

Francesca Lunardini

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9434054/publications.pdf>

Version: 2024-02-01

31
papers

356
citations

1039406

9
h-index

940134

16
g-index

34
all docs

34
docs citations

34
times ranked

327
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Uncanny but not confusing: Multisite study of perceptual category confusion in the Uncanny Valley. Computers in Human Behavior, 2020, 103, 21-30.	5.1	41
3	Supervised Digital Neuropsychological Tests for Cognitive Decline in Older Adults: Usability and Clinical Validity Study. JMIR MHealth and UHealth, 2020, 8, e17963.	1.8	22
4	Increased task-uncorrelated muscle activity in childhood dystonia. Journal of NeuroEngineering and Rehabilitation, 2015, 12, 52.	2.4	21
5	Speed-Accuracy Trade-Off in a Trajectory-Constrained Self-Feeding Task. Journal of Child Neurology, 2015, 30, 1676-1685.	0.7	21
6	A Tablet App for Handwriting Skill Screening at the Preliteracy Stage: Instrument Validation Study. JMIR Serious Games, 2020, 8, e20126.	1.7	21
7	Children With and Without Dystonia Share Common Muscle Synergies While Performing Writing Tasks. Annals of Biomedical Engineering, 2017, 45, 1949-1962.	1.3	20
8	A mobile app to transparently distinguish single- from dual-task walking for the ecological monitoring of age-related changes in daily-life gait. Gait and Posture, 2021, 86, 27-32.	0.6	16
9	The MOVECARE Project: Home-based Monitoring of Frailty. , 2019, , .		13
10	A Smart Ink Pen for the Ecological Assessment of Age-Related Changes in Writing and Tremor Features. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-13.	2.4	12
11	Investigating the effects of COVID-19 lockdown on Italian children and adolescents with and without neurodevelopmental disorders: a cross-sectional study. Current Psychology, 2023, 42, 8615-8631.	1.7	10
12	Evaluating the Acceptability of Assistive Robots for Early Detection of Mild Cognitive Impairment. , 2019, , .		9
13	Validity of digital Trail Making Test and Bells Test in elderlies. , 2019, , .		9
14	Integrating Social Assistive Robots, IoT, Virtual Communities and Smart Objects to Assist at-Home Independently Living Elders: the MoveCare Project. International Journal of Social Robotics, 2023, 15, 517-545.	3.1	9
15	Muscle synergies in children with dystonia capture “healthy” patterns regardless the altered motor performance. , 2015, 2015, 2099-102.		8
16	Dystonia: Altered Sensorimotor Control and Vibro-tactile EMG-Based Biofeedback Effects. IFMBE Proceedings, 2014, , 1742-1746.	0.2	8
17	Exergaming for balance training, transparent monitoring, and social inclusion of community-dwelling elderly. , 2017, , .		7
18	Validity and usability of a smart ballâ€driven serious game to monitor grip strength in independent elderlies. Health Informatics Journal, 2020, 26, 1952-1968.	1.1	7

#	ARTICLE	IF	CITATIONS
19	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
20	A Tablet-Based App to Discriminate Children at Potential Risk of Handwriting Alterations in a Preliteracy Stage. , 2020, 2020, 5856-5859.		6
21	A Virtual Caregiver for Assisted Daily Living of Pre-frail Users. <i>Lecture Notes in Computer Science</i> , 2020, , 176-189.	1.0	6
22	Digitalized Cognitive Assessment mediated by a Virtual Caregiver. , 2018, , .		6
23	Self-reported impact of the COVID-19 pandemic and lockdown on young patients with tic disorders: findings from a caseâ€“control study. <i>Neurological Sciences</i> , 2022, 43, 3497-3501.	0.9	6
24	EMG-based vibro-tactile biofeedback improves motor control in children with secondary dystonia: two case reports. <i>Neuropsychiatry</i> , 2016, 06, .	0.4	5
25	Vibro-tactile EMG-based biofeedback induces changes of muscle activity patterns in childhood dystonia. , 2019, , .		3
26	IoT ink pen for ecological monitoring of daily life handwriting*. , 2020, 2020, 5749-5752.		3
27	Synergy-Based Myocontrol of a Two Degree of Freedom Robotic Arm in Children with Dystonia. <i>Biosystems and Biorobotics</i> , 2017, , 595-599.	0.2	3
28	Rehabilitation Technologies for Cerebral Palsy. <i>Biosystems and Biorobotics</i> , 2016, , 87-108.	0.2	2
29	Exergame for Continuous and Transparent Monitoring of Handgrip Strength and Endurance. <i>Biosystems and Biorobotics</i> , 2019, , 596-600.	0.2	2
30	A Tablet-based Application to Study the Speed-Accuracy Tradeoff in Handwriting throughout Lifespan. , 2019, , .		0
31	Synergy-Based Myocontrol of a Multiple Degree-of-Freedom Humanoid Robot for Functional Tasks. , 2019, 2019, 5108-5112.		0