

# Shinichi Tokuno

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

664  
citations

687363

13  
h-index

642732

23  
g-index

60  
all docs

60  
docs citations

60  
times ranked

886  
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance Evaluation of a Voice-Based Depression Assessment System Considering the Number and Type of Input Utterances. <i>Sensors</i> , 2022, 22, 67.	3.8	1
2	Computational identification of variables in neonatal vocalizations predictive for postpubertal social behaviors in a mouse model of 16p11.2 deletion. <i>Molecular Psychiatry</i> , 2021, 26, 6578-6588.	7.9	7
3	Depressive Mood Assessment Method Based on Emotion Level Derived from Voice: Comparison of Voice Features of Individuals with Major Depressive Disorders and Healthy Controls. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5435.	2.6	11
4	Evaluation of emotional arousal level and depression severity using voice-derived sound pressure change acceleration. <i>Scientific Reports</i> , 2021, 11, 13615.	3.3	2
5	A web visualization tool using T cell subsets as the predictor to evaluate COVID-19 patient's severity. <i>PLoS ONE</i> , 2020, 15, e0239695.	2.5	6
6	Evaluation of the Severity of Major Depression Using a Voice Index for Emotional Arousal. <i>Sensors</i> , 2020, 20, 5041.	3.8	4
7	How much of an impact did COVID-19 self-isolation measures have on mental health?. <i>Asian Journal of Psychiatry</i> , 2020, 54, 102445.	2.0	1
8	Association Between Electroencephalogram-Derived Sleep Measures and the Change of Emotional Status Analyzed Using Voice Patterns: Observational Pilot Study. <i>JMIR Formative Research</i> , 2020, 4, e16880.	1.4	2
9	Effectiveness of a Voice-Based Mental Health Evaluation System for Mobile Devices: Prospective Study. <i>JMIR Formative Research</i> , 2020, 4, e16455.	1.4	13
10	Effects of long- and short-term experiences on stress during identification works of dead bodies: Rapid stress level measurement using voice. <i>American Journal of Disaster Medicine</i> , 2020, 15, 251-259.	0.3	0
11	Discrimination of Bipolar Disorders Using Voice. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2019, , 199-207.	0.3	2
12	A validation study of a consumer wearable sleep tracker compared to a portable EEG system in naturalistic conditions. <i>Journal of Psychosomatic Research</i> , 2019, 126, 109822.	2.6	34
13	Feasibility Study of Evaluation of Therapeutic Effect for Sleep Apnea Syndrome Using Mental Healthiness Evaluated from Voice. <i>IFMBE Proceedings</i> , 2019, , 897-900.	0.3	1
14	The Influence of the Voice Acquisition Method to the Mental Health State Estimation Based on Vocal Analysis. <i>IFMBE Proceedings</i> , 2019, , 327-330.	0.3	0
15	An Attempt to Estimate Depressive Status from Voice. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2019, , 168-175.	0.3	0
16	Disaster Victim Identification: Psychological Distress and Posttraumatic Stress in Dentists After the 2011 Fukushima Disaster. <i>Psychiatry (New York)</i> , 2018, 81, 85-92.	0.7	8
17	Pathophysiological Voice Analysis for Diagnosis and Monitoring of Depression. , 2018, , 83-95.		12
18	Estimating depressive status from voice. , 2018, , .		4

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19	Feasibility Study for Estimation of Depression Severity using Voice Analysis. , 2018, , .		1
20	CLASSIFICATION OF BIPOLAR DISORDER, MAJOR DEPRESSIVE DISORDER, AND HEALTHY STATE USING VOICE. Asian Journal of Pharmaceutical and Clinical Research, 2018, 11, 89.	0.3	9
21	Molecular Hydrogen Prevents Social Deficits and Depression-Like Behaviors Induced by Low-Intensity Blast in Mice. Journal of Neuropathology and Experimental Neurology, 2018, 77, 827-836.	1.7	16
22	Study on Indicators for Depression in the Elderly Using Voice and Attribute Information. Communications in Computer and Information Science, 2018, , 127-146.	0.5	0
23	Difference in Speech Analysis Results by Coding. Advances in Science, Technology and Engineering Systems, 2018, 3, 488-491.	0.5	0
24	Tumor growth limited to subcutaneous site vs tumor growth in pulmonary site exhibit differential effects on systemic immunities. Oncology Reports, 2017, 38, 449-455.	2.6	15
25	Mental status assessment of disaster relief personnel by vocal affect display based on voice emotion recognition. Disaster and Military Medicine, 2017, 3, 4.	1.0	8
26	An effect of noise on mental health indicator using voice. , 2017, , .		2
27	Difference in speech analysis results by compression. , 2017, , .		4
28	Difference in voice analysis result by pre- and post- processing of telephone line. , 2017, 2017, 242-245.		1
29	Validity of Mind Monitoring System as a Mental Health Indicator using Voice. Advances in Science, Technology and Engineering Systems, 2017, 2, 338-344.	0.5	15
30	Multilingual evaluation of voice disability index using pitch rate. Advances in Science, Technology and Engineering Systems, 2017, 2, 765-772.	0.5	4
31	Study on Depression Evaluation Indicator in the Elderly using Sensibility Technology. , 2017, , .		2
32	Human herpesvirus 6 and 7 are biomarkers for fatigue, which distinguish between physiological fatigue and pathological fatigue. Biochemical and Biophysical Research Communications, 2016, 478, 424-430.	2.1	26
33	Voice disability index using pitch rate. , 2016, , .		4
34	Validity of the Mind Monitoring System as a Mental Health Indicator. , 2016, , .		5
35	Elevation of Derivatives of Reactive Oxygen Metabolites Elevated in Young "Disaster Responders" in Hypertension due to Great East Japan Earthquake. International Heart Journal, 2016, 57, 61-66.	1.0	3
36	Validity of a Voice-Based Evaluation Method for Effectiveness of Behavioural Therapy. Communications in Computer and Information Science, 2016, , 43-51.	0.5	3

