
71	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> , <b>2004</b> , 135, 132-5	3.7	27
70	Global catastrophizing vs catastrophizing subdomains: assessment and associations with patient functioning. <i>Pain Medicine</i> , <b>2012</b> , 13, 677-87	2.8	26
69	Alexithymia and chronic pain: the role of negative affectivity. <i>Clinical Journal of Pain</i> , <b>2013</b> , 29, 354-61	3.5	26
68	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> , <b>2011</b> , 12, 396-401	3.6	25
67	Stress and gut microbiota: Does postnatal microbial colonization programs the hypothalamic-pituitary-adrenal system for stress response?. <i>International Congress Series</i> , <b>2006</b> , 1287, 350-354		24
66	The parenting attitudes and the stress of mothers predict the asthmatic severity of their children: a prospective study. <i>BioPsychoSocial Medicine</i> , <b>2010</b> , 4, 12	2.8	23
65	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> , <b>2015</b> , 15, 181	4.2	22
64	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> , <b>2014</b> , 8, 27	2.8	21
63	Restraint stress causes tissue-specific changes in the immune cell distribution. <i>NeuroImmunoModulation</i> , <b>1997</b> , 4, 113-9	2.5	21
62	Changes in fatigue, autonomic functions, and blood biomarkers due to sitting isometric yoga in patients with chronic fatigue syndrome. <i>BioPsychoSocial Medicine</i> , <b>2018</b> , 12, 3	2.8	20
61	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> , <b>2014</b> , 4, e144	4.7	20
60	Electric foot-shock stress drives TNF-alpha production in the liver of IL-6-deficient mice. <i>NeuroImmunoModulation</i> , <b>2004</b> , 11, 419-24	2.5	20
59	Psychological stress contributed to the development of low-grade fever in a patient with chronic fatigue syndrome: a case report. <i>BioPsychoSocial Medicine</i> , <b>2013</b> , 7, 7	2.8	19
58	Role of gut microbiota in brain function and stress-related pathology. <i>Bioscience of Microbiota, Food and Health</i> , <b>2019</b> , 38, 75-80	3.2	18
57	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> , <b>2012</b> , 13, 541-51	2.8	18
56	Prior chronic stress induces persistent polyI:C-induced allodynia and depressive-like behavior in rats: Possible involvement of glucocorticoids and microglia. <i>Physiology and Behavior</i> , <b>2015</b> , 147, 264-73	3.5	18
55	The hepatic sympathetic nerve plays a critical role in preventing Fas induced liver injury in mice. <i>Gut</i> , <b>2005</b> , 54, 994-1002	19.2	18

54	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> , <b>2001</b> , 9, 333-9	2.5	18
53	Predictors of menstrual resumption by patients with anorexia nervosa. <i>Eating and Weight Disorders</i> , <b>2010</b> , 15, e226-33	3.6	18
52	Fibromyalgia and microglial TNF- $\beta$ Translational research using human blood induced microglia-like cells. <i>Scientific Reports</i> , <b>2017</b> , 7, 11882	4.9	16
51	Ghrelin activation and neuropeptide Y elevation in response to medium chain triglyceride administration in anorexia nervosa patients. <i>Clinical Nutrition ESPEN</i> , <b>2017</b> , 17, 100-104	1.3	15
50	Neural correlates of fear-induced sympathetic response associated with the peripheral temperature change rate. <i>NeuroImage</i> , <b>2016</b> , 134, 522-531	7.9	15
49	Chronic psychological stress exaggerates the compound 48/80-induced scratching behavior of mice. <i>Pharmacology Biochemistry and Behavior</i> , <b>2013</b> , 105, 173-6	3.9	13
48	Relationship between the body position-specific apnea-hypopnea index and subjective sleepiness. <i>Respiration</i> , <b>2009</b> , 78, 185-90	3.7	13
47	Psychological stress impairs hepatic blood flow via central CRF receptors in mice. <i>Life Sciences</i> , <b>2005</b> , 76, 1707-12	6.8	13
