

# Hiroaki Kumano

## List of Publications by Year in descending order

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106  
papers

3,445  
citations

159358

30  
h-index

149479

56  
g-index

117  
all docs

117  
docs citations

117  
times ranked

4058  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of a Mindfulness-Based Intervention on Self-Compassionate Behaviors: A Randomized Controlled Trial. <i>Psychological Reports</i> , 2023, 126, 2757-2788.	0.9	2
2	A method of measuring the ability of disengagement from mind-wandering using electroencephalogram and its relationship to mindfulness and depressive symptoms.. <i>Psychology and Neuroscience</i> , 2022, 15, 14-27.	0.5	0
3	The patterns of acceptance, mindfulness, and values for Japanese patients with type 2 diabetes mellitus: a web-based survey. <i>BioPsychoSocial Medicine</i> , 2022, 16, 6.	0.9	1
4	The Validity and Reliability of the Short Form of the Five Facet Mindfulness Questionnaire in Japan. <i>Frontiers in Psychology</i> , 2022, 13, 833381.	1.1	8
5	Effects of the Attention Training Technique on Brain Activity in Healthy University Students Assessed by EEG Source Imaging. <i>Psychological Reports</i> , 2021, , 003329412098810.	0.9	0
6	Avoidance Behavior Prevents Modification of Fear Memory During Reconsolidation. <i>Psychological Reports</i> , 2020, 123, 224-238.	0.9	5
7	Dispositional Mindfulness Mediates the Relationship Between Sensory-Processing Sensitivity and Trait Anxiety, Well-Being, and Psychosomatic Symptoms. <i>Psychological Reports</i> , 2020, 123, 1083-1098.	0.9	13
8	Reliability and Validity of the Implicit Relational Assessment Procedure (IRAP) as a Measure of Change Agenda. <i>Psychological Record</i> , 2020, 70, 499-513.	0.6	2
9	Neural Correlates Supported by Eye Movements of Self-Focused Attention and Other-Focused Attention in Social Situations. <i>Cognitive Therapy and Research</i> , 2020, 44, 511-525.	1.2	4
10	Changes in Mind-Wandering and Cognitive Fusion Through Mindfulness Group Therapy for Depression and Anxiety. <i>Journal of Cognitive Psychotherapy</i> , 2020, 34, 162-176.	0.2	8
11	Relationships Between Cortically Mediated Attentional Dysfunction and Social Anxiety, Self-Focused Attention, and External Attention Bias. <i>Perceptual and Motor Skills</i> , 2019, 126, 1101-1116.	0.6	3
12	Altered auditory feedback perception following an 8-week mindfulness meditation practice. <i>International Journal of Psychophysiology</i> , 2019, 138, 38-46.	0.5	6
13	Changes in depression and anxiety through mindfulness group therapy in Japan: the role of mindfulness and self-compassion as possible mediators. <i>BioPsychoSocial Medicine</i> , 2019, 13, 4.	0.9	34
14	Altered Gamma-Band Activity as a Potential Biomarker for the Recurrence of Major Depressive Disorder. <i>Frontiers in Psychiatry</i> , 2018, 9, 691.	1.3	8
15	The reliability and validity for Japanese type 2 diabetes patients of the Japanese version of the acceptance and action diabetes questionnaire. <i>BioPsychoSocial Medicine</i> , 2018, 12, 9.	0.9	2
16	Use of Multichannel Near Infrared Spectroscopy to Study Relationships Between Brain Regions and Neurocognitive Tasks of Selective/Divided Attention and 2-Back Working Memory. <i>Perceptual and Motor Skills</i> , 2017, 124, 703-720.	0.6	9
17	Prediction of Mind-Wandering with Electroencephalogram and Non-linear Regression Modeling. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 365.	1.0	25
18	Development and evaluation of an electromagnetic hypersensitivity questionnaire for Japanese people. <i>Bioelectromagnetics</i> , 2016, 37, 353-372.	0.9	9

