Kosuke Oiwa

List of Publications by Year
in descending order

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44	200	1163117	1199594
papers	citations	8 h-index	12 g-index

44	44	44	126
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evaluation of the effects of food intake on task engagement based on psychophysiological states. Artificial Life and Robotics, 2022, 27, 123-129.	1.2	1
2	Anomaly detection in facial skin temperature using variational autoencoder. Artificial Life and Robotics, 2021, 26, 122-128.	1.2	16
3	Remote Blood Pressure Sensing Using Near-Infrared Wideband LEDs. IEEE Sensors Journal, 2021, 21, 24327-24337.	4.7	4
4	Effects of the Flow State on Nasal Skin Temperature during Occupational Tasks. IEEJ Transactions on Electrical and Electronic Engineering, 2021, 16, 650-652.	1.4	0
5	Face Alignment in Thermal Infrared Images Using Cascaded Shape Regression. International Journal of Environmental Research and Public Health, 2021, 18, 1776.	2.6	12
6	An attempt to construct the individual model of daily facial skin temperature using variational autoencoder. Artificial Life and Robotics, 2021, 26, 488-493.	1.2	5
7	Years of experience is more effective in defining experts in the gaze analysis of laparoscopic suturing task than task duration. Applied Ergonomics, 2021, 96, 103474.	3.1	1
8	Evaluation of Model Performance for Estimating Resting Blood Pressure Using Independent Components of Facial Thermal Images. , 2021, , .		1
9	Spatial normalization of facial thermal images using facial landmarks. Artificial Life and Robotics, 2021, 26, 481-487.	1.2	8
10	Estimation of resting blood pressure using facial thermal images by separating acute stress variations. Artificial Life and Robotics, 2021, 26, 473-480.	1.2	10
11	Relationship Between Long-Term Variability of Facial Hue Information in Physiological and Psychological ROIs and Health Condition. IEEE Access, 2021, 9, 145554-145562.	4.2	2
12	SAFETY AND EFFECTIVENESS OF A STATIC WEARABLE CHAIR FOR PATIENTS REQUIRING REHABILITATION: A PRELIMINARY REPORT. Journal of Rehabilitation Medicine Clinical Communications, 2021, 4, 1000071.	0.6	0
13	RelationshipÂ between mechanisms of blood pressure change and facial skin temperature distribution. Artificial Life and Robotics, 2020, 25, 48-58.	1.2	6
14	Construction of a general model for estimating blood pressure using independent components of facial skin temperature in consideration of the mechanism of variation. , 2020, , .		3
15	Attempt to Prevent Drowsiness by Heat Dissipation Control. IEEJ Transactions on Electrical and Electronic Engineering, 2020, 15, 1244-1245.	1.4	2
16	Improving the Accuracy of Noncontact Blood Pressure Sensing Using Near-Infrared Light. IEEJ Transactions on Electronics, Information and Systems, 2020, 140, 769-774.	0.2	4
17	Electric Circuit Model and Thermo-Hue Hemodynamic Analysis for Non-Contact Blood Pressure Measurement. IEEJ Transactions on Electronics, Information and Systems, 2020, 140, 122-123.	0.2	5
18	Drowsiness Estimation Model Based on Hemodynamics. IEEJ Transactions on Electronics, Information and Systems, 2020, 140, 409-410.	0.2	1

