# Nobuyuki Sudo

List of Publications by Year
in descending order

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Version: 2024-02-01

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|---|---|---|---|
| 109 papers | 6,343 citations | 109321 35 h-index | 69250 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. Journal of Physiology, 2004, 558, 263-275. | 2.9 | 2,024 |
| 2 | Critical role of gut microbiota in the production of biologically active, free catecholamines in the gut lumen of mice. American Journal of Physiology - Renal Physiology, 2012, 303, G1288-G1295. | 3.4 | 482 |
| 3 | Mood and gut feelings. Brain, Behavior, and Immunity, 2010, 24, 9-16. | 4.1 | 385 |
| 4 | Commensal microbiota modulate murine behaviors in a strictly contaminationâ€free environment confirmed by cultureâ€based methods. Neurogastroenterology and Motility, 2013, 25, 521. | 3.0 | 222 |
| 5 | Gut Dysbiosis in Patients with Anorexia Nervosa. PLoS ONE, 2015, 10, e0145274. | 2.5 | 179 |
| 6 | Antibiotic use during infancy promotes a shift in the TH1/TH2 balance toward TH2-dominant immunity in mice. Journal of Allergy and Clinical Immunology, 2001, 107, 153-159. | 2.9 | 146 |
| 7 | Regulation of gut luminal serotonin by commensal microbiota in mice. PLoS ONE, 2017, 12, e0180745. | 2.5 | 145 |
| 8 | The Effects of Psychological Intervention on Atopic Dermatitis. International Archives of Allergy and Immunology, 2007, 144, 1-9. | 2.1 | 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. Clinical and Experimental Allergy, 2002, 32, 1112-1116. | 2.9 | 105 |
| 10 | Microbiome, HPA Axis and Production of Endocrine Hormones in the Gut. Advances in Experimental Medicine and Biology, 2014, 817, 177-194. | 1.6 | 94 |
| 11 | Restraint stress elevates the plasma interleukin-6 levels in germ-free mice. Journal of Neuroimmunology, 2001, 115, 46-52. | 2.3 | 89 |
| 12 | Social defeat stress induces hyperthermia through activation of thermoregulatory sympathetic premotor neurons in the medullary raphe region. European Journal of Neuroscience, 2011, 34, 1442-1452. | 2.6 | 83 |
| 13 | Early-Life Psychological Stress Exacerbates Adult Mouse Asthma via the Hypothalamusâ€“Pituitaryâ€“Adrenal Axis. American Journal of Respiratory and Critical Care Medicine, 2007, 175, 316-322. | 5.6 | 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. PLoS ONE, 2014, 9, e90984. | 2.5 | 79 |
| 15 | Biogenic Amines: Signals Between Commensal Microbiota and Gut Physiology. Frontiers in Endocrinology, 2019, 10, 504. | 3.5 | 75 |
| 16 | The Gut Microbiome Derived From Anorexia Nervosa Patients Impairs Weight Gain and Behavioral Performance in Female Mice. Endocrinology, 2019, 160, 2441-2452. | 2.8 | 72 |
| 17 | Association Between Diabetes and Hippocampal Atrophy in Elderly Japanese: The Hisayama Study. Diabetes Care, 2016, 39, 1543-1549. | 8.6 | 71 |
| 18 | The restraint stress-induced reduction in lymphocyte cell number in lymphoid organs correlates with the suppression of in vivo antibody production. Journal of Neuroimmunology, 1997, 79, 211-217. | 2.3 | 61 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Influence of Maternal Bifidobacteria on the Establishment of Bifidobacteria Colonizing the Gut in Infants. Pediatric Research, 2009, 65, 669-674. | 2.3 | 60 |
| 20 | The Hepatic Vagus Nerve Attenuates Fas-Induced Apoptosis in the Mouse Liver via Î±7 Nicotinic Acetylcholine Receptor. Gastroenterology, 2008, 134, 2122-2131. | 1.3 | 57 |
| 21 | Effect of 12 weeks of yoga training on the somatization, psychological symptoms, and stress-related biomarkers of healthy women. BioPsychoSocial Medicine, 2014, 8, 1. | 2.1 | 56 |
