

Alessandro Moscatelli

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/607456/publications.pdf>

Version: 2024-02-01

50
papers

1,139
citations

430442

18
h-index

414034

32
g-index

55
all docs

55
docs citations

55
times ranked

1180
citing authors

#	ARTICLE	IF	CITATIONS
1	HaptiTrack: A Novel Device for the Evaluation of Tactile Sensitivity in Active and in Passive Tasks. <i>Biosystems and Biorobotics</i> , 2022, , 617-621.	0.2	0
2	The BDNF Val66Met Polymorphism (rs6265) Modulates Inflammation and Neurodegeneration in the Early Phases of Multiple Sclerosis. <i>Genes</i> , 2022, 13, 332.	1.0	5
3	Interleukin 6 SNP rs1818879 Regulates Radiological and Inflammatory Activity in Multiple Sclerosis. <i>Genes</i> , 2022, 13, 897.	1.0	3
4	Haptic and Somesthetic Communication in Sexual Medicine. <i>Sexual Medicine Reviews</i> , 2021, 9, 267-279.	1.5	8
5	The Effects of Visual Parabolic Motion on the Subjective Vertical and on Interception. <i>Neuroscience</i> , 2021, 453, 124-137.	1.1	1
6	A Novel Device Decoupling Tactile Slip and Hand Motion in Reaching Tasks: The HaptiTrack Device. <i>IEEE Transactions on Haptics</i> , 2021, 14, 1-1.	1.8	4
7	The microRNA let-7b-5p Is Negatively Associated with Inflammation and Disease Severity in Multiple Sclerosis. <i>Cells</i> , 2021, 10, 330.	1.8	24
8	Role of Tactile Noise in the Control of Digit Normal Force. <i>Frontiers in Psychology</i> , 2021, 12, 612558.	1.1	1
9	Controlling Hand Movements Relying on Tactile Illusions: A Model Predictive Control Framework. , 2021, , .		1
10	Visual pursuit biases tactile velocity perception. <i>Journal of Neurophysiology</i> , 2021, 126, 540-549.	0.9	4
11	The interaction between motion and texture in the sense of touch. <i>Journal of Neurophysiology</i> , 2021, 126, 1375-1390.	0.9	20
12	Age at Disease Onset Associates With Oxidative Stress, Neuroinflammation, and Impaired Synaptic Plasticity in Relapsing-Remitting Multiple Sclerosis. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 694651.	1.7	9
13	On the Role of Lateral Force in Texture-Induced Motion Bias During Reaching Tasks. <i>IEEE Transactions on Haptics</i> , 2020, 13, 233-238.	1.8	2
14	Illusory changes in the perceived speed of motion derived from proprioception and touch. <i>Journal of Neurophysiology</i> , 2019, 122, 1555-1565.	0.9	9
15	Motion direction, luminance contrast, and speed perception: An unexpected meeting. <i>Journal of Vision</i> , 2019, 19, 16.	0.1	10
16	Touch as an auxiliary proprioceptive cue for movement control. <i>Science Advances</i> , 2019, 5, eaaw3121.	4.7	22
17	Contact with Sliding over a Rotating Ridged Surface: the Turntable Illusion. , 2019, , .		2
18	W-FYD: A Wearable Fabric-Based Display for Haptic Multi-Cue Delivery and Tactile Augmented Reality. <i>IEEE Transactions on Haptics</i> , 2018, 11, 304-316.	1.8	36

