

# Renan Prasta Jenie

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3883540/publications.pdf>

Version: 2024-02-01

23  
papers

50  
citations

2258059

3  
h-index

1720034

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g-index

23  
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23  
docs citations

23  
times ranked

52  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of Lithium Tantalite (LiTaO <sub>3</sub> ) for Automatic Switch on LAPAN-IPB Satellite Infra-red Sensor. <i>Procedia Environmental Sciences</i> , 2015, 24, 329-334.	1.4	17
2	Proposed Application of Fast Fourier Transform in Near Infra Red Based Non Invasive Blood Glucose Monitoring System. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017, 58, 012011.	0.3	5
3	Fast Fourier Transformed Twin Table Ladder Modulation on Recognising Non Invasive Blood Glucose Level Measurement Optical Device Spectral Responses. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018, 187, 012012.	0.3	5
4	Infra Red Light Emitting Diode in 1200 nm Range have Moderate Performance in Detecting Glucose in Human Blood Glucose Model. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017, 58, 012021.	0.3	4
5	Application of thin film barium strontium titanate (BST) in a microcontroller based tool to measure oxygen saturation in blood. <i>Ferroelectrics</i> , 2020, 554, 134-143.	0.6	4
6	Non-Invasive Optical Blood Glucose Measurement based on Discrete Fourier Transform and Fast Artificial Neural Network: Fasting Normal Glucose Participants Case Study. <i>Journal of Medical Devices, Transactions of the ASME</i> , 2019, , .	0.7	3
7	Determination of wavelength candidates for non-invasive hemoglobin measurement devices and energy spectrum analysis. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	3
8	UV-Vis Spectrophotometry Observation to Find Appropriate Wavelength for Non-Invasive Blood Haemoglobin Level Measurement Optical Device. <i>Biointerface Research in Applied Chemistry</i> , 2021, 12, 1927-1934.	1.0	2
9	Pre-clinical test for non-invasive (in vitro) blood glucose levels measuring at visible light wavelengths. <i>AIP Conference Proceedings</i> , 2021, , .	0.4	1
10	General protocol for ethical conforming development for non-invasive blood biomarker measurement optical device. <i>AIP Conference Proceedings</i> , 2021, , .	0.4	1
11	Determination of light source modules on blood glucose biomimetics using the reflectance method. , 2021, , .		1
12	Fourier Transform Infra-Red spectrophotometry observation to find appropriate wavelength for non-invasive blood glucose level measurement optical device. <i>Journal of Physics: Conference Series</i> , 2021, 1882, 012009.	0.4	1
13	Non-invasive hemoglobin blood level measurement system. <i>AIP Conference Proceedings</i> , 2021, , .	0.4	1
14	MULTI FORMULATED REGRESSION SLIGHTLY OUTPERFORM BACK PROPAGATION ARTIFICIAL NEURAL NETWORK ON RECOGNISING GAUSSIAN RANDOMIZED TWO DIMENSIONAL DATA AS BLOOD GLUCOSE LEVEL NON INVASIVE MEASUREMENT MODEL , 2017, , .		1
15	Sensitivity and Specificity of Non-Invasive Blood Glucose Level Measurement Optical Device to Detect Hypoglycaemia. <i>Journal of Nutritional Science and Vitaminology</i> , 2020, 66, S226-S229.	0.6	1
16	Software Development for Black Tea's Physical Variable and Quality Class Relationship Analyzing Using Correlation Adaptive Vis. Pat. Recognition Artificial Neural Network Based Expert System: Proof of Concept of Auto Parameter Choosing Expert System. , 2010, , .		0
17	Introductory Chapter: Ferroelectrics Material and Their Applications. , 0, , .		0
18	Review on wavelength for non-invasive blood hemoglobin level measurement optical device. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	0

#	ARTICLE	IF	CITATIONS
19	Review: Non-invasive blood haemoglobin level measurement. AIP Conference Proceedings, 2021, , .	0.4	0
20	Non-invasive measurement of blood glucose biomimetics with the reflectance method on near-infrared light source. AIP Conference Proceedings, 2021, , .	0.4	0
21	Ultraviolet to visible spectrophotometry observation to find appropriate wavelength for non-invasive blood glucose level measurement optical device. AIP Conference Proceedings, 2021, , .	0.4	0
22	Designing Note Sharing Application on Android Platform. ComTech, 2011, 2, 1241.	0.5	0
23	Infra Red “ Light Emitting Diode and Photodiode Pair in Measuring Blood Glucose Level Based on Transmittance Method. SSRN Electronic Journal, 0, , .	0.4	0