| 22 | Does stress exacerbate liver diseases?. Journal of Gastroenterology and Hepatology (Australia), 2006, 21, 202-208. | 2.8 | 55 |
| 23 | Profile of mood states and stress-related biochemical indices in long-term yoga practitioners. BioPsychoSocial Medicine, 2011, 5, 6. | 2.1 | 51 |
| 24 | Age-associated effect of kestose on Faecalibacterium prausnitzii and symptoms in the atopic dermatitis infants. Pediatric Research, 2016, 80, 844-851. | 2.3 | 48 |
| 25 | QseC inhibition as an antivirulence approach for colitis-associated bacteria. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 142-147. | 7.1 | 47 |
| 26 | Dietary nucleic acids promote a shift in Th1/Th2 balance toward Th1-dominant immunity. Clinical and Experimental Allergy, 2000, 30, 979-987. | 2.9 | 44 |
| 27 | Dehydroepiandrosterone attenuates the spontaneous elevation of serum IgE level in NC/Nga mice. Immunology Letters, 2001, 79, 177-179. | 2.5 | 41 |
| 28 | Psychosocial Stress, Personality, and the Severity of Chronic Hepatitis C. Psychosomatics, 2004, 45, 100-106. | 2.5 | 41 |
| 29 | Electric foot shock stress-induced exacerbation of Î±-galactosylceramide-triggered apoptosis in mouse liver. Hepatology, 2004, 39, 1131-1140. | 7.3 | 40 |
| 30 | Role of Microbiome in Regulating the HPA Axis and Its Relevance to Allergy. Chemical Immunology and Allergy, 2012, 98, 163-175. | 1.7 | 40 |
| 31 | Predictors of successful long-term weight loss maintenance: a two-year follow-up. BioPsychoSocial Medicine, 2017, 11, 14. | 2.1 | 40 |
| 32 | Social isolation stress exacerbates autoimmune disease in MRL/lpr mice. Journal of Neuroimmunology, 2005, 158, 138-144. | 2.3 | 39 |
| 33 | Global Catastrophizing vs Catastrophizing Subdomains: Assessment and Associations with Patient Functioning. Pain Medicine, 2012, 13, 677-687. | 1.9 | 39 |
| 34 | Daily physical complaints and hippocampal function: An fMRI study of pain modulation by anxiety. NeuroImage, 2012, 63, 1011-1019. | 4.2 | 38 |
| 35 | Distribution of Fos-immunoreactive cells in rat forebrain and midbrain following social defeat stress and diazepam treatment. Neuroscience, 2014, 272, 34-57. | 2.3 | 38 |
| 36 | The Restraint Stress-Induced Elevation in Plasma Interleukin-6 Negatively Regulates the Plasma TNF-Î± Level. NeuroImmunoModulation, 1998, 5, 323-327. | 1.8 | 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. BMC Psychiatry, 2015, 15, 181. | 2.6 | 36 |
| 38 | Social isolation stress impairs passive avoidance learning in senescence-accelerated mouse (SAM). Brain Research, 2006, 1067, 201-208. | 2.2 | 35 |
| 39 | Fibromyalgia and microglial TNF-Î±: Translational research using human blood induced microglia-like cells. Scientific Reports, 2017, 7, 11882. | 3.3 | 34 |
| 40 | Stress and gut microbiota: Does postnatal microbial colonization programs the hypothalamic-pituitary-adrenal system for stress response?. International Congress Series, 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. Pediatric Diabetes, 2011, 12, 396-401. | 2.9 | 32 |
| 42 | Role of gut microbiota in brain function and stress-related pathology. Bioscience of Microbiota, Food and Health, 2019, 38, 75-80. | 1.8 | 32 |
| 43 | Alexithymia and Chronic Pain. Clinical Journal of Pain, 2013, 29, 354-361. | 1.9 | 31 |
| 44 | The hepatic sympathetic nerve plays a critical role in preventing Fas induced liver injury in mice. Gut, 2005, 54, 994-1002. | 12.1 | 30 |
