

Laura Mandolesi

List of Publications by Year in descending order

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Version: 2024-02-01

72
papers

2,594
citations

279487

23
h-index

205818

48
g-index

81
all docs

81
docs citations

81
times ranked

2714
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Physical Exercise on Cognitive Functioning and Wellbeing: Biological and Psychological Benefits. <i>Frontiers in Psychology</i> , 2018, 9, 509.	1.1	462
2	Environmental enrichment promotes improved spatial abilities and enhanced dendritic growth in the rat. <i>Behavioural Brain Research</i> , 2005, 163, 78-90.	1.2	421
3	On whether the environmental enrichment may provide cognitive and brain reserves. <i>Brain Research Reviews</i> , 2009, 61, 221-239.	9.1	196
4	Representation of actions in rats: The role of cerebellum in learning spatial performances by observation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 2320-2325.	3.3	95
5	Dopamine in the Medial Prefrontal Cortex Controls Genotype-Dependent Effects of Amphetamine on Mesoaccumbens Dopamine Release and Locomotion. <i>Neuropsychopharmacology</i> , 2004, 29, 72-80.	2.8	89
6	The Neuroprotective Effects of Experience on Cognitive Functions: Evidence from Animal Studies on the Neurobiological Bases of Brain Reserve. <i>Neuroscience</i> , 2018, 370, 218-235.	1.1	86
7	Cerebellar contribution to spatial event processing: characterization of procedural learning. <i>Experimental Brain Research</i> , 1999, 127, 1-11.	0.7	83
8	Cerebellar contribution to spatial event processing: involvement in procedural and working memory components. <i>European Journal of Neuroscience</i> , 2001, 14, 2011-2022.	1.2	71
9	Watch how to do it! New advances in learning by observation. <i>Brain Research Reviews</i> , 2003, 42, 252-264.	9.1	67
10	Environmental Enrichment Provides a Cognitive Reserve to be Spent in the Case of Brain Lesion. <i>Journal of Alzheimer's Disease</i> , 2008, 15, 11-28.	1.2	57
11	Environmental Factors Promoting Neural Plasticity: Insights from Animal and Human Studies. <i>Neural Plasticity</i> , 2017, 2017, 1-10.	1.0	57
12	Flexible brain dynamics underpins complex behaviours as observed in Parkinson's disease. <i>Scientific Reports</i> , 2021, 11, 4051.	1.6	48
13	Mindfulness Meditation Is Related to Long-Lasting Changes in Hippocampal Functional Topology during Resting State: A Magnetoencephalography Study. <i>Neural Plasticity</i> , 2018, 2018, 1-9.	1.0	44
14	Cerebellar contribution to spatial event processing: do spatial procedures contribute to formation of spatial declarative knowledge?. <i>European Journal of Neuroscience</i> , 2003, 18, 2618-2626.	1.2	42
15	Spatial competences in Williams syndrome: a radial arm maze study. <i>International Journal of Developmental Neuroscience</i> , 2009, 27, 205-213.	0.7	38
16	Cognitive Performances of Cholinergically Depleted Rats Following Chronic Donepezil Administration. <i>Journal of Alzheimer's Disease</i> , 2009, 17, 161-176.	1.2	38
17	Executive functioning profiles in elite volleyball athletes: Preliminary results by a sport-specific task switching protocol. <i>Human Movement Science</i> , 2019, 63, 73-81.	0.6	35
18	Environmental enrichment mitigates the effects of basal forebrain lesions on cognitive flexibility. <i>Neuroscience</i> , 2008, 154, 444-453.	1.1	34