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19	The Relationship between Attentional Function and Stuttering Severity in Adults who Stutter. <i>Japan Journal of Logopedics and Phoniatrics</i> , 2016, 57, 217-226.	0.1	2
20	High Prevalence of Post-Traumatic Stress Symptoms in Relation to Social Factors in Affected Population One Year after the Fukushima Nuclear Disaster. <i>PLoS ONE</i> , 2016, 11, e0151807.	1.1	41
21	In-situ Real-Time Monitoring of Volatile Organic Compound Exposure and Heart Rate Variability for Patients with Multiple Chemical Sensitivity. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 12446-12465.	1.2	8
22	Dysfunction of ventrolateral prefrontal cortex underlying social anxiety disorder: A multi-channel NIRS study. <i>NeuroImage: Clinical</i> , 2015, 8, 455-461.	1.4	33
23	EEG source imaging during two Qigong meditations. <i>Cognitive Processing</i> , 2012, 13, 255-265.	0.7	19
24	Prevention and Psychological Intervention in Depression and Stress-Related Conditions. , 2011, , 374-388.		0
25	Decreased response inhibition in middle-aged male patients with type 2 diabetes. <i>BioPsychoSocial Medicine</i> , 2010, 4, 1.	0.9	55
26	A Novel Methodology to Evaluate Health Impacts Caused by VOC Exposures Using Real-Time VOC and Holter Monitors. <i>International Journal of Environmental Research and Public Health</i> , 2010, 7, 4127-4138.	1.2	21
27	A reply to Dr. Shailendra Kapoor. <i>Scandinavian Journal of Gastroenterology</i> , 2009, 44, 123-123.	0.6	0
28	Meditators and Non-Meditators: EEG Source Imaging During Resting. <i>Brain Topography</i> , 2009, 22, 158-165.	0.8	60
29	Evaluation of subjective symptoms of Japanese patients with multiple chemical sensitivity using QEESIA®. <i>Environmental Health and Preventive Medicine</i> , 2009, 14, 267-275.	1.4	27
30	Mindfulness-based stress reduction and cancer: a meta-analysis. <i>Psycho-Oncology</i> , 2009, 18, 571-579.	1.0	376
31	Alterations in Brain Serotonin Synthesis in Male Alcoholics Measured Using Positron Emission Tomography. <i>Alcoholism: Clinical and Experimental Research</i> , 2009, 33, 233-239.	1.4	29
32	Panic disorder and locomotor activity. <i>BioPsychoSocial Medicine</i> , 2008, 2, 23.	0.9	16
33	Eating attitudes and body dissatisfaction in adolescents: Cross-cultural study. <i>Psychiatry and Clinical Neurosciences</i> , 2008, 62, 17-25.	1.0	45
34	Clinical Practice Manual for Late-onset Hypogonadism Syndrome. <i>International Journal of Urology</i> , 2008, 15, 377-388.	0.5	62
35	Clinical characteristics of physician-diagnosed patients with multiple chemical sensitivity in Japan. <i>International Journal of Hygiene and Environmental Health</i> , 2008, 211, 682-689.	2.1	43
36	Relationship between subtypes of irritable bowel syndrome and severity of symptoms associated with panic disorder. <i>Scandinavian Journal of Gastroenterology</i> , 2008, 43, 675-681.	0.6	23