| 45 | The parenting attitudes and the stress of mothers predict the asthmatic severity of their children: a prospective study. BioPsychoSocial Medicine, 2010, 4, 12. | 2.1 | 30 |
| 46 | Dietary Nucleic Acid and Intestinal Microbiota Synergistically Promote a Shift in the Th1/Th2 Balance toward Th1-Skewed Immunity. International Archives of Allergy and Immunology, 2004, 135, 132-135. | 2.1 | 28 |
| 47 | Psychological stress contributed to the development of low-grade fever in a patient with chronic fatigue syndrome: a case report. BioPsychoSocial Medicine, 2013, 7, 7. | 2.1 | 28 |
| 48 | Neural correlates of fear-induced sympathetic response associated with the peripheral temperature change rate. NeuroImage, 2016, 134, 522-531. | 4.2 | 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. BioPsychoSocial Medicine, 2014, 8, 27. | 2.1 | 27 |
| 50 | Higher sleep fragmentation predicts a lower magnitude of weight loss in overweight and obese women participating in a weight-loss intervention. Nutrition and Diabetes, 2014, 4, e144-e144. | 3.2 | 26 |
| 51 | Changes in fatigue, autonomic functions, and blood biomarkers due to sitting isometric yoga in patients with chronic fatigue syndrome. BioPsychoSocial Medicine, 2018, 12, 3. | 2.1 | 25 |
| 52 | Electric Foot-Shock Stress Drives TNF-Î± Production in the Liver of IL-6-Deficient Mice. NeuroImmunoModulation, 2004, 11, 419-424. | 1.8 | 23 |
| 53 | Ghrelin activation and neuropeptide Y elevation in response to medium chain triglyceride administration in anorexia nervosa patients. Clinical Nutrition ESPEN, 2017, 17, 100-104. | 1.2 | 23 |
| 54 | Restraint Stress Causes Tissue-Specific Changes in the Immune Cell Distribution. NeuroImmunoModulation, 1997, 4, 113-119. | 1.8 | 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. Pain Medicine, 2012, 13, 541-551. | 1.9 | 22 |
| 56 | Predictors of menstrual resumption by patients with anorexia nervosa. Eating and Weight Disorders, 2010, 15, e226-33. | 2.5 | 20 |
| 57 | Restraint Stress-Induced Elevation of Endogenous Glucocorticoids Decreases Peyerâ€™s Patch Cell Numbers via Mechanisms That Are either Dependent or Independent on Apoptotic Cell Death. NeuroImmunoModulation, 2001, 9, 333-339. | 1.8 | 19 |
| 58 | Psychological stress impairs hepatic blood flow via central CRF receptors in mice. Life Sciences, 2005, 76, 1707-1712. | 4.3 | 19 |
| 59 | Prior chronic stress induces persistent polyI:C-induced allodynia and depressive-like behavior in rats: Possible involvement of glucocorticoids and microglia. Physiology and Behavior, 2015, 147, 264-273. | 2.1 | 19 |
| 60 | Relationship between the Body Position-Specific Apnea-Hypopnea Index and Subjective Sleepiness. Respiration, 2009, 78, 185-190. | 2.6 | 18 |
| 61 | Chronic psychological stress exaggerates the compound 48/80-induced scratching behavior of mice. Pharmacology Biochemistry and Behavior, 2013, 105, 173-176. | 2.9 | 17 |
| 62 | Predictors of Dropout by Female Obese Patients Treated with a Group Cognitive Behavioral Therapy to Promote Weight Loss. Obesity Facts, 2016, 9, 29-38. | 3.4 | 17 |
| 63 | Effect of gut microbiota early in life on aggressive behavior in mice. Neuroscience Research, 2021, 168, 95-99. | 1.9 | 16 |
| 64 | Effects of Weight Loss on Sweet Taste Preference and Palatability following Cognitive Behavioral Therapy for Women with Obesity. Obesity Facts, 2019, 12, 529-542. | 3.4 | 15 |
| 65 | Perceived inadequate care and excessive overprotection during childhood are associated with greater risk of sleep disturbance in adulthood: the Hisayama Study. BMC Psychiatry, 2016, 16, 215. | 2.6 | 14 |