46	The outcome of Japanese anorexia nervosa patients treated with an inpatient therapy in an internal medicine unit. <i>Eating and Weight Disorders</i> , <b>2012</b> , 17, e1-8	3.6	11
45	Central and peripheral catecholamines regulate the exercise-induced elevation of plasma interleukin 6 in rats. <i>Life Sciences</i> , <b>2001</b> , 69, 167-74	6.8	10
44	Predictors of Dropout by Female Obese Patients Treated with a Group Cognitive Behavioral Therapy to Promote Weight Loss. <i>Obesity Facts</i> , <b>2016</b> , 9, 29-38	5.1	10
43	A prospective Japanese study of the association between personality and the progression of lung cancer. <i>Internal Medicine</i> , <b>2006</b> , 45, 57-63	1.1	9
42	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> , <b>2016</b> , 16, 215	4.2	9
41	Family dysfunction: A comparison of chronic widespread pain and chronic localized pain. <i>Medicine (United States)</i> , <b>2016</b> , 95, e5495	1.8	8
40	Effects of Weight Loss on Sweet Taste Preference and Palatability following Cognitive Behavioral Therapy for Women with Obesity. <i>Obesity Facts</i> , <b>2019</b> , 12, 529-542	5.1	7
39	Lung cancer, myocardial infarction, and the Grossarth-Maticek personality types: a case-control study in Fukuoka, Japan. <i>Journal of Epidemiology</i> , <b>2001</b> , 11, 281-7	3.4	7
38	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> , <b>2019</b> , 13, 29	2.8	7
37	Vesicular ATP release from hepatocytes plays a role in the progression of nonalcoholic steatohepatitis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2021</b> , 1867, 166013	6.9	7

36	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> , <b>2012</b> , 10, 126-135	1.3	6
35	Increased prevalence of postural orthostatic tachycardia syndrome in psychogenic fever patients. <i>Psychotherapy and Psychosomatics</i> , <b>2013</b> , 82, 269-70	9.4	6
34	Social disruption stress exacerbates alpha-galactosylceramide-induced hepatitis in mice. <i>NeuroImmunoModulation</i> , <b>2005</b> , 12, 375-9	2.5	6
33	Effect of gut microbiota early in life on aggressive behavior in mice. <i>Neuroscience Research</i> , <b>2021</b> , 168, 95-99	2.9	6
32	Dietary delivery of acetate to the colon using acylated starches as a carrier exerts anxiolytic effects in mice. <i>Physiology and Behavior</i> , <b>2020</b> , 223, 113004	3.5	5
31	The outcome of treatment for anorexia nervosa inpatients who required urgent hospitalization. <i>BioPsychoSocial Medicine</i> , <b>2014</b> , 8, 20	2.8	5
30	The longitudinal BMI pattern and body composition of patients with anorexia nervosa who require urgent hospitalization: A case control study. <i>BioPsychoSocial Medicine</i> , <b>2011</b> , 5, 14	2.8	5
29	The serotonin-induced elevation of intracellular Ca <sup>2+</sup> in human platelets is enhanced by total fasting. <i>Biological Psychiatry</i> , <b>1997</b> , 41, 618-20	7.9	5
28	Endogenous glucocorticoids inhibit scratching behavior induced by the administration of compound 48/80 in mice. <i>European Journal of Pharmacology</i> , <b>2003</b> , 481, 59-65	5.3	5
27	The Relationship between Snoring Sound Intensity and Morning Blood Pressure in Workers. <i>Journal of Clinical Sleep Medicine</i> , <b>2016</b> , 12, 1601-1606	3.1	5
26	The Hypothalamic-Pituitary-Adrenal Axis and Gut Microbiota: A Target for Dietary Intervention? <b>2016</b> , 293-304		5
25	Characteristics of the orthostatic cardiovascular response in adolescent patients with psychogenic fever. <i>Psychotherapy and Psychosomatics</i> , <b>2014</b> , 83, 318-9	9.4	4
