

# Giovanna D'arcangelo

## List of Publications by Year in descending order

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43  
papers

1,861  
citations

394390

19  
h-index

254170

43  
g-index

43  
all docs

43  
docs citations

43  
times ranked

2328  
citing authors

#	ARTICLE	IF	CITATIONS
1	Physical Exercise and Health: A Focus on Its Protective Role in Neurodegenerative Diseases. <i>Journal of Functional Morphology and Kinesiology</i> , 2022, 7, 38.	2.4	15
2	Role of Electrostatic Interactions in Calcitonin Prefibrillar Oligomer-Induced Amyloid Neurotoxicity and Protective Effect of Neuraminidase. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3947.	4.1	2
3	Increased COVID-19 Lockdown Burden in Italian Adults with Gastrointestinal Diseases. <i>Nutrients</i> , 2021, 13, 1820.	4.1	2
4	Aerobic Exercise Induces Alternative Splicing of Neurexins in Frontal Cortex. <i>Journal of Functional Morphology and Kinesiology</i> , 2021, 6, 48.	2.4	2
5	Amyloid Prefibrillar Oligomers: The Surprising Commonalities in Their Structure and Activity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6435.	4.1	15
6	Neurodegeneration in Niemann-Pick Type C Disease: An Updated Review on Pharmacological and Non-Pharmacological Approaches to Counteract Brain and Cognitive Impairment. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6600.	4.1	15
7	Dose-Response Effect of Vibratory Stimulus on Synaptic and Muscle Plasticity in a Middle-Aged Murine Model. <i>Frontiers in Physiology</i> , 2021, 12, 678449.	2.8	13
8	Modulation of Synaptic Plasticity by Vibratory Training in Young and Old Mice. <i>Brain Sciences</i> , 2021, 11, 82.	2.3	15
9	Hippocampal Adaptations to Continuous Aerobic Training: A Functional and Ultrastructural Evaluation in a Young Murine Model. <i>Journal of Functional Morphology and Kinesiology</i> , 2021, 6, 101.	2.4	6
10	Effects of Different Continuous Aerobic Training Protocols in a Heterozygous Mouse Model of Niemann-Pick Type C Disease. <i>Journal of Functional Morphology and Kinesiology</i> , 2020, 5, 53.	2.4	5
11	Beneficial Effects of Physical Activity on Subjects with Neurodegenerative Disease. <i>Journal of Functional Morphology and Kinesiology</i> , 2020, 5, 94.	2.4	5
12	Identification of Aberrantly-Expressed Long Non-Coding RNAs in Osteoblastic Cells from Osteoporotic Patients. <i>Biomedicines</i> , 2020, 8, 65.	3.2	15
13	Effects of Simulated Microgravity on Muscle Stem Cells Activity. <i>Cellular Physiology and Biochemistry</i> , 2020, 54, 736-747.	1.6	17
14	Different continuous training modalities result in distinctive effects on muscle structure, plasticity and function. <i>Biomedical Reports</i> , 2020, 12, 267-275.	2.0	7
15	Calcitonin native prefibrillar oligomers but not monomers induce membrane damage that triggers NMDA-mediated Ca <sup>2+</sup> -influx, LTP impairment and neurotoxicity. <i>Scientific Reports</i> , 2019, 9, 5144.	3.3	9
16	Effects of short-term aerobic exercise in a mouse model of Niemann-Pick type C disease on synaptic and muscle plasticity. <i>Annali Dell'Istituto Superiore Di Sanita</i> , 2019, 55, 330-337.	0.4	9
17	Intermittent Fasting Applied in Combination with Rotenone Treatment Exacerbates Dopamine Neurons Degeneration in Mice. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 4.	3.7	21
18	Modulation of synaptic plasticity by short-term aerobic exercise in adult mice. <i>Behavioural Brain Research</i> , 2017, 332, 59-63.	2.2	15

