

# Nguyen Hau

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7085622/publications.pdf>

Version: 2024-02-01

20  
papers

700  
citations

759233

12  
h-index

752698

20  
g-index

20  
all docs

20  
docs citations

20  
times ranked

797  
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of Driver Drowsiness Using Wavelet Analysis of Heart Rate Variability and a Support Vector Machine Classifier. <i>Sensors</i> , 2013, 13, 16494-16511.	3.8	164
2	Smartwatch-Based Wearable EEG System for Driver Drowsiness Detection. <i>IEEE Sensors Journal</i> , 2015, 15, 7169-7180.	4.7	155
3	A Context-Aware EEG Headset System for Early Detection of Driver Drowsiness. <i>Sensors</i> , 2015, 15, 20873-20893.	3.8	70
4	A Single-Channel SSVEP-Based BCI Speller Using Deep Learning. <i>IEEE Access</i> , 2019, 7, 1752-1763.	4.2	53
5	Demonstration of long-distance hazard-free wearable EEG monitoring system using mobile phone visible light communication. <i>Optics Express</i> , 2017, 25, 713.	3.4	34
6	A High-Rate BCI Speller Based on Eye-Closed EEG Signal. <i>IEEE Access</i> , 2018, 6, 33995-34003.	4.2	30
7	Deep Learning-Based Food Quality Estimation Using Radio Frequency-Powered Sensor Mote. <i>IEEE Access</i> , 2020, 8, 88360-88371.	4.2	28
8	A Bipolar-Channel Hybrid Brain-Computer Interface System for Home Automation Control Utilizing Steady-State Visually Evoked Potential and Eye-Blink Signals. <i>Sensors</i> , 2020, 20, 5474.	3.8	23
9	EMI-Free Bidirectional Real-Time Indoor Environment Monitoring System. <i>IEEE Access</i> , 2019, 7, 5714-5722.	4.2	18
10	Multiple bio-monitoring system using visible light for electromagnetic-wave free indoor healthcare. <i>Optics Communications</i> , 2017, 405, 107-113.	2.1	17
11	Indoor Fine Particulate Matter Monitoring in a Large Area Using Bidirectional Multihop VLC. <i>IEEE Internet of Things Journal</i> , 2021, 8, 7214-7228.	8.7	14
12	Affective Computing on Machine Learning-Based Emotion Recognition Using a Self-Made EEG Device. <i>Sensors</i> , 2021, 21, 5135.	3.8	14
13	Single cell three-channel wavelength division multiplexing in visible light communication. <i>Optics Express</i> , 2017, 25, 25477.	3.4	12
14	A Neural Network-Based Model of Radio Frequency Energy Harvesting Characteristics in a Self-Powered Food Monitoring System. <i>IEEE Sensors Journal</i> , 2019, 19, 8813-8823.	4.7	12
15	Semiasynchronous BCI Using Wearable Two-Channel EEG. <i>IEEE Transactions on Cognitive and Developmental Systems</i> , 2018, 10, 681-686.	3.8	11
16	Wavelength-Division Multiplexing Optical Transmission for EMI-Free Indoor Fine Particulate Matter Monitoring. <i>IEEE Access</i> , 2018, 6, 74885-74894.	4.2	11
17	Battery-Free and Noninvasive Estimation of Food pH and CO <sub>2</sub> Concentration for Food Monitoring Based on Pressure Measurement. <i>Sensors</i> , 2020, 20, 5853.	3.8	10
18	Lightweight multi-hop VLC using compression and data-dependent multiple pulse modulation. <i>Optics Express</i> , 2020, 28, 19531.	3.4	10

#	ARTICLE	IF	CITATIONS
19	Fine particulate matter monitoring via a visible light communication in DCT-based optical OFDM. Optics Express, 2019, 27, 15062.	3.4	8
20	Negative News Recognition During Social Media News Consumption Using EEG. IEEE Access, 2019, 7, 133227-133236.	4.2	6