

Hiroaki Ishizawa

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

265
citations

933447

10
h-index

940533

16
g-index

26
all docs

26
docs citations

26
times ranked

211
citing authors

#	ARTICLE	IF	CITATIONS
1	Verification of embedding conditions for FBG sensor into textile product for the development of wearable healthcare sensor. <i>Technology and Health Care</i> , 2022, , 1-12.	1.2	0
2	Verification of Non-invasive Blood Glucose Measurement Based on Pulse Wave by FBG Sensor System. <i>Transactions of the Society of Instrument and Control Engineers</i> , 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. <i>Agricultural Information Research</i> , 2021, 29, 62-69.	0.2	0
4	Measurement of Pulsation Strain at the Fingertip Using a Plastic FBG Sensor. <i>IEEE Sensors Journal</i> , 2021, 21, 21537-21545.	4.7	8
5	Classification of Pulse Wave Signal Measured by FBG Sensor for Vascular Age and Arteriosclerosis Estimation. <i>IEEE Sensors Journal</i> , 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. <i>Journal of Fiber Science and Technology</i> , 2020, 76, 79-87.	0.4	4
8	Development of Smart Textiles for Self-Monitoring Blood Glucose by Using Optical Fiber Sensor. <i>Journal of Fiber Science and Technology</i> , 2020, 76, 104-112.	0.4	6
9	Wearable Vital Sign Sensing System for Healthcare Environment. <i>Journal of Japan Institute of Electronics Packaging</i> , 2020, 23, 378-382.	0.1	0
10	Study on Pulse Wave Pattern for Blood Pressure Prediction Using FBG Sensor. <i>Transactions of the Society of Instrument and Control Engineers</i> , 2020, 56, 189-197.	0.2	3
11	Wireless, Portable Fiber Bragg Grating Interrogation System Employing Optical Edge Filter. <i>Sensors</i> , 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. <i>IEEE Sensors Journal</i> , 2019, 19, 11946-11954.	4.7	8
13	Measurement of Pulse Wave Signals and Blood Pressure by a Plastic Optical Fiber FBG Sensor. <i>Sensors</i> , 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. <i>Sensors</i> , 2017, 17, 2702.	3.8	27

#	ARTICLE	IF	CITATIONS
19	Influence on Calculated Blood Pressure of Measurement Posture for the Development of Wearable Vital Sign Sensors. <i>Journal of Sensors</i> , 2017, 2017, 1-10.	1.1	16
20	Influence of Individual Differences on the Calculation Method for FBG-Type Blood Pressure Sensors. <i>Sensors</i> , 2017, 17, 48.	3.8	32
21	Vital Sign Measurement Using Covered FBG Sensor Embedded into Knitted Fabric for Smart Textile. <i>Journal of Fiber Science and Technology</i> , 2017, 73, 300-308.	0.4	19
22	Stress Loading Detection Method Using the FBG Sensor for Smart Textile. <i>Journal of Fiber Science and Technology</i> , 2017, 73, 276-283.	0.4	14
23	Fabrication of Optical Fiber Embedded Knitted Fabrics for Smart Textiles. <i>Journal of Textile Engineering</i> , 2016, 62, 129-134.	0.2	14
24	Measurement of Pulse Rate and Respiration Rate Using Fiber Bragg Grating Sensor. <i>Transactions of the Society of Instrument and Control Engineers</i> , 2013, 49, 1101-1105.	0.2	13
25	Title is missing!. <i>Journal of Textile Engineering</i> , 2009, 55, 23-28.	0.2	0