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19	Cerebellar involvement in cognitive flexibility. <i>Neurobiology of Learning and Memory</i> , 2009, 92, 310-317.	1.0	30
20	Children's radial arm maze performance as a function of age and sex. <i>International Journal of Developmental Neuroscience</i> , 2009, 27, 789-797.	0.7	27
21	Psychosocial variables and quality of life during the COVID-19 lockdown: a correlational study on a convenience sample of young Italians. <i>PeerJ</i> , 2020, 8, e10611.	0.9	27
22	In vivo evidence that genetic background controls impulse-dependent dopamine release induced by amphetamine in the nucleus accumbens. <i>Journal of Neurochemistry</i> , 2004, 89, 494-502.	2.1	26
23	Mutations in the SPAST gene causing hereditary spastic paraplegia are related to global topological alterations in brain functional networks. <i>Neurological Sciences</i> , 2019, 40, 979-984.	0.9	26
24	Learning power of single behavioral units in acquisition of a complex spatial behavior: An observational learning study in cerebellar-lesioned rats. <i>Behavioral Neuroscience</i> , 2002, 116, 116-125.	0.6	24
25	Effects of Chronic Donepezil Treatment and Cholinergic Deafferentation on Parietal Pyramidal Neuron Morphology. <i>Journal of Alzheimer's Disease</i> , 2009, 17, 177-191.	1.2	24
26	Further to the Left: Stress-Induced Increase of Spatial Pseudoneglect During the COVID-19 Lockdown. <i>Frontiers in Psychology</i> , 2021, 12, 573846.	1.1	24
27	NMDA receptor activity in learning spatial procedural strategies. <i>Brain Research Bulletin</i> , 2006, 70, 356-367.	1.4	23
28	The NMDA receptor antagonist CGS 19755 disrupts recovery following cerebellar lesions. <i>Restorative Neurology and Neuroscience</i> , 2006, 24, 1-7.	0.4	23
29	Explorative function in Williams syndrome analyzed through a large-scale task with multiple rewards. <i>Research in Developmental Disabilities</i> , 2011, 32, 972-985.	1.2	21
30	Cerebellar Damage Loosens the Strategic Use of the Spatial Structure of the Search Space. <i>Cerebellum</i> , 2010, 9, 29-41.	1.4	19
31	Cognitive performance of healthy young rats following chronic donepezil administration. <i>Psychopharmacology</i> , 2008, 197, 661-673.	1.5	18
32	A new paradigm to analyze observational learning in rats. <i>Brain Research Protocols</i> , 2003, 12, 83-90.	1.7	15
33	NMDA receptor activity in learning spatial procedural strategies. <i>Brain Research Bulletin</i> , 2006, 70, 347-355.	1.4	15
34	Spatial Competences in Prader-Willi Syndrome: A Radial Arm Maze Study. <i>Behavior Genetics</i> , 2011, 41, 445-456.	1.4	15
35	Learning by Observation: Insights from Williams Syndrome. <i>PLoS ONE</i> , 2013, 8, e53782.	1.1	15
36	Brain Networks and Cognitive Impairment in Parkinson's Disease. <i>Brain Connectivity</i> , 2022, 12, 465-475.	0.8	15

