Virginia Tancredi

List of Publications by Year
in descending order

87 papers	2,842 citations	218381 26 h-index	182168 51 g-index
87 all docs	87 docs citations	87 times ranked	3256 citing authors

#	Article	IF	Citations
1	Network and pharmacological mechanisms leading to epileptiform synchronization in the limbic system in vitro. Progress in Neurobiology, 2002, 68, 167-207.	2.8	402
2	Tumor necrosis factor alters synaptic transmission in rat hippocampal slices. Neuroscience Letters, 1992, 146, 176-178.	1.0	282
3	The Inhibitory Effects of Interleukin-6 on Synaptic Plasticity in the Rat Hippocampus Are Associated with an Inhibition of Mitogen-Activated Protein Kinase ERK. Journal of Neurochemistry, 2002, 75, 634-643.	2.1	206
4	Low magnesium epileptogenesis in the rat hippocampal slice: electrophysiological and pharmacological features. Brain Research, 1990, 511, 280-290.	1.1	142
5	Interleukin-2 suppresses established long-term potentiation and inhibits its induction in the rat hippocampus. Brain Research, 1990, 525, 149-151.	1.1	129
6	Cholesterol depletion inhibits synaptic transmission and synaptic plasticity in rat hippocampus. Experimental Neurology, 2008, 212, 407-414.	2.0	104
7	Interleukin-6 inhibits neurotransmitter release and the spread of excitation in the rat cerebral cortex. European Journal of Neuroscience, 2000, 12, 1241-1252.	1.2	96
8	Repetitive low-frequency stimulation reduces epileptiform synchronization in limbic neuronal networks. Neurobiology of Disease, 2005, 19, 119-128.	2.1	76
9	Limbic Network Interactions Leading to Hyperexcitability in a Model of Temporal Lobe Epilepsy. Journal of Neurophysiology, 2002, 87, 634-639.	0.9	59
10	Neocortical Potassium Currents Are Enhanced by the Antiepileptic Drugâ€ƒLamotrigine. Epilepsia, 2002, 43, 685-690.	2.6	55
11	Reduced GABAB receptor subunit expression and paired-pulse depression in a genetic model of absence seizures. Neurobiology of Disease, 2007, 25, 631-641.	2.1	54
12	Interferon inhibits synaptic potentiation in rat hippocampus. Brain Research, 1991, 564, 245-248.	1.1	53
13	Spindle-Like Thalamocortical Synchronization in a Rat Brain Slice Preparation. Journal of Neurophysiology, 2000, 84, 1093-1097.	0.9	46
14	Radiological, Histological and Chemical Analysis of Breast Microcalcifications: Diagnostic Value and Biological Significance. Journal of Mammary Gland Biology and Neoplasia, 2018, 23, 89-99.	1.0	46
15	GABA_B Receptor Activation Promotes Seizure Activity in the Juvenile Rat Hippocampus. Journal of Neurophysiology, 1999, 82, 638-647.	0.9	45
16	Impaired Activation of CA3 Pyramidal Neurons in the Epileptic Hippocampus. NeuroMolecular Medicine, 2005, 7, 325-342.	1.8	44
17	Phosphorylation Changes of CaMKII, ERK1/2, PKB/Akt Kinases and CREB Activation During Early Long-Term Potentiation at Schaffer Collateral-CA1 Mouse Hippocampal Synapses. Neurochemical Research, 2010, 35, 239-246.	1.6	42
18	Impairment of PTX3 expression in osteoblasts: a key element for osteoporosis. Cell Death and Disease, 2017, 8, e3125-e3125.	2.7	41

