

# Akio Nozawa

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Remote Blood Pressure Sensing Using Near-Infrared Wideband LEDs. IEEE Sensors Journal, 2021, 21, 24327-24337.	4.7	4
2	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
3	Face Alignment in Thermal Infrared Images Using Cascaded Shape Regression. International Journal of Environmental Research and Public Health, 2021, 18, 1776.	2.6	12
4	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
5	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
6	Attempt to Prevent Drowsiness by Heat Dissipation Control. IEEJ Transactions on Electrical and Electronic Engineering, 2020, 15, 1244-1245.	1.4	2
7	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
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	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
10	Drowsiness Estimation Model Based on Hemodynamics. IEEJ Transactions on Electronics, Information and Systems, 2020, 140, 409-410.	0.2	1
11	Construction of model for estimating blood pressure using independent components of facial skin temperature considering time variation. , 2019, , .		0
12	Influence of daily life behavior with listening to music on stress structure. , 2019, , .		0
13	Model for non-contact blood pressure measurement based on the facial feature amount of amplitude and phase analysis. , 2019, , .		0
14	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
15	Causality Analysis of Emotions Evoked by Self-Feedback and Facial Features. , 2018, , .		0
16	Face Tracking based on Temperature Distribution of Thermal Images for Real-Time Psychophysiological States Evaluation using Facial Skin Temperature. , 2018, , .		5
17	Contactless Blood Pressure Assessment by Facial Visible Image Analysis. IEEJ Transactions on Electronics, Information and Systems, 2018, 138, 783-789.	0.2	0
18	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

#	ARTICLE	IF	CITATIONS
19	Analysis of Physiological Effect of Reading Books by Paper and Electronic Medium. Electronics and Communications in Japan, 2017, 100, 44-50.	0.5	1
20	Evaluation of dynamics of forehead skin temperature under induced drowsiness. IEEJ Transactions on Electrical and Electronic Engineering, 2017, 12, S104.	1.4	25
21	Measurement of psychophysical quantities of air flow stimulus. IEEJ Transactions on Electrical and Electronic Engineering, 2017, 12, S183.	1.4	2
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	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
24	Multidimensional directed coherence analysis of keystroke dynamics and physiological responses. , 2015, , .		1
25	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
26	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
27	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
28	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
29	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
30	Measurement of Autonomic Nervous System Activity on Photographing. IEEJ Transactions on Electronics, Information and Systems, 2014, 134, 1531-1536.	0.2	0
31	Analysis of 1/f fluctuation of keystroke dynamics and heart rate variability. , 2013, , .		2