

# Mariachiara Ricci

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1656417/publications.pdf>

Version: 2024-02-01

20  
papers

253  
citations

1163117

8  
h-index

1474206

9  
g-index

20  
all docs

20  
docs citations

20  
times ranked

204  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Assessment of Motor Impairments in Early Untreated Parkinson's Disease Patients: The Wearable Electronics Impact. IEEE Journal of Biomedical and Health Informatics, 2020, 24, 120-130.   | 6.3 | 45        |
| 2  | Sign Language Recognition Using Wearable Electronics: Implementing k-Nearest Neighbors with Dynamic Time Warping and Convolutional Neural Network Algorithms. Sensors, 2020, 20, 3879.    | 3.8 | 33        |
| 3  | Wearable-based electronics to objectively support diagnosis of motor impairments in school-aged children. Journal of Biomechanics, 2019, 83, 243-252.                                     | 2.1 | 31        |
| 4  | Technology-Based Objective Measures Detect Subclinical Axial Signs in Untreated, de novo Parkinsonâ€™s Disease. Journal of Parkinson's Disease, 2020, 10, 113-122.                        | 2.8 | 25        |
| 5  | Energy harvesting optimization for built-in power replacement of electronic multisensory architecture. AEU - International Journal of Electronics and Communications, 2019, 107, 170-176. | 2.9 | 20        |
| 6  | A human body powered sensory glove system based on multisource energy harvester. , 2018, , .  |     | 16        |
| 7  | A low-cost energy-harvesting sensory headwear useful for tetraplegic people to drive home automation. AEU - International Journal of Electronics and Communications, 2019, 107, 9-14.     | 2.9 | 16        |
| 8  | Technology-based therapy-response and prognostic biomarkers in a prospective study of a de novo Parkinsonâ€™s disease cohort. Npj Parkinson's Disease, 2021, 7, 82.                       | 5.3 | 10        |
| 9  | Sensory Systems for Human Body Gesture Recognition and Motion Capture. , 2018, , .  |     | 9         |
| 10 | The Impact of Wearable Electronics in Assessing the Effectiveness of Levodopa Treatment in Parkinson's Disease. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 2920-2928.   | 6.3 | 9         |
| 11 | Wearable Electronics Assess the Effectiveness of Transcranial Direct Current Stimulation on Balance and Gait in Parkinsonâ€™s Disease Patients. Sensors, 2019, 19, 5465.                  | 3.8 | 8         |
| 12 | Evaluation of an integrated sensory glove at decreasing joint flexion degree. , 2018, , .   |     | 7         |
| 13 | Ambient assisted living for tetraplegic people by means of an electronic system based on a novel sensory headwear : Increased possibilities for reduced abilities. , 2018, , .            |     | 6         |
| 14 | A novel analytical approach to assess dyskinesia in patients with Parkinson disease. , 2018, , .  |     | 6         |
| 15 | RF energy harvested sensory headwear for quadriplegic people. , 2019, , .   |     | 5         |
| 16 | Assessment of Gait Harmony in Older and Young People. , 2018, , .   |     | 4         |
| 17 | Vocal test Analysis for Assessing Parkinson's Disease at Early Stage. , 2021, , .   |     | 3         |
| 18 | Concept Design of a New Portable Medical Device for Lymphedema Monitoring: A EIT Health ClinMed Summer School Project. , 2019, , .  |     | 0         |

| #  | ARTICLE   | IF | CITATIONS |
|----|---|----|-----------|
| 19 | Low Cost and Fast Development of 3D Printed Gloves for 10 Degrees of Freedom Gesture Recognition. , 2019, , . |    | 0         |
| 20 | Empowering Translation of New Ideas - A EIT Health ClinMed Summer School Overview. , 2019, , .                |    | 0         |