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19	Thalamocortical oscillations in a genetic model of absence seizures. European Journal of Neuroscience, 2002, 16, 2383-2393.	1.2	40
20	4-Aminopyridine-induced epileptogenesis depends on activation of mitogen-activated protein kinase ERK. Journal of Neurochemistry, 2004, 89, 654-659.	2.1	39
21	Role of Physical Activity in Boneâ€“Muscle Crosstalk: Biological Aspects and Clinical Implications. Journal of Functional Morphology and Kinesiology, 2021, 6, 55.	1.1	35
22	Failure of the antiepileptic drug valproic acid to modify synaptic and non-synaptic responses of CA1 hippocampal pyramidal cells maintained â€˜in vitroâ€™. Epilepsy Research, 1989, 3, 227-231.	0.8	34
23	Low-magnesium epilepsy in rat hippocampal slices: Inhibitory postsynaptic potentials in the CA1 subfield. Neuroscience Letters, 1988, 89, 293-298.	1.0	33
24	Performance Analysis in Saber. Journal of Strength and Conditioning Research, 2013, 27, 624-630.	1.0	31
25	Multiple actions of the novel anticonvulsant drug topiramate in the rat subiculum in vitro. Brain Research, 1998, 807, 125-134.	1.1	29
26	Adenosine Triphosphate stimulates differentiation and mineralization in human osteoblastâ€like Saosâ€2 cells. Development Growth and Differentiation, 2016, 58, 400-408.	0.6	28
27	Chronic Pain in Musculoskeletal Diseases: Do You Know Your Enemy?. Journal of Clinical Medicine, 2022, 11, 2609.	1.0	28
28	Effect of segmental muscle vibration on upper extremity functional ability poststroke. Medicine (United States), 2019, 98, e14444.	0.4	27
29	Glutamatergic neurotransmission in a mouse model of Niemannâ€“Pick Type C Disease. Brain Research, 2011, 1396, 11-19.	1.1	26
30	Sarcopenia: a histological and immunohistochemical study on age-related muscle impairment. Aging Clinical and Experimental Research, 2015, 27, 51-60.	1.4	24
31	Ambulatory assessment of shoulder abduction strength curve using a single wearable inertial sensor. Journal of Rehabilitation Research and Development, 2015, 52, 171-180.	1.6	23
32	Electrophysiology of regular firing cells in the rat perirhinal cortex. Hippocampus, 2001, 11, 662-672.	0.9	22
33	Epileptiform Synchronization and GABAB Receptor Antagonism in the Juvenile Rat Hippocampus. Journal of Pharmacology and Experimental Therapeutics, 2002, 303, 1102-1113.	1.3	22
34	Miglustat Reverts the Impairment of Synaptic Plasticity in a Mouse Model of NPC Disease. Neural Plasticity, 2016, 2016, 1-9.	1.0	22
35	Plaque calcification is driven by different mechanisms of mineralization associated with specific cardiovascular risk factors. Nutrition, Metabolism and Cardiovascular Diseases, 2019, 29, 1330-1336.	1.1	22
36	Satellite Cells CD44 Positive Drive Muscle Regeneration in Osteoarthritis Patients. Stem Cells International, 2015, 2015, 1-11.	1.2	21

