

Francesca Lunardini

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

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citations

1039406

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940134

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times ranked

327
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Investigating the effects of COVID-19 lockdown on Italian children and adolescents with and without neurodevelopmental disorders: a cross-sectional study. <i>Current Psychology</i> , 2023, 42, 8615-8631. | 1.7 | 10 |
| 2 | Integrating Social Assistive Robots, IoT, Virtual Communities and Smart Objects to Assist at-Home Independently Living Elders: the MoveCare Project. <i>International Journal of Social Robotics</i> , 2023, 15, 517-545. | 3.1 | 9 |
| 3 | Self-reported impact of the COVID-19 pandemic and lockdown on young patients with tic disorders: findings from a case-control study. <i>Neurological Sciences</i> , 2022, 43, 3497-3501. | 0.9 | 6 |
| 4 | A Smart Ink Pen for the Ecological Assessment of Age-Related Changes in Writing and Tremor Features. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021, 70, 1-13. | 2.4 | 12 |
| 5 | A mobile app to transparently distinguish single- from dual-task walking for the ecological monitoring of age-related changes in daily-life gait. <i>Gait and Posture</i> , 2021, 86, 27-32. | 0.6 | 16 |
| 6 | Uncanny but not confusing: Multisite study of perceptual category confusion in the Uncanny Valley. <i>Computers in Human Behavior</i> , 2020, 103, 21-30. | 5.1 | 41 |
| 7 | IoT ink pen for ecological monitoring of daily life handwriting*. , 2020, 2020, 5749-5752. | | 3 |
| 8 | A Tablet-Based App to Discriminate Children at Potential Risk of Handwriting Alterations in a Preliteracy Stage. , 2020, 2020, 5856-5859. | | 6 |
| 9 | Validity and usability of a smart ball-driven serious game to monitor grip strength in independent elderly. <i>Health Informatics Journal</i> , 2020, 26, 1952-1968. | 1.1 | 7 |
| 10 | A Virtual Caregiver for Assisted Daily Living of Pre-frail Users. <i>Lecture Notes in Computer Science</i> , 2020, , 176-189. | 1.0 | 6 |
| 11 | Supervised Digital Neuropsychological Tests for Cognitive Decline in Older Adults: Usability and Clinical Validity Study. <i>JMIR MHealth and UHealth</i> , 2020, 8, e17963. | 1.8 | 22 |
| 12 | A Tablet App for Handwriting Skill Screening at the Preliteracy Stage: Instrument Validation Study. <i>JMIR Serious Games</i> , 2020, 8, e20126. | 1.7 | 21 |
| 13 | Vibro-tactile EMG-based biofeedback induces changes of muscle activity patterns in childhood dystonia. , 2019, , . | | 3 |
| 14 | The MOVECARE Project: Home-based Monitoring of Frailty. , 2019, , . | | 13 |
| 15 | A Tablet-based Application to Study the Speed-Accuracy Tradeoff in Handwriting throughout Lifespan. , 2019, , . | | 0 |
| 16 | Evaluating the Acceptability of Assistive Robots for Early Detection of Mild Cognitive Impairment. , 2019, , . | | 9 |
| 17 | Synergy-Based Myocontrol of a Multiple Degree-of-Freedom Humanoid Robot for Functional Tasks. , 2019, 2019, 5108-5112. | | 0 |
| 18 | EMG-based vibro-tactile biofeedback training: effective learning accelerator for children and adolescents with dystonia? A pilot crossover trial. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2019, 16, 150. | 2.4 | 6 |

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|----|--|-----|-----------|
| 19 | Validity of digital Trail Making Test and Bells Test in elderlies. , 2019, , . | | 9 |
| 20 | Exergame for Continuous and Transparent Monitoring of Handgrip Strength and Endurance. Biosystems and Biorobotics, 2019, , 596-600. | 0.2 | 2 |
| 21 | Digitalized Cognitive Assessment mediated by a Virtual Caregiver. , 2018, , . | | 6 |
| 22 | Exergaming for balance training, transparent monitoring, and social inclusion of community-dwelling elderly. , 2017, , . | | 7 |
| 23 | Children With and Without Dystonia Share Common Muscle Synergies While Performing Writing Tasks. Annals of Biomedical Engineering, 2017, 45, 1949-1962. | 1.3 | 20 |
| 24 | Synergy-Based Myocontrol of a Two Degree of Freedom Robotic Arm in Children with Dystonia. Biosystems and Biorobotics, 2017, , 595-599. | 0.2 | 3 |
| 25 | Rehabilitation Technologies for Cerebral Palsy. Biosystems and Biorobotics, 2016, , 87-108. | 0.2 | 2 |
| 26 | Robustness and Reliability of Synergy-Based Myocontrol of a Multiple Degree of Freedom Robotic Arm. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2016, 24, 940-950. | 2.7 | 54 |
| 27 | EMG-based vibro-tactile biofeedback improves motor control in children with secondary dystonia: two case reports. Neuropsychiatry, 2016, 06, . | 0.4 | 5 |
| 28 | Increased task-uncorrelated muscle activity in childhood dystonia. Journal of NeuroEngineering and Rehabilitation, 2015, 12, 52. | 2.4 | 21 |
| 29 | Muscle synergies in children with dystonia capture “healthy” patterns regardless the altered motor performance. , 2015, 2015, 2099-102. | | 8 |
| 30 | Speed-Accuracy Trade-Off in a Trajectory-Constrained Self-Feeding Task. Journal of Child Neurology, 2015, 30, 1676-1685. | 0.7 | 21 |
| 31 | Dystonia: Altered Sensorimotor Control and Vibro-tactile EMG-Based Biofeedback Effects. IFMBE Proceedings, 2014, , 1742-1746. | 0.2 | 8 |