#	ARTICLE	IF	CITATIONS
19	Towards a Technology-Based Assessment of Sensory-Motor Pathological States Through Tactile Illusions. , 2018, , .		3
20	Rolling Motion Along an Incline: Visual Sensitivity to the Relation Between Acceleration and Slope. <i>Frontiers in Neuroscience</i> , 2018, 12, 406.	1.4	18
21	Multidigit force control during unconstrained grasping in response to object perturbations. <i>Journal of Neurophysiology</i> , 2017, 117, 2025-2036.	0.9	20
22	Intercepting virtual balls approaching under different gravity conditions: evidence for spatial prediction. <i>Journal of Neurophysiology</i> , 2017, 118, 2421-2434.	0.9	26
23	Tactile slip and hand displacement: Bending hand motion with tactile illusions. , 2017, , .		11
24	The Change in Fingertip Contact Area as a Novel Proprioceptive Cue. <i>Current Biology</i> , 2016, 26, 1159-1163.	1.8	60
25	Going round the bend: Persistent personal biases in walked angles. <i>Neuroscience Letters</i> , 2016, 617, 72-75.	1.0	11
26	Towards a synergy framework across neuroscience and robotics: Lessons learned and open questions. Reply to comments on: "Hand synergies: Integration of robotics and neuroscience for understanding the control of biological and artificial hands". <i>Physics of Life Reviews</i> , 2016, 17, 54-60.	1.5	13
27	Hand synergies: Integration of robotics and neuroscience for understanding the control of biological and artificial hands. <i>Physics of Life Reviews</i> , 2016, 17, 1-23.	1.5	191
28	Sensorymotor Synergies: Fusion of Cutaneous Touch and Proprioception in the Perceived Hand Kinematics. <i>Springer Series on Touch and Haptic Systems</i> , 2016, , 87-98.	0.2	5
29	Digit Position and Force Synergies During Unconstrained Grasping. <i>Springer Series on Touch and Haptic Systems</i> , 2016, , 29-40.	0.2	2
30	The Aikido inspiration to safety and efficiency: an investigation on forward roll impact forces. <i>Advances in Intelligent Systems and Computing</i> , 2016, , 119-127.	0.5	0
31	Illusory Tactile Motion Perception: An Analog of the Visual Filehne Illusion. <i>Scientific Reports</i> , 2015, 5, 14584.	1.6	25
32	Depth discrimination of constant angular size stimuli in action space: role of accommodation and convergence cues. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 511.	1.0	16
33	The role of vibration in tactile speed perception. <i>Journal of Neurophysiology</i> , 2015, 114, 3131-3139.	0.9	34
34	Implied Dynamics Biases the Visual Perception of Velocity. <i>PLoS ONE</i> , 2014, 9, e93020.	1.1	14
35	Coordination of multi-digit positions and forces during unconstrained grasping in response to object perturbations. , 2014, , .		10
36	How long did it last? You would better ask a human. <i>Frontiers in Neurorobotics</i> , 2014, 8, 2.	1.6	23

#	ARTICLE	IF	CITATIONS
37	Path integration in tactile perception of shapes. Behavioural Brain Research, 2014, 274, 355-364.	1.2	22
38	A Change in the Fingertip Contact Area Induces an Illusory Displacement of the Finger. Lecture Notes in Computer Science, 2014, , 72-79.	1.0	10
39	The Haptic Analog of the Visual Aubert-Fleischl Phenomenon. Lecture Notes in Computer Science, 2014, , 34-40.	1.0	4
40	Short interval intracortical facilitation correlates with the degree of disability in multiple sclerosis. Brain Stimulation, 2013, 6, 67-71.	0.7	34
41	Navigation in the fingertip. , 2013, , .		4
42	Visual gravitational motion and the vestibular system in humans. Frontiers in Integrative Neuroscience, 2013, 7, 101.	1.0	61
43	Opposite Roles of NMDA Receptors in Relapsing and Primary Progressive Multiple Sclerosis. PLoS ONE, 2013, 8, e67357.	1.1	29
44	Modeling psychophysical data at the population-level: The generalized linear mixed model. Journal of Vision, 2012, 12, 26-26.	0.1	159
45	White matter changes in patients with hypoxic amnesia. Neurocase, 2011, 17, 46-56.	0.2	7
46	Locus of spatial attention determines inward-outward anisotropy in crowding. Journal of Vision, 2011, 11, 1-1.	0.1	62
47	Time perception of action photographs is more precise than that of still photographs. Experimental Brain Research, 2011, 210, 25-32.	0.7	18
48	The weight of time: Gravitational force enhances discrimination of visual motion duration. Journal of Vision, 2011, 11, 5-5.	0.1	43
49	Tempo Rubato: Animacy Speeds Up Time in the Brain. PLoS ONE, 2010, 5, e15638.	1.1	29
50	The evaluation of tactile dysfunction in the hand in type 1 diabetes: a novel method based on haptics. Acta Diabetologica, 0, , .	1.2	2