

# Boon-Giin Lee

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/355630/publications.pdf>

Version: 2024-02-01

22  
papers

962  
citations

623734

14  
h-index

752698

20  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1009  
citing authors

#	ARTICLE	IF	CITATIONS
1	Driver Alertness Monitoring Using Fusion of Facial Features and Bio-Signals. IEEE Sensors Journal, 2012, 12, 2416-2422.	4.7	144
2	Smart Wearable Hand Device for Sign Language Interpretation System With Sensors Fusion. IEEE Sensors Journal, 2018, 18, 1224-1232.	4.7	129
3	Mobile Healthcare for Automatic Driving Sleep-Onset Detection Using Wavelet-Based EEG and Respiration Signals. Sensors, 2014, 14, 17915-17936.	3.8	128
4	A Smartphone-Based Driver Safety Monitoring System Using Data Fusion. Sensors, 2012, 12, 17536-17552.	3.8	105
5	American Sign Language Recognition Using Leap Motion Controller with Machine Learning Approach. Sensors, 2018, 18, 3554.	3.8	87
6	Wearable Glove-Type Driver Stress Detection Using a Motion Sensor. IEEE Transactions on Intelligent Transportation Systems, 2017, 18, 1835-1844.	8.0	58
7	Standalone Wearable Driver Drowsiness Detection System in a Smartwatch. IEEE Sensors Journal, 2016, 16, 5444-5451.	4.7	52
8	Stress Events Detection of Driver by Wearable Glove System. IEEE Sensors Journal, 2016, , 1-1.	4.7	43
9	Wristband-Type Driver Vigilance Monitoring System Using Smartwatch. IEEE Sensors Journal, 2015, 15, 5624-5633.	4.7	42
10	Methods to Detect and Reduce Driver Stress: A Review. International Journal of Automotive Technology, 2019, 20, 1051-1063.	1.4	39
11	Smartwatch-Based Driver Vigilance Indicator With Kernel-Fuzzy-C-Means-Wavelet Method. IEEE Sensors Journal, 2016, 16, 242-253.	4.7	36
12	Wearable Mobile-Based Emotional Response-Monitoring System for Drivers. IEEE Transactions on Human-Machine Systems, 2017, 47, 636-649.	3.5	34
13	Sensor Fusion of Motion-Based Sign Language Interpretation with Deep Learning. Sensors, 2020, 20, 6256.	3.8	16
14	MULTI-CLASSIFIER FOR HIGHLY RELIABLE DRIVER DROWSINESS DETECTION IN ANDROID PLATFORM. Biomedical Engineering - Applications, Basis and Communications, 2012, 24, 147-154.	0.6	14
15	Affective Computing on Machine Learning-Based Emotion Recognition Using a Self-Made EEG Device. Sensors, 2021, 21, 5135.	3.8	14
16	Smart Wearables with Sensor Fusion for Fall Detection in Firefighting. Sensors, 2021, 21, 6770.	3.8	6
17	Exploring Operators's™ Natural Behaviors to Predict Catheterization Trial Outcomes in Robot-Assisted Intravascular Interventions. IEEE Transactions on Medical Robotics and Bionics, 2022, 4, 682-695.	3.2	5
18	WSN based 3D mobile indoor multiple user tracking. , 2009, , .		4

#	ARTICLE	IF	CITATIONS
19	Machine-Learning-Enabled Virtual Screening for Inhibitors of Lysine-Specific Histone Demethylase 1. <i>Molecules</i> , 2021, 26, 7492.	3.8	3
20	A Smart Wearable Fall Detection System for Firefighters Using V-RNN. <i>Lecture Notes in Computer Science</i> , 2022, , 128-137.	1.3	2
21	TAFFIES: Tailored Automated Feedback Framework for Developing Integrated and Extensible Feedback Systems. <i>SN Computer Science</i> , 2022, 3, 159.	3.6	1
22	Study of Sign Language Recognition Using Wearable Sensors. <i>Lecture Notes in Computer Science</i> , 2021, , 229-237.	1.3	0