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37	BMP-2 Variants in Breast Epithelial to Mesenchymal Transition and Microcalcifications Origin. Cells, 2020, 9, 1381.	1.8	20
38	Prostate cancer and inflammation: A new molecular imaging challenge in the era of personalized medicine. Nuclear Medicine and Biology, 2019, 68-69, 66-79.	0.3	19
39	Intrinsic Optical Signals and Electrographic Seizures in the Rat Limbic System. Neurobiology of Disease, 2001, 8, 993-1005.	2.1	17
40	99mTC-sestamibi breast imaging: Current status, new ideas and future perspectives. Seminars in Cancer Biology, 2022, 84, 302-309.	4.3	17
41	Effects of Simulated Microgravity on Muscle Stem Cells Activity. Cellular Physiology and Biochemistry, 2020, 54, 736-747.	1.1	17
42	Behavioural and EEG effects induced by an amphetamine like substance (cathinone) in rats. Pharmacological Research Communications, 1980, 12, 959-964.	0.2	15
43	Depression of hippocampal low calcium field bursts by the antiepileptic drug valproic acid. Neuroscience Letters, 1985, 60, 57-62.	1.0	15
44	Identification of Aberrantly-Expressed Long Non-Coding RNAs in Osteoblastic Cells from Osteoporotic Patients. Biomedicines, 2020, 8, 65.	1.4	15
45	Neurodegeneration in Niemannâ€“Pick Type C Disease: An Updated Review on Pharmacological and Non-Pharmacological Approaches to Counteract Brain and Cognitive Impairment. International Journal of Molecular Sciences, 2021, 22, 6600.	1.8	15
46	Modulation of Synaptic Plasticity by Vibratory Training in Young and Old Mice. Brain Sciences, 2021, 11, 82.	1.1	15
47	Physical Exercise and Health: A Focus on Its Protective Role in Neurodegenerative Diseases. Journal of Functional Morphology and Kinesiology, 2022, 7, 38.	1.1	15
48	Modulation of GDF11 expression and synaptic plasticity by age and training. Oncotarget, 2017, 8, 57991-58002.	0.8	14
49	State of Fragility Fractures Management during the COVID-19 Pandemic. International Journal of Environmental Research and Public Health, 2020, 17, 7732.	1.2	13
50	Doseâ€“Response Effect of Vibratory Stimulus on Synaptic and Muscle Plasticity in a Middle-Aged Murine Model. Frontiers in Physiology, 2021, 12, 678449.	1.3	13
51	Cholesterol depletion inhibits electrophysiological changes induced by anoxia in CA1 region of rat hippocampal slices. Brain Research, 2009, 1298, 178-185.	1.1	12
52	Role of Myostatin in Muscle Degeneration by Random Positioning Machine Exposure: An in vitro Study for the Treatment of Sarcopenia. Frontiers in Physiology, 2022, 13, 782000.	1.3	12
53	Acute effects of static and dynamic stretching on jump performance after 15 min of reconditioning shooting phase in basketball players. Journal of Sports Medicine and Physical Fitness, 2017, 57, 330-337.	0.4	11
54	Body composition analysis to study long-term training effects in elite male water polo athletes. Journal of Sports Medicine and Physical Fitness, 2018, 58, 1269-1274.	0.4	11

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55	Effects of long-term stimulation of textured insoles on postural control in health elderly. Journal of Sports Medicine and Physical Fitness, 2018, 58, 377-384.	0.4	10
56	Long-lasting changes in synaptic excitability induced bt anoxia in the rat hippocampus. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 1997, 21, 211-232.	2.5	9
57	Neocortical Hyperexcitability in a Genetic Model of Absence Seizures and Its Reduction by Levetiracetam. Epilepsia, 2006, 47, 1144-1152.	2.6	9
58	Early Hippocampal i-LTP and LOX-1 Overexpression Induced by Anoxia: A Potential Role in Neurodegeneration in NPC Mouse Model. International Journal of Molecular Sciences, 2017, 18, 1442.	1.8	9
59	Calcitonin native prefibrillar oligomers but not monomers induce membrane damage that triggers NMDA-mediated Ca2+-influx, LTP impairment and neurotoxicity. Scientific Reports, 2019, 9, 5144.	1.6	9
60	Effects of short-term aerobic exercise in a mouse model of Niemann-Pick type C disease on synaptic and muscle plasticity. Annali Dell'Istituto Superiore Di Sanita, 2019, 55, 330-337.	0.2	9
61	Testing and Training of the Eggbeater Kick Movement in Water Polo. Journal of Strength and Conditioning Research, 2015, 29, 2758-2764.	1.0	7
62	New approach to evaluate late arm impairment and effects of dragon boat activity in breast cancer survivors. Medicine (United States), 2017, 96, e8400.	0.4	7
63	Water versus land-based exercises as physical training programs in elderly. Journal of Sports Medicine and Physical Fitness, 2018, 58, 802-809.	0.4	7
64	Different continuous training modalities result in distinctive effects on muscle structure, plasticity and function. Biomedical Reports, 2020, 12, 267-275.	0.9	7
65	Extracellular Magnesium and Anticonvulsant Effects of Valproate in Young Rat Hippocampus. Epilepsia, 1995, 36, 404-409.	2.6	6
66	Hippocampal Adaptations to Continuous Aerobic Training: A Functional and Ultrastructural Evaluation in a Young Murine Model. Journal of Functional Morphology and Kinesiology, 2021, 6, 101.	1.1	6
67	Exposure to Random Positioning Machine Alters the Mineralization Process and PTX3 Expression in the SAOS-2 Cell Line. Life, 2022, 12, 610.	1.1	6
68	Anthropometric and performance measures to study talent detection in youth volleyball. Journal of Sports Medicine and Physical Fitness, 2017, 57, 1623-1632.	0.4	5
69	Effect of textured insoles on postural control during static upright posture following lower limb muscle fatigue. Journal of Sports Medicine and Physical Fitness, 2019, 59, 246-252.	0.4	5
70	Effects of Different Continuous Aerobic Training Protocols in a Heterozygous Mouse Model of Niemann-Pick Type C Disease. Journal of Functional Morphology and Kinesiology, 2020, 5, 53.	1.1	5
71	Beneficial Effects of Physical Activity on Subjects with Neurodegenerative Disease. Journal of Functional Morphology and Kinesiology, 2020, 5, 94.	1.1	5
72	Actual Playing Time of Water Polo Players in Relation to the Field Position. Journal of Human Kinetics, 2020, 73, 241-249.	0.7	5