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37	CONCERNS ABOUT DATA AND METHODOLOGY IN MULTIPLE CHEMICAL SENSITIVITY PAPER. <i>Psychosomatic Medicine</i> , 2007, 69, 293-294.	1.3	0
38	Fluvoxamine, a selective serotonin reuptake inhibitor, and 5-HT <sub>2C</sub> receptor inactivation induce appetite-suppressing effects in mice via 5-HT <sub>1B</sub> receptors. <i>International Journal of Neuropsychopharmacology</i> , 2007, 10, 675-81.	1.0	29
39	A real-time assessment of the effect of exercise in chronic fatigue syndrome. <i>Physiology and Behavior</i> , 2007, 92, 963-968.	1.0	56
40	Tendency toward deliberate food restriction, fear of fatness and somatic attribution in cross-cultural samples. <i>Eating Behaviors</i> , 2007, 8, 407-417.	1.1	34
41	Changes in cerebral glucose utilization in patients with panic disorder treated with cognitive-behavioral therapy. <i>NeuroImage</i> , 2006, 33, 218-226.	2.1	118
42	Yearlong Physical Activity and Depressive Symptoms in Older Japanese Adults: Cross-Sectional Data from the Nakanjojo Study. <i>American Journal of Geriatric Psychiatry</i> , 2006, 14, 621-624.	0.6	68
43	Prospective Study on Influence of Psychosocial Factors on Glycemic Control in Japanese Patients With Type 2 Diabetes. <i>Psychosomatics</i> , 2006, 47, 240-246.	2.5	95
44	Does the Aging Males™ Symptoms scale assess major depressive disorder?: A pilot study. <i>Maturitas</i> , 2006, 53, 171-175.	1.0	22
45	Bulimia nervosa and abnormal cardiac repolarization. <i>Journal of Psychosomatic Research</i> , 2006, 60, 105-107.	1.2	11
46	Changes in heart rate with refeeding in anorexia nervosa: A pilot study. <i>Journal of Psychosomatic Research</i> , 2006, 61, 571-575.	1.2	24
47	Reliability of Recalled Self-Report on Headache Intensity: Investigation using Ecological Momentary Assessment Technique. <i>Cephalalgia</i> , 2006, 26, 1335-1343.	1.8	64
48	Effects of value and reward magnitude on feedback negativity and P300. <i>NeuroReport</i> , 2005, 16, 407-411.	0.6	268
49	Symptom Profile of Multiple Chemical Sensitivity in Actual Life. <i>Psychosomatic Medicine</i> , 2005, 67, 318-325.	1.3	46
50	A placebo-controlled, randomized withdrawal study of sertraline for panic disorder in Japan. <i>International Clinical Psychopharmacology</i> , 2005, 20, 265-273.	0.9	19
51	Cerebral glucose metabolism associated with a fear network in panic disorder. <i>NeuroReport</i> , 2005, 16, 927-931.	0.6	153
52	Explicit knowledge and intention to learn in sequence learning: an event-related potential study. <i>NeuroReport</i> , 2005, 16, 705-708.	0.6	20
53	Hikikomori, is it a Culture-Reactive or Culture-Bound Syndrome? Nidotherapy and a Clinical Vignette from Oman. <i>International Journal of Psychiatry in Medicine</i> , 2005, 35, 191-198.	0.8	91
54	Use of QEESI© questionnaire for a screening study in Japan. <i>Toxicology and Industrial Health</i> , 2005, 21, 113-124.	0.6	14

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55	Cerebral glucose metabolism associated with a fear network in panic disorder. <i>NeuroReport</i> , 2005, 16, 1251.	0.6	2
56	Possible interactive effects of demographic factors and stress coping mechanisms on depression and anxiety in maintenance hemodialysis patients. <i>Journal of Psychosomatic Research</i> , 2005, 58, 217-223.	1.2	32
57	Harmony seeking and the risk of prostate cancer: A prebiotic study. <i>Journal of Psychosomatic Research</i> , 2005, 59, 167-174.	1.2	3
58	Analysis of energy expenditure, endocrine function, and autonomic nervous activity in anorexia nervosa patients during refeeding. <i>Nutrition Research</i> , 2005, 25, 959-970.	1.3	2
59	QT Interval and QT Dispersion in Eating Disorders. <i>Psychotherapy and Psychosomatics</i> , 2004, 73, 324-328.	4.0	39
60	Laterality and Imbalance of Muscle Stiffness Relate to Personality. <i>Behavioral Medicine</i> , 2004, 30, 5-10.	1.0	2
61	Comorbidity of Irritable Bowel Syndrome, Panic Disorder, and Agoraphobia in a Japanese Representative Sample. <i>American Journal of Gastroenterology</i> , 2004, 99, 370-376.	0.2	71
62	Preliminary study: Psychological effects of muscle relaxation on Juvenile delinquents. <i>International Journal of Behavioral Medicine</i> , 2004, 11, 176-180.	0.8	11
63	Power law temporal auto-correlations in day-long records of human physical activity and their alteration with disease. <i>Europhysics Letters</i> , 2004, 66, 448-454.	0.7	14
64	Error-related negativity reflects detection of negative reward prediction error. <i>NeuroReport</i> , 2004, 15, 2561-2565.	0.6	97
65	Clinical and psychological aspects of restless legs syndrome in uremic patients on hemodialysis. <i>American Journal of Kidney Diseases</i> , 2003, 41, 833-839.	2.1	129
66	Possible variances of blood urea nitrogen, serum potassium and phosphorus levels and interdialytic weight gain accounted for compliance of hemodialysis patients. <i>Journal of Psychosomatic Research</i> , 2003, 55, 525-529.	1.2	13
67	Effects of effort and distress coping processes on psychophysiological and psychological stress responses. <i>International Journal of Psychophysiology</i> , 2003, 47, 117-128.	0.5	21
68	Interactions Among a Stressor, Self-efficacy, Coping with Stress, Depression, and Anxiety in Maintenance Hemodialysis Patients. <i>Behavioral Medicine</i> , 2003, 29, 107-112.	1.0	41
69	Application of Quick Environment Exposure Sensitivity Inventory (QEESI <sup>®</sup> ) for Japanese population: study of reliability and validity of the questionnaire. <i>Toxicology and Industrial Health</i> , 2003, 19, 41-49.	0.6	63
70	Clinical Worth of Adiponectin Levels in Obesity and Glycemic Control of Japanese Type 2 Diabetic Patients. <i>Diabetes Care</i> , 2003, 26, 3198-3198.	4.3	7
71	Reliability and Validity of a Japanese Version of the Eating Disorder Inventory. <i>Psychological Reports</i> , 2003, 92, 131-140.	0.9	20
72	Relations among Premorbid Weight, Referral Weight, and Psychological Test Scores for Patients with Anorexia Nervosa. <i>Psychological Reports</i> , 2003, 92, 67-74.	0.9	11