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37	Rumor-Related and Exclusive Behavior Coverage in Internet News Reports Following the 2009 H1N1 Influenza Outbreak in Japan. <i>Disaster Medicine and Public Health Preparedness</i> , 2015, 9, 459-463.	1.3	13
38	Case study of medical evacuation before and after the Fukushima Daiichi nuclear power plant accident in the great east Japan earthquake. <i>Disaster and Military Medicine</i> , 2015, 1, 19.	1.0	9
39	Decreased Plasma Brain-Derived Neurotrophic Factor and Vascular Endothelial Growth Factor Concentrations during Military Training. <i>PLoS ONE</i> , 2014, 9, e89455.	2.5	35
40	Usage of emotion recognition in military health care. , 2011, , .		43
41	Hemoglobin Vesicle Improves Recovery of Cardiac Function After Ischemiaâ€“Reperfusion by Attenuating Oxidative Stress in Isolated Rat Hearts. <i>Journal of Cardiovascular Pharmacology</i> , 2011, 58, 528-534.	1.9	2
42	Airport Quarantine Inspection, Follow-Up Observation, and the Prevention of Pandemic Influenza. <i>Aviation, Space, and Environmental Medicine</i> , 2011, 82, 782-789.	0.5	8
43	Traumatic brain injury caused by laser-induced shock wave in rats: a novel laboratory model for studying blast-induced traumatic brain injury. , 2011, , .		3
44	Pulmonary blast injury in mice: A novel model for studying blast injury in the laboratory using laserâ€“induced stress waves. <i>Lasers in Surgery and Medicine</i> , 2010, 42, 313-318.	2.1	26
45	Vein Graft Harvesting Induces Inflammation and Impairs Vessel Reactivity. <i>Annals of Thoracic Surgery</i> , 2006, 82, 1458-1464.	1.3	41
46	Adenosine A1 receptors are necessary for protection of the murine heart by remote, delayed adaptation to ischaemia. <i>Acta Physiologica Scandinavica</i> , 2004, 182, 133-143.	2.2	55
47	Cardiac troponin T content in heart and skeletal muscle and in blood samples from ApoE/LDL receptor double knockout mice. <i>Clinica Chimica Acta</i> , 2004, 344, 73-78.	1.1	3
48	Consequences of eliminating adenosine A1receptors in mice. <i>Drug Development Research</i> , 2003, 58, 350-353.	2.9	0
49	Deficiency of Nitric Oxide Synthase 2 Results in Increased Neointima Formation in a Mouse Model of Vascular Injury. <i>Journal of Cardiovascular Pharmacology</i> , 2003, 41, 897-902.	1.9	9
50	Spontaneous Ischemic Events in the Brain and Heart Adapt the Hearts of Severely Atherosclerotic Mice to Ischemia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002, 22, 995-1001.	2.4	58
51	Effects of spontaneous or induced brain ischemia on vessel reactivity. <i>Life Sciences</i> , 2002, 71, 679-692.	4.3	17
52	A1 receptors mediate delayed remote preconditioning, possible involvement of mapk. <i>Journal of Molecular and Cellular Cardiology</i> , 2002, 34, A59.	1.9	0
53	Cyclic fluctuations in the cardiac performance of the isolated Langendorff-perfused mouse heart: pyruvate abolishes the fluctuations and has an anti-ischaemic effect. <i>Acta Physiologica Scandinavica</i> , 2002, 175, 279-287.	2.2	14
54	Preconditioning protects the severely atherosclerotic mouse heart. <i>Annals of Thoracic Surgery</i> , 2001, 71, 1296-1303.	1.3	42

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55	The role of nitric oxide in ischaemia/reperfusion injury of isolated hearts from severely atherosclerotic mice. <i>Life Sciences</i> , 2001, 69, 2067-2080.	4.3	8
56	Endothelial dysfunction in atherosclerotic mice: improved relaxation by combined supplementation with L-arginine and tetrahydrobiopterin and enhanced vasoconstriction by endothelin. <i>British Journal of Pharmacology</i> , 2000, 131, 1255-1261.	5.4	38
57	Chest wall reconstruction using titanium mesh plate.. <i>The Journal of the Japanese Association for Chest Surgery</i> , 1997, 11, 834-838.	0.0	1
58	Treatment of a giant coronary artery aneurysm in an adult with a history of Kawasaki disease by resection and bypass grafting: Report of a case. <i>Surgery Today</i> , 1995, 25, 373-377.	1.5	13