# Boon-Giin Lee

List of Publications by Year
in descending order



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|---|---|---|---|
| 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 | TAFFIES: Tailored Automated Feedback Framework for Developing Integrated and Extensible Feedback Systems. SN Computer Science, 2022, 3, 159. | 3.6 | 1 |
| 2 | A Smart Wearable Fall Detection System for Firefighters Using V-RNN. Lecture Notes in Computer Science, 2022, , 128-137. | 1.3 | 2 |
| 3 | Exploring Operatorsâ€™ 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 |
| 4 | Study of Sign Language Recognition Using Wearable Sensors. Lecture Notes in Computer Science, 2021, , 229-237. | 1.3 | 0 |
| 5 | Affective Computing on Machine Learning-Based Emotion Recognition Using a Self-Made EEG Device. Sensors, 2021, 21, 5135. | 3.8 | 14 |
| 6 | Smart Wearables with Sensor Fusion for Fall Detection in Firefighting. Sensors, 2021, 21, 6770. | 3.8 | 6 |
| 7 | Machine-Learning-Enabled Virtual Screening for Inhibitors of Lysine-Specific Histone Demethylase 1. Molecules, 2021, 26, 7492. | 3.8 | 3 |
| 8 | Sensor Fusion of Motion-Based Sign Language Interpretation with Deep Learning. Sensors, 2020, 20, 6256. | 3.8 | 16 |
| 9 | Methods to Detect and Reduce Driver Stress: A Review. International Journal of Automotive Technology, 2019, 20, 1051-1063. | 1.4 | 39 |
| 10 | Smart Wearable Hand Device for Sign Language Interpretation System With Sensors Fusion. IEEE Sensors Journal, 2018, 18, 1224-1232. | 4.7 | 129 |
| 11 | American Sign Language Recognition Using Leap Motion Controller with Machine Learning Approach. Sensors, 2018, 18, 3554. | 3.8 | 87 |
| 12 | Wearable Mobile-Based Emotional Response-Monitoring System for Drivers. IEEE Transactions on Human-Machine Systems, 2017, 47, 636-649. | 3.5 | 34 |
| 13 | Wearable Glove-Type Driver Stress Detection Using a Motion Sensor. IEEE Transactions on Intelligent Transportation Systems, 2017, 18, 1835-1844. | 8.0 | 58 |
| 14 | Stress Events Detection of Driver by Wearable Glove System. IEEE Sensors Journal, 2016, , 1-1. | 4.7 | 43 |
| 15 | Standalone Wearable Driver Drowsiness Detection System in a Smartwatch. IEEE Sensors Journal, 2016, 16, 5444-5451. | 4.7 | 52 |
| 16 | Smartwatch-Based Driver Vigilance Indicator With Kernel-Fuzzy-C-Means-Wavelet Method. IEEE Sensors Journal, 2016, 16, 242-253. | 4.7 | 36 |
| 17 | Wristband-Type Driver Vigilance Monitoring System Using Smartwatch. IEEE Sensors Journal, 2015, 15, 5624-5633. | 4.7 | 42 |
| 18 | Mobile Healthcare for Automatic Driving Sleep-Onset Detection Using Wavelet-Based EEG and Respiration Signals. Sensors, 2014, 14, 17915-17936. | 3.8 | 128 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | A Smartphone-Based Driver Safety Monitoring System Using Data Fusion. Sensors, 2012, 12, 17536-17552. | 3.8 | 105 |
| 20 | MULTI-CLASSIFIER FOR HIGHLY RELIABLE DRIVER DROWSINESS DETECTION IN ANDROID PLATFORM. Biomedical Engineering - Applications, Basis and Communications, 2012, 24, 147-154. | 0.6 | 14 |
| 21 | Driver Alertness Monitoring Using Fusion of Facial Features and Bio-Signals. IEEE Sensors Journal, 2012, 12, 2416-2422. | 4.7 | 144 |
| 22 | WSN based 3D mobile indoor multiple user tracking. , 2009, , . | | 4 |