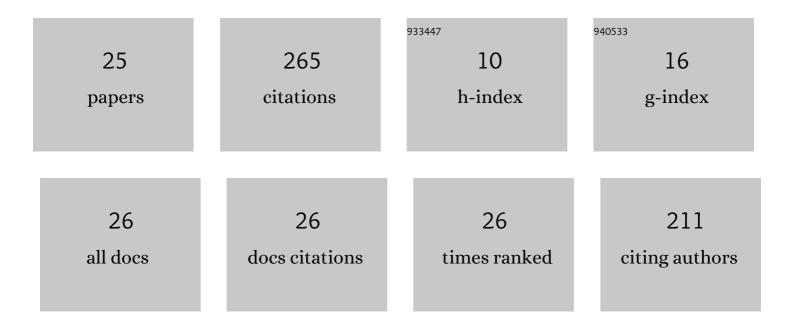
Hiroaki Ishizawa

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Verification of embedding conditions for FBG sensor into textile product for the development of wearable healthcare sensor. Technology and Health Care, 2022, , 1-12.	1.2	0
2	Verification of Non-invasive Blood Glucose Measurement Based on Pulse Wave by FBG Sensor System. Transactions of the Society of Instrument and Control Engineers, 2021, 57, 314-323.	0.2	1
3	Construction and Operational Evaluation of a Plant Imaging System Using Ultra-wideband Frequency Ranging from X-ray to Terahertz. Agricultural Information Research, 2021, 29, 62-69.	0.2	0
4	Measurement of Pulsation Strain at the Fingertip Using a Plastic FBG Sensor. IEEE Sensors Journal, 2021, 21, 21537-21545.	4.7	8
5	Classification of Pulse Wave Signal Measured by FBG Sensor for Vascular Age and Arteriosclerosis Estimation. IEEE Sensors Journal, 2020, 20, 2485-2491.	4.7	12
6	Measurement Signal Analysis at Each Pulsation Point of Living Body by FBG Sensor. , 2020, , .		2
7	Verification of Blood Pressure Monitoring System Using Optical Fiber Sensor. Journal of Fiber Science and Technology, 2020, 76, 79-87.	0.4	4
8	Development of Smart Textiles for Self-Monitoring Blood Glucose by Using Optical Fiber Sensor. Journal of Fiber Science and Technology, 2020, 76, 104-112.	0.4	6
9	Wearable Vital Sign Sensing System for Healthcare Environment. Journal of Japan Institute of Electronics Packaging, 2020, 23, 378-382.	0.1	0
10	Study on Pulse Wave Pattern for Blood Pressure Prediction Using FBG Sensor. Transactions of the Society of Instrument and Control Engineers, 2020, 56, 189-197.	0.2	3
11	Wireless, Portable Fiber Bragg Grating Interrogation System Employing Optical Edge Filter. Sensors, 2019, 19, 3222.	3.8	30
12	Influence on Measurement Signal by Pressure and Viscosity Changes of Fluid and Installation Condition of FBG Sensor Using Blood Flow Simulation Model. IEEE Sensors Journal, 2019, 19, 11946-11954.	4.7	8
13	Measurement of Pulse Wave Signals and Blood Pressure by a Plastic Optical Fiber FBG Sensor. Sensors, 2019, 19, 5088.	3.8	48
14	Evaluation of Molecular Structure in Each Processing Step of Cashmere Fibers Based on IR Spectroscopy. , 2018, , .		0
15	Improvement of Blood Pressure Prediction Using Artificial Neural Network. , 2018, , .		1
16	Influence of Installing Method on Pulse Wave Signal in Blood Pressure Prediction by FBG Sensor. , 2018, , .		0
17	Simultaneous Measurement of Heart Sound, Pulse Wave and Respiration with Single Fiber Bragg Grating Sensor. , 2018, , .		7
18	Verification of Non-Invasive Blood Glucose Measurement Method Based on Pulse Wave Signal Detected by FBG Sensor System. Sensors, 2017, 17, 2702.	3.8	27

Hiroaki Ishizawa

#	Article	IF	CITATIONS
19	Influence on Calculated Blood Pressure of Measurement Posture for the Development of Wearable Vital Sign Sensors. Journal of Sensors, 2017, 2017, 1-10.	1.1	16
20	Influence of Individual Differences on the Calculation Method for FBG-Type Blood Pressure Sensors. Sensors, 2017, 17, 48.	3.8	32
21	Vital Sign Measurement Using Covered FBG Sensor Embedded into Knitted Fabric for Smart Textile. Journal of Fiber Science and Technology, 2017, 73, 300-308.	0.4	19
22	Stress Loading Detection Method Using the FBG Sensor for Smart Textile. Journal of Fiber Science and Technology, 2017, 73, 276-283.	0.4	14
23	Fabrication of Optical Fiber Embedded Knitted Fabrics for Smart Textiles. Journal of Textile Engineering, 2016, 62, 129-134.	0.2	14
24	Measurement of Pulse Rate and Respiration Rate Using Fiber Bragg Grating Sensor. Transactions of the Society of Instrument and Control Engineers, 2013, 49, 1101-1105.	0.2	13
25	Title is missing!. Journal of Textile Engineering, 2009, 55, 23-28.	0.2	Ο