

# Toshikazu Shinba

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4774463/publications.pdf>

Version: 2024-02-01

22  
papers

416  
citations

1163117

8  
h-index

888059

17  
g-index

22  
all docs

22  
docs citations

22  
times ranked

492  
citing authors

#	ARTICLE	IF	CITATIONS
1	Near-Infrared Time-Resolved Spectroscopy Shows Anterior Prefrontal Blood Volume Reduction in Schizophrenia but Not in Major Depressive Disorder. <i>Sensors</i> , 2022, 22, 1594.	3.8	3
2	Stress-Reducing Effect of a 50 Hz Electric Field in Mice after Repeated Immobilizations, Electric Field Shields, and Polarization of the Electrodes. <i>Biology</i> , 2022, 11, 323.	2.8	5
3	Extremely Low-Frequency Electric Field Exposure Increases Theta Power of EEG in both Eyes-Open and Eyes-Closed Resting Conditions in Healthy Male Subjects. <i>IEEJ Transactions on Electrical and Electronic Engineering</i> , 2021, 16, 592-599.	1.4	5
4	Return-to-Work Screening by Linear Discriminant Analysis of Heart Rate Variability Indices in Depressed Subjects. <i>Sensors</i> , 2021, 21, 5177.	3.8	6
5	Non-contact Measurement of Pulse Rate Variability Using a Webcam and Application to Mental Illness Screening System. , 2021, 2021, 7016-7019.		1
6	Decreased anxiety after catheter ablation for paroxysmal atrial fibrillation is associated with augmented parasympathetic reactivity to stress. <i>Heart Rhythm O2</i> , 2020, 1, 189-199.	1.7	1
7	Usefulness of heart rate variability indices in assessing the risk of an unsuccessful return to work after sick leave in depressed patients. <i>Neuropsychopharmacology Reports</i> , 2020, 40, 239-245.	2.3	8
8	Changes in heart rate variability after yoga are dependent on heart rate variability at baseline and during yoga: a study showing autonomic normalization effect in yoga-naïve and experienced subjects. <i>International Journal of Yoga</i> , 2020, 13, 160.	1.0	5
9	Auditory Event-related Potentials to Paired Stimulation in Spontaneously Hypertensive Rat (SHR) Show Difference of Undulation: Relation to Dysfunction of Sensory Gating in an Animal Model of Attention Deficit Hyperactivity Disorder (ADHD). <i>Japanese Journal of Physiological Psychology and Psychophysiology</i> , 2020, 38, 4-11.	0.1	0
10	Development of a Mental Disorder Screening System Using Support Vector Machine for Classification of Heart Rate Variability Measured from Single-lead Electrocardiography. , 2019, , .		8
11	Effects of clonidine and mild stress on EEG spectral power in mice.. <i>The Proceedings of the Annual Convention of the Japanese Psychological Association</i> , 2019, 83, 3D-037-3D-037.	0.0	0
12	The development of a novel high-precision major depressive disorder screening system using transient autonomic responses induced by dual mental tasks. <i>Journal of Medical Engineering and Technology</i> , 2018, 42, 121-127.	1.4	2
13	Increase of frontal cerebral blood volume during transcranial magnetic stimulation in depression is related to treatment effectiveness: A pilot study with near-infrared spectroscopy. <i>Psychiatry and Clinical Neurosciences</i> , 2018, 72, 602-610.	1.8	26
14	Development and Clinical Application of a Novel Autonomic Transient Response-Based Screening System for Major Depressive Disorder Using a Fingertip Photoplethysmographic Sensor. <i>Frontiers in Bioengineering and Biotechnology</i> , 2018, 6, 64.	4.1	26
15	Major depressive disorder and generalized anxiety disorder show different autonomic dysregulations revealed by heart rate variability analysis in first-onset drug-naïve patients without comorbidity. <i>Psychiatry and Clinical Neurosciences</i> , 2017, 71, 135-145.	1.8	42
16	An Objective Screening Method for Major Depressive Disorder Using Logistic Regression Analysis of Heart Rate Variability Data Obtained in a Mental Task Paradigm. <i>Frontiers in Psychiatry</i> , 2016, 7, 180.	2.6	38
17	Impaired parasympathetic augmentation under relaxation in patients with depression as assessed by a novel non-contact microwave radar system. <i>Journal of Medical Engineering and Technology</i> , 2016, 40, 15-19.	1.4	6
18	Altered autonomic activity and reactivity in depression revealed by heart rate variability measurement during rest and task conditions. <i>Psychiatry and Clinical Neurosciences</i> , 2014, 68, 225-233.	1.8	44

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19	Decrease in heart rate variability response to task is related to anxiety and depressiveness in normal subjects. <i>Psychiatry and Clinical Neurosciences</i> , 2008, 62, 603-609.	1.8	92
20	Near-infrared spectroscopy analysis of frontal lobe dysfunction in schizophrenia. <i>Biological Psychiatry</i> , 2004, 55, 154-164.	1.3	78
21	Random Number Generation Deficit in Schizophrenia Characterized by Oral vs Written Response Modes. <i>Perceptual and Motor Skills</i> , 2000, 91, 1091-1105.	1.3	19
22	Characteristic Profiles of Heart Rate Variability in Depression and Anxiety. , 0, , .		1