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73	Orexigenic / Anorexigenic Signals in Bulimia Nervosa. <i>Current Molecular Medicine</i> , 2003, 3, 349-360.	0.6	6
74	Behavioral Power-law Exponents in the Usage of Electric Appliances Correlate Mood States in the Elderly. <i>International Journal of Sport and Health Science</i> , 2003, 1, 41-47.	0.0	4
75	High social desirability and prefrontal cortical activity in cancer patients: a preliminary study. <i>Medical Science Monitor</i> , 2003, 9, CR119-24.	0.5	6
76	The Effect of Qi-Gong Relaxation Exercise on the Control of Type 2 Diabetes Mellitus: A randomized controlled trial. <i>Diabetes Care</i> , 2002, 25, 241-242.	4.3	53
77	Relationship of Health Status and Social Support to the Life Satisfaction of Older Adults.. <i>Tohoku Journal of Experimental Medicine</i> , 2002, 198, 141-149.	0.5	20
78	Relationship Between Somatosensory Amplification and Alexithymia in a Japanese Psychosomatic Clinic. <i>Psychosomatics</i> , 2002, 43, 55-60.	2.5	91
79	Relationship between trait anxiety, brain activity and natural killer cell activity in cancer patients: a preliminary PET study. <i>Psycho-Oncology</i> , 2001, 10, 541-546.	1.0	28
80	Depressive state and regional cerebral activity in cancer patients - a preliminary study. <i>Medical Science Monitor</i> , 2001, 7, 687-95.	0.5	15
81	Use of Photic Feedback as an Adjunct Treatment in a Case of Miller Fisher Syndrome. <i>Perceptual and Motor Skills</i> , 2000, 90, 262-264.	0.6	1
82	Improvement of C-Reactive Protein Levels and Body Temperature of an Elderly Patient Infected with <i>Pseudomonas aeruginosa</i> on Treatment with Mao-Bushi-Saishin-To. <i>Journal of Alternative and Complementary Medicine</i> , 2000, 6, 235-239.	2.1	15
83	Decrease in Serum Cortisol during Yoga Exercise is Correlated with Alpha Wave Activation. <i>Perceptual and Motor Skills</i> , 2000, 90, 1027-1032.	0.6	128
84	Letter to the Editor: Effect of Half the Standard Dose of Mao-Bushi-Saishin-To in Two MRSA Patients and One Decubitus Ulcer Patient. <i>The American Journal of Chinese Medicine</i> , 2000, 28, 301-304.	1.5	1
85	The Effect of a Traditional Chinese Prescription for a Case of Lung Carcinoma. <i>Journal of Alternative and Complementary Medicine</i> , 2000, 6, 557-559.	2.1	34
86	DECREASE IN SERUM CORTISOL DURING YOGA EXERCISE IS CORRELATED WITH ALPHA WAVE ACTIVATION. <i>Perceptual and Motor Skills</i> , 2000, 90, 1027.	0.6	8
87	Psychosocial Factors Associated with Peptic Ulcer in Aged Persons. <i>Psychological Reports</i> , 1999, 85, 761-769.	0.9	2
88	Age-Related Bone Loss: Relationship between Age and Regional Bone Mineral Density.. <i>Tohoku Journal of Experimental Medicine</i> , 1999, 187, 141-147.	0.5	12
89	Assessment of ego state in anorexia nervosa and bulimia nervosa. <i>Acta Psychiatrica Scandinavica</i> , 1999, 99, 385-387.	2.2	5
90	PSYCHOSOCIAL FACTORS ASSOCIATED WITH PEPTIC ULCER IN AGED PERSONS. <i>Psychological Reports</i> , 1999, 85, 761.	0.9	0

