Akio Nozawa

List of Publications by Year
in descending order

31 papers	**91** citations	1937685 **4** h-index	1588992 **8** g-index
31 all docs	**31** docs citations	**31** times ranked	**47** citing authors

#	Article	IF	Citations
1	Evaluation of dynamics of forehead skin temperature under induced drowsiness. IEEJ Transactions on Electrical and Electronic Engineering, 2017, 12, S104.	1.4	25
2	Face Alignment in Thermal Infrared Images Using Cascaded Shape Regression. International Journal of Environmental Research and Public Health, 2021, 18, 1776.	2.6	12
3	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
4	Face Tracking based on Temperature Distribution of Thermal Images for Real-Time Psychophysiological States Evaluation using Facial Skin Temperature. , 2018, , .		5
5	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
6	Remote Blood Pressure Sensing Using Near-Infrared Wideband LEDs. IEEE Sensors Journal, 2021, 21, 24327-24337.	4.7	4
7	Blind Signal Processing of Facial Thermal Images based on Independent Component Analysis. IEEJ Transactions on Electronics, Information and Systems, 2016, 136, 1142-1148.	0.2	4
8	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
9	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
10	Estimation of Mode of Viewing TV and Preference of TV Contents by Autonomic Nervous System Index. IEEJ Transactions on Electronics, Information and Systems, 2014, 134, 1551-1556.	0.2	3
11	Analysis of 1/f fluctuation of keystroke dynamics and heart rate variability. , 2013, , .		2
12	Measurement of psychophysical quantities of air–flow stimulus. IEEJ Transactions on Electrical and Electronic Engineering, 2017, 12, S183.	1.4	2
13	Attempt to Prevent Drowsiness by Heat Dissipation Control. IEEJ Transactions on Electrical and Electronic Engineering, 2020, 15, 1244-1245.	1.4	2
14	Analysis of Physiological Effect of Reading Books by Paper and Electronic Medium. IEEJ Transactions on Electronics, Information and Systems, 2015, 135, 520-525.	0.2	2
15	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
16	Multidimensional directed coherence analysis of keystroke dynamics and physiological responses. , 2015, , .		1
17	Analysis of Physiological Effect of Reading Books by Paper and Electronic Medium. Electronics and Communications in Japan, 2017, 100, 44-50.	0.5	1
18	Analysis of the Mode of Viewing TV Based on the Stress Coping Style. IEEJ Transactions on Electronics, Information and Systems, 2014, 134, 205-211.	0.2	1

#	Article	IF	Citations
19	Psychophysiological Assessment of the Adaptive Asynchronous Human-machine System on the Operation Period Discrimination Characteristic. IEEJ Transactions on Electronics, Information and Systems, 2015, 135, 1404-1410.	0.2	1
20	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
21	Drowsiness Estimation Model Based on Hemodynamics. IEEJ Transactions on Electronics, Information and Systems, 2020, 140, 409-410.	0.2	1
22	Psychophysiological Assessment of the Adaptive Asynchronous Human–Machine System on the Operation Period Discrimination Characteristic. Electronics and Communications in Japan, 2016, 99, 3-11.	0.5	0
23	Causality Analysis of Emotions Evoked by Self-Feedback and Facial Features. , 2018, , .		0
24	Construction of model for estimating blood pressure using indepednent components of facial skin temperature considering time variation. , 2019, , .		0
25	Influence of daily life behavior with listening to music on stress structure. , 2019, , .		0
26	Model for non-contact blood pressure measurement based on the facial feature amount of amplitude and phase analysis. , 2019, , .		0
27	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
28	Measurement of Autonomic Nervous System Activity on Photographing. IEEJ Transactions on Electronics, Information and Systems, 2014, 134, 1531-1536.	0.2	0
29	Objective Evaluation of Subjective Complexity by Change in Oxygented Hemoglobin Concentration and Hemodynamics. IEEJ Transactions on Fundamentals and Materials, 2015, 135, 762-767.	0.2	0
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	Research Trends on Driver's Drowsiness Detection Technology, and the Detection and the Control Using Facial Skin Temperature. Journal of Japan Society for Fuzzy Theory and Intelligent Informatics, 2020, 32, 33-37.	0.0	0