

# Arnaud Gouelle

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3529761/publications.pdf>

Version: 2024-02-01

23  
papers

357  
citations

933447

10  
h-index

839539

18  
g-index

26  
all docs

26  
docs citations

26  
times ranked

595  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Gauging Gait Disorders with a Method Inspired by Motor Control Theories: A Pilot Study in Friedreich's Ataxia. <i>Sensors</i> , 2021, 21, 1144.   | 3.8 | 3         |
| 2  | Evaluation of Prolonged Walking in Persons with Multiple Sclerosis: Reliability of the Spatio-Temporal Walking Variables during the 6-Minute Walk Test. <i>Sensors</i> , 2021, 21, 3075.  | 3.8 | 7         |
| 3  | Mobility Deviations in Adults With Human Immunodeficiency Virus: A Cross-Sectional Assessment Using Gait Analysis, Functional Performance, and Self-Report. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofab425.           | 0.9 | 1         |
| 4  | Nutritional Formulation for Patients with Angelman Syndrome: A Randomized, Double-Blind, Placebo-Controlled Study of Exogenous Ketones. <i>Journal of Nutrition</i> , 2021, 151, 3628-3636.                                     | 2.9 | 5         |
| 5  | Instrumented Four Square Step Test in Adults with Transfemoral Amputation: Test-Retest Reliability and Discriminant Validity between Two Types of Microprocessor Knees. <i>Sensors</i> , 2020, 20, 4782.                        | 3.8 | 3         |
| 6  | Effect of a Concurrent Cognitive Task, with Stabilizing Visual Information and Withdrawal, on Body Sway Adaptation of Parkinsonian's Patients in an Off-Medication State: A Controlled Study. <i>Sensors</i> , 2020, 20, 5059.  | 3.8 | 9         |
| 7  | Invited Reply to: "Instrumental Analysis of Gait Abnormalities in Idiopathic Rapid Eye Movement Sleep Behavior Disorder". <i>Movement Disorders</i> , 2020, 35, 195-196.  | 3.9 | 0         |
| 8  | Quantitative Gait Analysis in Duplication $15q$ Syndrome and Nonsyndromic $ASD$ . <i>Autism Research</i> , 2020, 13, 1102-1110.   | 3.8 | 11        |
| 9  | Forward and backward walking in Parkinson disease: A factor analysis. <i>Gait and Posture</i> , 2019, 74, 14-19.  | 1.4 | 12        |
| 10 | Subtle gait and balance impairments occur in idiopathic rapid eye movement sleep behavior disorder. <i>Movement Disorders</i> , 2019, 34, 1374-1380.  | 3.9 | 36        |
| 11 | Addressing limitations of the Gait Variability Index to enhance its applicability: The enhanced GVI (EGVI). <i>PLoS ONE</i> , 2018, 13, e0198267.   | 2.5 | 21        |
| 12 | Identification of spatiotemporal gait parameters and pressure-related characteristics in children with Angelman syndrome: A pilot study. <i>Journal of Applied Research in Intellectual Disabilities</i> , 2018, 31, 1219-1224. | 2.0 | 22        |
| 13 | Interpreting Spatiotemporal Parameters, Symmetry, and Variability in Clinical Gait Analysis. , 2018, , 689-707.   |     | 7         |
| 14 | Changes in Gait Variability From First Steps to Adulthood: Normative Data for the Gait Variability Index. <i>Journal of Motor Behavior</i> , 2016, 48, 249-255.   | 0.9 | 32        |
| 15 | Interpreting Spatiotemporal Parameters, Symmetry, and Variability in Clinical Gait Analysis. , 2016, , 1-20.  |     | 8         |
| 16 | The gait variability index, a new composite measure of gait variability, decreases with aging. <i>Physiotherapy</i> , 2015, 101, e105-e106.   | 0.4 | 0         |
| 17 | Validity of the Gait Variability Index in older adults: Effect of aging and mobility impairments. <i>Gait and Posture</i> , 2015, 41, 941-946.  | 1.4 | 31        |
| 18 | Use of Functional Ambulation Performance Score as measurement of gait ability: Review. <i>Journal of Rehabilitation Research and Development</i> , 2014, 51, 665-674.   | 1.6 | 32        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Impact of Spasticity and Cognitive Dual-Task on Gait Variability and Asymmetry in Adults With Neurological Disorders. Archives of Physical Medicine and Rehabilitation, 2014, 95, e86.         | 0.9 | 2         |
| 20 | Assessment of upper limb function in young Friedreich ataxia patients compared to control subjects using a new three-dimensional kinematic protocol. Clinical Biomechanics, 2013, 28, 386-394. | 1.2 | 11        |
| 21 | The Gait Variability Index: A new way to quantify fluctuation magnitude of spatiotemporal parameters during gait. Gait and Posture, 2013, 38, 461-465.   | 1.4 | 83        |
| 22 | Validity of Functional Ambulation Performance Score for the Evaluation of Spatiotemporal Parameters of Children's Gait. Journal of Motor Behavior, 2011, 43, 95-100.                           | 0.9 | 21        |
| 23 | Evaluating walking dynamic stability: A spatiotemporal parameters based score. Annals of Physical and Rehabilitation Medicine, 2011, 54, e139.   | 2.3 | 0         |