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37	Functional Role of Internal and External Visual Imagery: Preliminary Evidences from Pilates. <i>Neural Plasticity</i> , 2018, 2018, 1-8.	1.0	14
38	The Development of Spatial Memory Analyzed by Means of Ecological Walking Task. <i>Frontiers in Psychology</i> , 2019, 10, 728.	1.1	14
39	The beneficial effects of physical exercise on visuospatial working memory in preadolescent children. <i>AIMS Neuroscience</i> , 2021, 8, 496-509.	1.0	14
40	The progressive loss of brain network fingerprints in Amyotrophic Lateral Sclerosis predicts clinical impairment. <i>NeuroImage: Clinical</i> , 2022, 35, 103095.	1.4	14
41	Is the cerebellum involved in the visuo-locomotor associative learning?. <i>Behavioural Brain Research</i> , 2007, 184, 47-56.	1.2	13
42	Learning by observation and learning by doing in Prader-Willi syndrome. <i>Journal of Neurodevelopmental Disorders</i> , 2015, 7, 6.	1.5	13
43	A night of sleep deprivation alters brain connectivity and affects specific executive functions. <i>Neurological Sciences</i> , 2022, 43, 1025-1034.	0.9	13
44	Nutrition and cognition across the lifetime: an overview on epigenetic mechanisms. <i>AIMS Neuroscience</i> , 2021, 8, 448-476.	1.0	13
45	Effects of spatial food distribution on search behavior in rats (<i>Rattus norvegicus</i>).. <i>Journal of Comparative Psychology (Washington, D C: 1983)</i> , 2007, 121, 290-299.	0.3	12
46	Features of sequential learning in hemicerbellectomized rats. <i>Journal of Neuroscience Research</i> , 2010, 88, 478-486.	1.3	11
47	Observational Learning in Low-Functioning Children With Autism Spectrum Disorders: A Behavioral and Neuroimaging Study. <i>Frontiers in Psychology</i> , 2018, 9, 2737.	1.1	11
48	An automated magnetoencephalographic data cleaning algorithm. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2019, 22, 1116-1125.	0.9	9
49	Neuronal Avalanches to Study the Coordination of Large-Scale Brain Activity: Application to Rett Syndrome. <i>Frontiers in Psychology</i> , 2020, 11, 550749.	1.1	9
50	Is learning by observation impaired in children with dyslexia?. <i>Neuropsychologia</i> , 2011, 49, 1996-2003.	0.7	8
51	Cortical Metabolic Deficits in a Rat Model of Cholinergic Basal Forebrain Degeneration. <i>Neurochemical Research</i> , 2013, 38, 2114-2123.	1.6	8
52	Are the deficits in navigational abilities present in the Williams syndrome related to deficits in the backward inhibition?. <i>Frontiers in Psychology</i> , 2015, 6, 287.	1.1	8
53	Learning by observation and learning by doing in Down and Williams syndromes. <i>Developmental Science</i> , 2018, 21, e12642.	1.3	8
54	Peripersonal Visuospatial Abilities in Williams Syndrome Analyzed by a Table Radial Arm Maze Task. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 254.	1.0	8

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55	Behavioral Restriction Determines Left Attentional Bias: Preliminary Evidences From COVID-19 Lockdown. <i>Frontiers in Psychology</i> , 2021, 12, 650715.	1.1	8
56	Explorative function in Prader-Willi syndrome analyzed through an ecological spatial task. <i>Research in Developmental Disabilities</i> , 2015, 38, 97-107.	1.2	6
57	When the going gets tough, what happens to quiet eye? The role of time pressure and performance pressure during basketball free throws. <i>Psychology of Sport and Exercise</i> , 2022, 58, 102057.	1.1	6
58	Are young children able to learn exploratory strategies by observation?. <i>Psychological Research</i> , 2018, 82, 1212-1223.	1.0	5
59	Application of Real and Virtual Radial Arm Maze Task in Human. <i>Brain Sciences</i> , 2022, 12, 468.	1.1	5
60	Learning power of single behavioral units in acquisition of a complex spatial behavior: an observational learning study in cerebellar-lesioned rats. <i>Behavioral Neuroscience</i> , 2002, 116, 116-25.	0.6	4
61	Moral Judgement along the Academic Training. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 10.	1.2	3
62	Curiosity Killed the Cat but Not Memory: Enhanced Performance in High-Curiosity States. <i>Brain Sciences</i> , 2022, 12, 846.	1.1	2
63	Can Stimulus Valence Modulate Task-Switching Ability? A Pilot Study on Primary School Children. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 6409.	1.2	1
64	Immaginare di fare. , 2012, , 105-110.		0
65	Movimento, atto motorio e azione. , 2012, , 25-30.		0
66	Migliorare e proteggere le abilità motorie. , 2012, , 123-136.		0
67	Saper far fare e far ri-fare. , 2012, , 111-121.		0
68	Fare. , 2012, , 49-71.		0
69	Voler fare: Quando l'azione diventa cognizione. , 2012, , 73-89.		0
70	Veder fare. , 2012, , 91-104.		0
71	Le neuroscienze: Percorsi storici e metodi di studio dell'attività motoria. , 2012, , 1-23.		0
72	Brain network topology and personality traits: A source level magnetoencephalographic study. <i>Scandinavian Journal of Psychology</i> , 2022, 63, 495-503.	0.8	0