| 66 | Vesicular ATP release from hepatocytes plays a role in the progression of nonalcoholic steatohepatitis. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2021, 1867, 166013. | 3.8 | 14 |
| 67 | Central and peripheral catecholamines regulate the exercise-induced elevation of plasma interleukin 6 in rats. Life Sciences, 2001, 69, 167-174. | 4.3 | 13 |
| 68 | Emotional Loneliness Is Associated With a Risk of Dementia in a General Japanese Older Population: The Hisayama Study. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2020, 76, 1756-1766. | 3.9 | 13 |
| 69 | Parenting style during childhood is associated with the development of chronic pain and a patient's need for psychosomatic treatment in adulthood. Medicine (United States), 2020, 99, e21230. | 1.0 | 12 |
| 70 | Dietary delivery of acetate to the colon using acylated starches as a carrier exerts anxiolytic effects in mice. Physiology and Behavior, 2020, 223, 113004. | 2.1 | 12 |
| 71 | The outcome of Japanese anorexia nervosa patients treated with an inpatient therapy in an internal medicine unit. Eating and Weight Disorders, 2012, 17, e1-8. | 2.5 | 12 |
| 72 | Family dysfunction. Medicine (United States), 2016, 95, e5495. | 1.0 | 11 |

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|---|---|---|---|
| 73 | The Relationship between Snoring Sound Intensity and Morning Blood Pressure in Workers. Journal of Clinical Sleep Medicine, 2016, 12, 1601-1606. | 2.6 | 11 |
| 74 | A Prospective Japanese Study of the Association between Personality and the Progression of Lung Cancer. Internal Medicine, 2006, 45, 57-63. | 0.7 | 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. Sleep and Biological Rhythms, 2012, 10, 126-135. | 1.0 | 8 |
| 77 | Increased Prevalence of Postural Orthostatic Tachycardia Syndrome in Psychogenic Fever Patients. Psychotherapy and Psychosomatics, 2013, 82, 269-270. | 8.8 | 8 |
| 78 | Changes in circulating microRNA after recumbent isometric yoga practice by patients with myalgic encephalomyelitis/chronic fatigue syndrome: an explorative pilot study. BioPsychoSocial Medicine, 2019, 13, 29. | 2.1 | 8 |
| 79 | Association between chronic low back pain and regional brain atrophy in a Japanese older population: the Hisayama Study. Pain, 2022, 163, 2185-2193. | 4.2 | 8 |
| 80 | Lung Cancer, Myocardial Infarction, and the Grossarth-Maticek Personality Types: A Case-control Study in Fukuoka, Japan.. Journal of Epidemiology, 2001, 11, 281-287. | 2.4 | 7 |
| 81 | The longitudinal BMI pattern and body composition of patients with anorexia nervosa who require urgent hospitalization: A case control study. BioPsychoSocial Medicine, 2011, 5, 14. | 2.1 | 7 |
| 82 | The outcome of treatment for anorexia nervosa inpatients who required urgent hospitalization. BioPsychoSocial Medicine, 2014, 8, 20. | 2.1 | 7 |
| 83 | Protective Role of the Hepatic Vagus Nerve against Liver Metastasis in Mice. NeuroImmunoModulation, 2017, 24, 341-347. | 1.8 | 7 |
| 84 | Physical and psychological aspects of anorexia nervosa based on duration of illness: a cross-sectional study. BioPsychoSocial Medicine, 2019, 13, 32. | 2.1 | 7 |
| 85 | Do neuroticism and extraversion personality traits influence disease-specific risk factors for mortality from cancer and cardiovascular disease in a Japanese population?. Journal of Psychosomatic Research, 2021, 144, 110422. | 2.6 | 7 |
| 86 | Dietary tryptophan, tyrosine, and phenylalanine depletion induce reduced food intake and behavioral alterations in mice. Physiology and Behavior, 2022, 244, 113653. | 2.1 | 7 |