24	Parenting style during childhood is associated with the development of chronic pain and a patient's need for psychosomatic treatment in adulthood: A case-control study. <i>Medicine (United States)</i> , <b>2020</b> , 99, e21230	1.8	4
23	Physical and psychological aspects of anorexia nervosa based on duration of illness: a cross-sectional study. <i>BioPsychoSocial Medicine</i> , <b>2019</b> , 13, 32	2.8	4
22	Protective Role of the Hepatic Vagus Nerve against Liver Metastasis in Mice. <i>NeuroImmunoModulation</i> , <b>2017</b> , 24, 341-347	2.5	3
21	Relationship between snoring sound intensity and daytime blood pressure. <i>Sleep and Biological Rhythms</i> , <b>2010</b> , 8, 245-253	1.3	3
20	Development of a new Japanese version of the Clinical Impairment Assessment Questionnaire. <i>BioPsychoSocial Medicine</i> , <b>2020</b> , 14, 19	2.8	3
19	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> , <b>2021</b> , 144, 110422	4.1	3

18	Role of Gut Microbiota in the Pathophysiology of Stress-Related Disorders: Evidence from Neuroimaging Studies. <i>Annals of Nutrition and Metabolism</i> , <b>2021</b> , 77 Suppl 2, 4-10	4.5	3
17	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> , <b>2021</b> , 76, 1756-1766	4.6	2
16	Metabolomics profile of Japanese female patients with restricting-type anorexia nervosa. <i>Physiology and Behavior</i> , <b>2021</b> , 228, 113204	3.5	2
15	Predictors of objectively measured snoring in a working population. <i>Sleep and Biological Rhythms</i> , <b>2019</b> , 17, 349-354	1.3	1
14	Effectiveness of enhanced cognitive behavior therapy for bulimia nervosa in Japan: a randomized controlled trial protocol. <i>BioPsychoSocial Medicine</i> , <b>2020</b> , 14, 2	2.8	1
13	Inhibition of emotional needs and emotional wellbeing predict disease progression of chronic hepatitis C patients: an 8-year prospective study. <i>BioPsychoSocial Medicine</i> , <b>2016</b> , 10, 24	2.8	1
12	Brain-Gut Axis and Gut Microbiota: Possible Role of Gut Microbiota in Childhood Mental Health and Diseases. <i>Journal of Pediatric Biochemistry</i> , <b>2015</b> , 05, 077-080		1
11	Dietary tryptophan, tyrosine, and phenylalanine depletion induce reduced food intake and behavioral alterations in mice. <i>Physiology and Behavior</i> , <b>2021</b> , 244, 113653	3.5	1
10	Possible role of the gut microbiota in the pathogenesis of anorexia nervosa. <i>BioPsychoSocial Medicine</i> , <b>2021</b> , 15, 25	2.8	1
9	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> , <b>2020</b> , 14, 14	2.8	1
8	Life events, emotional responsiveness, and the functional prognosis of patients with rheumatoid arthritis. <i>BioPsychoSocial Medicine</i> , <b>2015</b> , 9, 15	2.8	0
7	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> , <b>2021</b> , 15, 22	2.8	0
6	Potential impact of the COVID-19 pandemic on Japanese patients with eating disorders -a cross-sectional study.. <i>BioPsychoSocial Medicine</i> , <b>2022</b> , 16, 2	2.8	0
5	Association of lifestyle factors with osteoporosis and fracture in postmenopausal women: a Japanese cohort study. <i>Menopause</i> , <b>2021</b> , 28, 1254-1263	2.5	0
4	Three cases of appendicitis with anorexia nervosa under inpatient care. <i>Journal of Eating Disorders</i> , <b>2015</b> , 3, 38	4.1	
3	Psychological Traits of Patients With Depression Comorbid With Chronic Pain: Are Complaint and Competitive Tendency Related to Pain?. <i>Frontiers in Psychiatry</i> , <b>2022</b> , 13, 825422	5	
2	Somatic symptom disorder. <i>The Journal of the Japanese Society of Internal Medicine</i> , <b>2018</b> , 107, 1558-1565		
1	Psychometric properties of the fear of food measure in Japanese women. <i>Eating and Weight Disorders</i> , <b>2021</b> , 26, 2135-2142	3.6	

