Shinichi Tokuno

List of Publications by Year
in descending order

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	Spontaneous Ischemic Events in the Brain and Heart Adapt the Hearts of Severely Atherosclerotic Mice to Ischemia. Arteriosclerosis, Thrombosis, and Vascular Biology, 2002, 22, 995-1001.	2.4	58
2	Adenosine A1 receptors are necessary for protection of the murine heart by remote, delayed adaptation to ischaemia. Acta Physiologica Scandinavica, 2004, 182, 133-143.	2.2	55
3	Usage of emotion recognition in military health care. , 2011, , .		43
4	Preconditioning protects the severely atherosclerotic mouse heart. Annals of Thoracic Surgery, 2001, 71, 1296-1303.	1.3	42
5	Vein Graft Harvesting Induces Inflammation and Impairs Vessel Reactivity. Annals of Thoracic Surgery, 2006, 82, 1458-1464.	1.3	41
6	Endothelial dysfunction in atherosclerotic mice: improved relaxation by combined supplementation with <scp>L</scp>â€arginineâ€tetrahydrobiopterin and enhanced vasoconstriction by endothelin. British Journal of Pharmacology, 2000, 131, 1255-1261.	5.4	38
7	Decreased Plasma Brain-Derived Neurotrophic Factor and Vascular Endothelial Growth Factor Concentrations during Military Training. PLoS ONE, 2014, 9, e89455.	2.5	35
8	A validation study of a consumer wearable sleep tracker compared to a portable EEG system in naturalistic conditions. Journal of Psychosomatic Research, 2019, 126, 109822.	2.6	34
9	Pulmonary blast injury in mice: A novel model for studying blast injury in the laboratory using laserâ€induced stress waves. Lasers in Surgery and Medicine, 2010, 42, 313-318.	2.1	26
10	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
11	Effects of spontaneous or induced brain ischemia on vessel reactivity. Life Sciences, 2002, 71, 679-692.	4.3	17
12	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
13	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
14	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
15	Cyclic fluctuations in the cardiac performance of the isolated Langendorff-perfused mouse heart: pyruvate abolishes the fluctuations and has an anti-ischaemic effect. Acta Physiologica Scandinavica, 2002, 175, 279-287.	2.2	14
16	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. Surgery Today, 1995, 25, 373-377.	1.5	13
17	Rumor-Related and Exclusive Behavior Coverage in Internet News Reports Following the 2009 H1N1 Influenza Outbreak in Japan. Disaster Medicine and Public Health Preparedness, 2015, 9, 459-463.	1.3	13
18	Effectiveness of a Voice-Based Mental Health Evaluation System for Mobile Devices: Prospective Study. JMIR Formative Research, 2020, 4, e16455.	1.4	13

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19	Pathophysiological Voice Analysis for Diagnosis and Monitoring of Depression. , 2018, , 83-95.		12
20	Depressive Mood Assessment Method Based on Emotion Level Derived from Voice: Comparison of Voice Features of Individuals with Major Depressive Disorders and Healthy Controls. International Journal of Environmental Research and Public Health, 2021, 18, 5435.	2.6	11
21	Deficiency of Nitric Oxide Synthase 2 Results in Increased Neointima Formation in a Mouse Model of Vascular Injury. Journal of Cardiovascular Pharmacology, 2003, 41, 897-902.	1.9	9
22	Case study of medical evacuation before and after the Fukushima Daiichi nuclear power plant accident in the great east Japan earthquake. Disaster and Military Medicine, 2015, 1, 19.	1.0	9
23	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
24	The role of nitric oxide in ischaemia/reperfusion injury of isolated hearts from severely atherosclerotic mice. Life Sciences, 2001, 69, 2067-2080.	4.3	8
25	Airport Quarantine Inspection, Follow-Up Observation, and the Prevention of Pandemic Influenza. Aviation, Space, and Environmental Medicine, 2011, 82, 782-789.	0.5	8
26	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
27	Disaster Victim Identification: Psychological Distress and Posttraumatic Stress in Dentists After the 2011 Fukushima Disaster. Psychiatry (New York), 2018, 81, 85-92.	0.7	8
28	Computational identification of variables in neonatal vocalizations predictive for postpubertal social behaviors in a mouse model of 16p11.2 deletion. Molecular Psychiatry, 2021, 26, 6578-6588.	7.9	7
29	A web visualization tool using T cell subsets as the predictor to evaluate COVID-19 patient's severity. PLoS ONE, 2020, 15, e0239695.	2.5	6
30	Validity of the Mind Monitoring System as a Mental Health Indicator. , 2016, , .		5
31	Voice disability index using pitch rate. , 2016, , .		4
32	Difference in speech analysis results by compression. , 2017, , .		4
33	Estimating depressive status from voice. , 2018, , .		4
34	Evaluation of the Severity of Major Depression Using a Voice Index for Emotional Arousal. Sensors, 2020, 20, 5041.	3.8	4
35	Multilingual evaluation of voice disability index using pitch rate. Advances in Science, Technology and Engineering Systems, 2017, 2, 765-772.	0.5	4
36	Cardiac troponin T content in heart and skeletal muscle and in blood samples from ApoE/LDL receptor double knockout mice. Clinica Chimica Acta, 2004, 344, 73-78.	1.1	3