| 87 | Association Between Diabetes and Gray Matter Atrophy Patterns in a General Older Japanese Population: The Hisayama Study. Diabetes Care, 2022, 45, 1364-1371. | 8.6 | 7 |
| 88 | Endogenous glucocorticoids inhibit scratching behavior induced by the administration of compound 48/80 in mice. European Journal of Pharmacology, 2003, 481, 59-65. | 3.5 | 6 |
| 89 | Social Disruption Stress Exacerbates Î±-Galactosylceramide-Induced Hepatitis in Mice. NeuroImmunoModulation, 2005, 12, 375-379. | 1.8 | 6 |
| 90 | Relationship between snoring sound intensity and daytime blood pressure. Sleep and Biological Rhythms, 2010, 8, 245-253. | 1.0 | 6 |

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|---|---|---|---|
| 91 | Role of Gut Microbiota in the Pathophysiology of Stress-Related Disorders: Evidence from Neuroimaging Studies. Annals of Nutrition and Metabolism, 2021, 77, 4-10. | 1.9 | 6 |
| 92 | Possible role of the gut microbiota in the pathogenesis of anorexia nervosa. BioPsychoSocial Medicine, 2021, 15, 25. | 2.1 | 6 |
| 93 | Potential impact of the COVID-19 pandemic on japanese patients with eating disorders -a cross-sectional study. BioPsychoSocial Medicine, 2022, 16, 2. | 2.1 | 6 |
| 94 | The serotonin-induced elevation of intracellular ca2+ in human platelets is enhanced by total fasting. Biological Psychiatry, 1997, 41, 618-620. | 1.3 | 5 |
| 95 | Characteristics of the Orthostatic Cardiovascular Response in Adolescent Patients with Psychogenic Fever. Psychotherapy and Psychosomatics, 2014, 83, 318-319. | 8.8 | 5 |
| 96 | Very long chain fatty acids are an important marker of nutritional status in patients with anorexia nervosa: a case control study. BioPsychoSocial Medicine, 2020, 14, 14. | 2.1 | 5 |
| 97 | Metabolomics profile of Japanese female patients with restricting-type anorexia nervosa. Physiology and Behavior, 2021, 228, 113204. | 2.1 | 5 |
| 98 | Development of a new Japanese version of the Clinical Impairment Assessment Questionnaire. BioPsychoSocial Medicine, 2020, 14, 19. | 2.1 | 4 |
| 99 | Effectiveness of enhanced cognitive behavior therapy for bulimia nervosa in Japan: a randomized controlled trial protocol. BioPsychoSocial Medicine, 2020, 14, 2. | 2.1 | 4 |
| 100 | Association of lifestyle factors with osteoporosis and fracture in postmenopausal women: a Japanese cohort study. Menopause, 2021, 28, 1254-1263. | 2.0 | 3 |
| 101 | Life events, emotional responsiveness, and the functional prognosis of patients with rheumatoid arthritis. BioPsychoSocial Medicine, 2015, 9, 15. | 2.1 | 2 |
| 102 | Brainâ€“Gut Axis and Gut Microbiota: Possible Role of Gut Microbiota in Childhood Mental Health and Diseases. Journal of Pediatric Biochemistry, 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. BioPsychoSocial Medicine, 2016, 10, 24. | 2.1 | 1 |
| 104 | Predictors of objectively measured snoring in a working population. Sleep and Biological Rhythms, 2019, 17, 349-354. | 1.0 | 1 |
| 105 | Psychometric properties of the fear of food measure in Japanese women. Eating and Weight Disorders, 2021, 26, 2135-2142. | 2.5 | 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. BioPsychoSocial Medicine, 2021, 15, 22. | 2.1 | 1 |
| 107 | Three cases of appendicitis with anorexia nervosa under inpatient care. Journal of Eating Disorders, 2015, 3, 38. | 2.7 | 0 |
| 108 | Somatic symptom disorder. The Journal of the Japanese Society of Internal Medicine, 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?. Frontiers in Psychiatry, 2022, 13, 825422. | 2.6 | 0 |