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73	Late Isometric Assessment of Hip Abductor Muscle and Its Relationship with Functional Tests in Elderly Women Undergoing Replacement of Unilateral Hip Joint. American Journal of Physical Medicine and Rehabilitation, 2015, 94, 758-767.	0.7	4
74	Use of the pedometer in the evaluation of the effects of rehabilitation treatment on deambulatory autonomy in patients with lower limb arthroplasty during hospital rehabilitation: long-term postoperative outcomes. Journal of Physical Therapy Science, 2020, 32, 243-250.	0.2	3
75	Interactions between amino acid neurotransmitters and flurazepam in the neocortex of unanesthetized rats. Journal of Neuroscience Research, 1983, 9, 159-164.	1.3	2
76	Contribution of GABAA-mediated conductances to anoxia-induced depolarization. NeuroReport, 1998, 9, 4189-4192.	0.6	2
77	Thalamocortical connectivity in a rat brain slice preparation: participation of the ventrobasal complex to synchronous activities. Thalamus & Related Systems, 2001, 1, 169.	0.5	2
78	Role of Electrostatic Interactions in Calcitonin Prefibrillar Oligomer-Induced Amyloid Neurotoxicity and Protective Effect of Neuraminidase. International Journal of Molecular Sciences, 2021, 22, 3947.	1.8	2
79	Aerobic Exercise Induces Alternative Splicing of Neurexins in Frontal Cortex. Journal of Functional Morphology and Kinesiology, 2021, 6, 48.	1.1	2
80	Effects of Repetitive Activation and Changes in External Ionic Environment on Hippocampal CA1 Pyramidal Cell Afterhyperpolarizations. Epilepsia, 1990, 31, 123-130.	2.6	1
81	Mandibular regeneration after immediate load dental implant in a periodontitis patient. Medicine (United States), 2017, 96, e6600.	0.4	1
82	Role of physical activity in onset, prevention and treatment of human neoplasms. Future Oncology, 2019, 15, 1181-1183.	1.1	1
83	Simulated microgravity: An efficient model for the study of age-related bone and muscle diseases. Journal of Translational Science, 2020, 7, .	0.2	1
84	New aspects for match analysis to improve understanding of game scenario and training organization in top-level male water polo players. Journal of Sports Medicine and Physical Fitness, 2022, 62, .	0.4	1
85	Effects of halogenated volatile anaesthetics upon snail nerve cell activity. Comparative Biochemistry and Physiology Part C: Comparative Pharmacology, 1982, 73, 1-7.	0.2	0
86	Joint Mobility Protection during the Developmental Age among Free Climbing Practitioners: A Pilot Study. Journal of Functional Morphology and Kinesiology, 2020, 5, 14.	1.1	0
87	Physical Characteristics and Performance Tests in Male Water Polo: A Multiple Regression Analysis on Youth. International Journal of Environmental Research and Public Health, 2022, 19, 8241.	1.2	0