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37	Traumatic brain injury caused by laser-induced shock wave in rats: a novel laboratory model for studying blast-induced traumatic brain injury. , 2011, , .		3
38	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
39	Validity of a Voice-Based Evaluation Method for Effectiveness of Behavioural Therapy. Communications in Computer and Information Science, 2016, , 43-51.	0.5	3
40	Hemoglobin Vesicle Improves Recovery of Cardiac Function After Ischemia–Reperfusion by Attenuating Oxidative Stress in Isolated Rat Hearts. Journal of Cardiovascular Pharmacology, 2011, 58, 528-534.	1.9	2
41	An effect of noise on mental health indicator using voice. , 2017, , .		2
42	Discrimination of Bipolar Disorders Using Voice. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 199-207.	0.3	2
43	Evaluation of emotional arousal level and depression severity using voice-derived sound pressure change acceleration. Scientific Reports, 2021, 11, 13615.	3.3	2
44	Study on Depression Evaluation Indicator in the Elderly using Sensibility Technology. , 2017, , .		2
45	Association Between Electroencephalogram-Derived Sleep Measures and the Change of Emotional Status Analyzed Using Voice Patterns: Observational Pilot Study. JMIR Formative Research, 2020, 4, e16880.	1.4	2
46	Difference in voice analysis result by pre- and post- processing of telephone line. , 2017, 2017, 242-245.		1
47	Feasibility Study for Estimation of Depression Severity using Voice Analysis. , 2018, , .		1
48	How much of an impact did COVID-19 self-isolation measures have on mental health?. Asian Journal of Psychiatry, 2020, 54, 102445.	2.0	1
49	Chest wall reconstruction using titanium mesh plate.. The Journal of the Japanese Association for Chest Surgery, 1997, 11, 834-838.	0.0	1
50	Feasibility Study of Evaluation of Therapeutic Effect for Sleep Apnea Syndrome Using Mental Healthiness Evaluated from Voice. IFMBE Proceedings, 2019, , 897-900.	0.3	1
51	Performance Evaluation of a Voice-Based Depression Assessment System Considering the Number and Type of Input Utterances. Sensors, 2022, 22, 67.	3.8	1
52	A1 receptors mediate delayed remote preconditioning, possible involvement of mapk. Journal of Molecular and Cellular Cardiology, 2002, 34, A59.	1.9	0
53	Consequences of eliminating adenosine A1receptors in mice. Drug Development Research, 2003, 58, 350-353.	2.9	0
54	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

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55	Difference in Speech Analysis Results by Coding. Advances in Science, Technology and Engineering Systems, 2018, 3, 488-491.	0.5	0
56	The Influence of the Voice Acquisition Method to the Mental Health State Estimation Based on Vocal Analysis. IFMBE Proceedings, 2019, , 327-330.	0.3	0
57	An Attempt to Estimate Depressive Status from Voice. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 168-175.	0.3	0
58	Effects of long- and short-term experiences on stress during identification works of dead bodies: Rapid stress level measurement using voice. American Journal of Disaster Medicine, 2020, 15, 251-259.	0.3	0