

Francesca Lunardini

List of Publications by Year in descending order

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31
papers

356
citations

1040056

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34
docs citations

34
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.	2.8	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.	4.6	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.	1.9	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.	4.7	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.	1.4	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.	8.5	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.	2.1	7
10	A Virtual Caregiver for Assisted Daily Living of Pre-frail Users. <i>Lecture Notes in Computer Science</i> , 2020, , 176-189.	1.3	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.	3.7	22
12	A Tablet App for Handwriting Skill Screening at the Preliteracy Stage: Instrument Validation Study. <i>JMIR Serious Games</i> , 2020, 8, e20126.	3.1	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.	4.6	6

#	ARTICLE	IF	CITATIONS
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.	0.3	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.	2.5	20
24	Synergy-Based Myocontrol of a Two Degree of Freedom Robotic Arm in Children with Dystonia. Biosystems and Biorobotics, 2017, , 595-599.	0.3	3
25	Rehabilitation Technologies for Cerebral Palsy. Biosystems and Biorobotics, 2016, , 87-108.	0.3	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.	4.9	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.	4.6	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.	1.4	21
31	Dystonia: Altered Sensorimotor Control and Vibro-tactile EMG-Based Biofeedback Effects. IFMBE Proceedings, 2014, , 1742-1746.	0.3	8