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19	Early Hippocampal i-LTP and LOX-1 Overexpression Induced by Anoxia: A Potential Role in Neurodegeneration in NPC Mouse Model. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1442.	4.1	9
20	Modulation of GDF11 expression and synaptic plasticity by age and training. <i>Oncotarget</i> , 2017, 8, 57991-58002.	1.8	14
21	Adenosine Triphosphate stimulates differentiation and mineralization in human osteoblast-like Saos-2 cells. <i>Development Growth and Differentiation</i> , 2016, 58, 400-408.	1.5	28
22	Performance Analysis in Saber. <i>Journal of Strength and Conditioning Research</i> , 2013, 27, 624-630.	2.1	31
23	Glutamatergic neurotransmission in a mouse model of Niemann-Pick Type C Disease. <i>Brain Research</i> , 2011, 1396, 11-19.	2.2	26
24	Cholesterol depletion inhibits electrophysiological changes induced by anoxia in CA1 region of rat hippocampal slices. <i>Brain Research</i> , 2009, 1298, 178-185.	2.2	12
25	Reduced GABAB receptor subunit expression and paired-pulse depression in a genetic model of absence seizures. <i>Neurobiology of Disease</i> , 2007, 25, 631-641.	4.4	54
26	Neocortical Hyperexcitability in a Genetic Model of Absence Seizures and Its Reduction by Levetiracetam. <i>Epilepsia</i> , 2006, 47, 1144-1152.	5.1	9
27	Impaired Activation of CA3 Pyramidal Neurons in the Epileptic Hippocampus. <i>NeuroMolecular Medicine</i> , 2005, 7, 325-342.	3.4	44
28	Synaptic hyperexcitability of deep layer neocortical cells in a genetic model of absence seizures. <i>Genes, Brain and Behavior</i> , 2005, 5, 73-84.	2.2	49
29	Repetitive low-frequency stimulation reduces epileptiform synchronization in limbic neuronal networks. <i>Neurobiology of Disease</i> , 2005, 19, 119-128.	4.4	76
30	Epileptiform Synchronization and GABAB Receptor Antagonism in the Juvenile Rat Hippocampus. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2002, 303, 1102-1113.	2.5	22
31	Network and pharmacological mechanisms leading to epileptiform synchronization in the limbic system in vitro. <i>Progress in Neurobiology</i> , 2002, 68, 167-207.	5.7	402
32	Limbic Network Interactions Leading to Hyperexcitability in a Model of Temporal Lobe Epilepsy. <i>Journal of Neurophysiology</i> , 2002, 87, 634-639.	1.8	59
33	Neocortical Potassium Currents Are Enhanced by the Antiepileptic Drug Lamotrigine. <i>Epilepsia</i> , 2002, 43, 685-690.	5.1	55
34	Thalamocortical oscillations in a genetic model of absence seizures. <i>European Journal of Neuroscience</i> , 2002, 16, 2383-2393.	2.6	40
35	Intrinsic Optical Signals and Electrographic Seizures in the Rat Limbic System. <i>Neurobiology of Disease</i> , 2001, 8, 993-1005.	4.4	17
36	Thalamocortical connectivity in a rat brain slice preparation: participation of the ventrobasal complex to synchronous activities. <i>Thalamus &amp; Related Systems</i> , 2001, 1, 169.	0.5	2

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37	Interleukin-6 inhibits neurotransmitter release and the spread of excitation in the rat cerebral cortex. <i>European Journal of Neuroscience</i> , 2000, 12, 1241-1252.	2.6	96
38	The Inhibitory Effects of Interleukin-6 on Synaptic Plasticity in the Rat Hippocampus Are Associated with an Inhibition of Mitogen-Activated Protein Kinase ERK. <i>Journal of Neurochemistry</i> , 2000, 75, 634-643.	3.9	206
39	Multiple actions of the novel anticonvulsant drug topiramate in the rat subiculum in vitro. <i>Brain Research</i> , 1998, 807, 125-134.	2.2	29
40	Reduction of excitation by interleukin-1 $\beta$ in rat neocortical slices visualized using infrared darkfield videomicroscopy. <i>NeuroReport</i> , 1997, 8, 2079-2083.	1.2	17
41	Induction of Epileptiform Activity by Temperature Elevation in Hippocampal Slices from Young Rats: An In Vitro Model for Febrile Seizures?. <i>Epilepsia</i> , 1992, 33, 228-234.	5.1	41
42	Tumor necrosis factor alters synaptic transmission in rat hippocampal slices. <i>Neuroscience Letters</i> , 1992, 146, 176-178.	2.1	282
43	Interferon inhibits synaptic potentiation in rat hippocampus. <i>Brain Research</i> , 1991, 564, 245-248.	2.2	53