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91	Fatigue mood as an indicator discriminating between anorexia nervosa and bulimia nervosa. <i>Acta Psychiatrica Scandinavica</i> , 1998, 97, 202-205.	2.2	5
92	Influences of Long- and Short-Distance Driving on Alpha Waves and Natural Killer Cell Activity. Perceptual and Motor Skills, 1998, 87, 1419-1423.	0.6	3
93	Response of Healthy Individuals to Ninjin-Yoei-To Extract -Enhancement of Natural Killer Cell Activity. <i>The American Journal of Chinese Medicine</i> , 1998, 26, 91-95.	1.5	8
94	Assessment of Patients by DSM-III-R and DSM-IV in a Japanese Psychosomatic Clinic. <i>Psychotherapy and Psychosomatics</i> , 1998, 67, 43-49.	4.0	30
95	Stressful Life Events and Smoking Were Associated With Graves' Disease in Women, but Not in Men. <i>Psychosomatic Medicine</i> , 1998, 60, 182-185.	1.3	64
96	Psychosocial Factors Influencing the Short-Term Outcome of Antithyroid Drug Therapy in Graves' Disease. <i>Psychosomatic Medicine</i> , 1998, 60, 592-596.	1.3	29
97	Clinical Effects of Blood Pressure Biofeedback Treatment on Hypertension by Auto-shaping. <i>Psychosomatic Medicine</i> , 1997, 59, 331-338.	1.3	29
98	Changes of Immunoregulatory Cells Associated with Psychological Stress and Humor. <i>Perceptual and Motor Skills</i> , 1997, 84, 1296-1298.	0.6	11
99	Hemodynamic and Endocrine Responsiveness to Mental Arithmetic Task and Mirror Drawing Test in Patients With Essential Hypertension. <i>American Journal of Hypertension</i> , 1997, 10, 243-249.	1.0	22
100	EEG-driven photic stimulation effect on plasma cortisol and beta-endorphin. <i>Applied Psychophysiology Biofeedback</i> , 1997, 22, 193-208.	1.0	3
101	Whole-body metabolic map with positron emission tomography of a man after running. <i>Lancet</i> , The, 1996, 348, 266.	6.3	46
102	Treatment of a depressive disorder patient with EEG-driven photic stimulation. <i>Biofeedback and Self-regulation</i> , 1996, 21, 323-334.	0.3	25
103	The Japanese Concept of Interdependency. <i>American Journal of Psychiatry</i> , 1994, 151, 628-b-629.	4.0	2
104	Interrelationship between Serum Muscle Enzymes and a Low T3 in Anorexia Nervosa.. <i>Endocrinologia Japonica</i> , 1990, 37, 583-589.	0.5	1
105	Historical review of panic disorder and clinical studies in Japan. <i>Journal of Psychiatric Research</i> , 1990, 24, 70-72.	1.5	0
106	Self-focused attention related to social anxiety during free speaking tasks activates the right frontopolar area. <i>Current Psychology</i> , 0, , 1.	1.7	3