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19	Drowsiness Level Modeling Based on Facial Skin Temperature Distribution Using a Convolutional Neural Network. IEEJ Transactions on Electrical and Electronic Engineering, 2019, 14, 870-876.	1.4	18
20	Construction of model for estimating blood pressure using indepednent components of facial skin temperature considering time variation. , 2019, , .		0
21	Influence of daily life behavior with listening to music on stress structure. , 2019, , .		0
22	Model for non-contact blood pressure measurement based on the facial feature amount of amplitude and phase analysis. , 2019, , .		0
23	Feature Extraction of Blood Pressure from Facial Skin Temperature Distribution Using Deep Learning. IEEJ Transactions on Electronics, Information and Systems, 2019, 139, 759-765.	0.2	10
24	Cognitive Characterization of Air-Flow Stimulus. Electronics and Communications in Japan, 2018, 101, 58-65.	0.5	0
25	Blind source extraction of long-term physiological signals from facial thermal images. Artificial Life and Robotics, 2018, 23, 218-224.	1.2	3
26	Causality Analysis of Emotions Evoked by Self-Feedback and Facial Features. , 2018, , .		0
27	Face Tracking based on Temperature Distribution of Thermal Images for Real-Time Psychophysiological States Evaluation using Facial Skin Temperature. , 2018, , .		5
28	Contactless blood pressure sensing using facial visible and thermal images. Artificial Life and Robotics, 2018, 23, 387-394.	1.2	15
29	Quantitative Evaluation of Attention to the Driving Environment During Automated Driving at Levels 3 using ERP: Evaluation of Psychophysiological State of Driver. IEEJ Transactions on Electronics, Information and Systems, 2018, 138, 1148-1153.	0.2	5
30	Contactless Blood Pressure Assessment by Facial Visible Image Analysis. IEEJ Transactions on Electronics, Information and Systems, 2018, 138, 783-789.	0.2	0
31	Emotional Arousal by Feedback for Selfies: A Pilot Study. IEEJ Transactions on Electronics, Information and Systems, 2018, 138, 805-811.	0.2	1
32	Evaluation of Variations in Autonomic Nervous System's Activity During the Day Based on Facial Thermal Images Using Independent Component Analysis. IEEJ Transactions on Electronics, Information and Systems, 2018, 138, 812-821.	0.2	1
33	Functional innervation of human induced pluripotent stem cell-derived cardiomyocytes by co-culture with sympathetic neurons developed using a microtunnel technique. Biochemical and Biophysical Research Communications, 2017, 494, 138-143.	2.1	20
34	Evaluation of dynamics of forehead skin temperature under induced drowsiness. IEEJ Transactions on Electrical and Electronic Engineering, 2017, 12, S104.	1.4	25
35	Measurement of psychophysical quantities of airâ€flow stimulus. IEEJ Transactions on Electrical and Electronic Engineering, 2017, 12, S183.	1.4	2
36	Psychophysiological assessment of an adaptive asynchronous humanâ€“machine system with the dual-task method. Artificial Life and Robotics, 2017, 22, 238-246.	1.2	0

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37	The attempt of swallowing discrimination by heart rate variability using machine learning. IEEJ Transactions on Electrical and Electronic Engineering, 2017, 12, S137-S138.	1.4	0
38	Cognitive Characterization of Air-flow Stimulus. IEEJ Transactions on Electronics, Information and Systems, 2017, 137, 898-903.	0.2	0
39	A device for co-culturing autonomic neurons and cardiomyocytes using micro-fabrication techniques. Integrative Biology (United Kingdom), 2016, 8, 341-348.	1.3	12
40	Co-culture of Parasympathetic Neurons and Cardiomyocyte. IEEJ Transactions on Electronics, Information and Systems, 2015, 135, 813-818.	0.2	1
41	Examination of the Influence by the Stimulation Coil Arrangement and the Shape of the Stimulation Object in the Transcranial Magnetic Stimulation Using a Model. IEEJ Transactions on Electronics, Information and Systems, 2014, 134, 891-896.	0.2	0
42	Effect of Focality and Depth with Bio-magnetic Stimulation. IEEJ Transactions on Electronics, Information and Systems, 2013, 133, 532-535.	0.2	0
43	Laparoscopic surgical skill evaluation with motion capture and eyeglass gaze cameras: A pilot study. Asian Journal of Endoscopic Surgery, 0, , .	0.9	1
44	Classification of Stress Coping Styles Based on Time Series Correlation of Face Area Temperature. IEEJ Transactions on Electrical and Electronic Engineering, 0, , .	1.4	0