

# Marcello D ascenzo

## List of Publications by Citations

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34  
papers

1,508  
citations

20  
h-index

37  
g-index

37  
ext. papers

1,731  
ext. citations

6.1  
avg, IF

3.89  
L-index

#	Paper	IF	Citations
34	50-Hz extremely low frequency electromagnetic fields enhance cell proliferation and DNA damage: possible involvement of a redox mechanism. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2005</b> , 1743, 120-9	4.9	195
33	mGluR5 stimulates gliotransmission in the nucleus accumbens. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 1995-2000	11.5	181
32	Effects of 50 Hz electromagnetic fields on voltage-gated Ca <sup>2+</sup> channels and their role in modulation of neuroendocrine cell proliferation and death. <i>Cell Calcium</i> , <b>2004</b> , 35, 307-15	4	154
31	Role of L-type Ca <sup>2+</sup> channels in neural stem/progenitor cell differentiation. <i>European Journal of Neuroscience</i> , <b>2006</b> , 23, 935-44	3.5	118
30	Brain insulin resistance impairs hippocampal synaptic plasticity and memory by increasing GluA1 palmitoylation through FoxO3a. <i>Nature Communications</i> , <b>2017</b> , 8, 2009	17.4	93
29	Intracellular accumulation of amyloid- $\beta$ protein plays a major role in $\beta$ -induced alterations of glutamatergic synaptic transmission and plasticity. <i>Journal of Neuroscience</i> , <b>2014</b> , 34, 12893-903	6.6	76
28	Electrophysiological and molecular evidence of L-(Cav1), N- (Cav2.2), and R- (Cav2.3) type Ca <sup>2+</sup> channels in rat cortical astrocytes. <i>Glia</i> , <b>2004</b> , 45, 354-63	9	76
27	Bidirectional astrocyte-neuron communication: the many roles of glutamate and ATP. <i>Novartis Foundation Symposium</i> , <b>2006</b> , 276, 208-17; discussion 217-21, 233-7, 275-81		65
26	Reduced D-serine levels in the nucleus accumbens of cocaine-treated rats hinder the induction of NMDA receptor-dependent synaptic plasticity. <i>Brain</i> , <b>2013</b> , 136, 1216-30	11.2	59
25	Nitric oxide inhibits neuroendocrine Ca(V) <sub>1</sub> L-channel gating via cGMP-dependent protein kinase in cell-attached patches of bovine chromaffin cells. <i>Journal of Physiology</i> , <b>2002</b> , 541, 351-66	3.9	55
24	Intraneuronal A $\beta$ accumulation induces hippocampal neuron hyperexcitability through A-type K(+) current inhibition mediated by activation of caspases and GSK-3. <i>Neurobiology of Aging</i> , <b>2015</b> , 36, 886-900	5.6	53
23	cGMP/protein kinase G-dependent inhibition of N-type Ca <sup>2+</sup> channels induced by nitric oxide in human neuroblastoma IMR32 cells. <i>Journal of Neuroscience</i> , <b>2002</b> , 22, 7485-92	6.6	42
22	Activation of mGluR5 induces spike afterdepolarization and enhanced excitability in medium spiny neurons of the nucleus accumbens by modulating persistent Na <sup>+</sup> currents. <i>Journal of Physiology</i> , <b>2009</b> , 587, 3233-50	3.9	38
21	Astrocytes control neuronal excitability in the nucleus accumbens. <i>Scientific World Journal, The</i> , <b>2007</b> , 7, 89-97	2.2	31
20	Environmental Enrichment and Social Isolation Mediate Neuroplasticity of Medium Spiny Neurons through the GSK3 Pathway. <i>Cell Reports</i> , <b>2018</b> , 23, 555-567	10.6	26
19	Functional role of cyclic nucleotide-gated channels in rat medial vestibular nucleus neurons. <i>Journal of Physiology</i> , <b>2008</b> , 586, 803-15	3.9	26
18	Role of methionine 35 in the intracellular Ca <sup>2+</sup> homeostasis dysregulation and Ca <sup>2+</sup> -dependent apoptosis induced by amyloid beta-peptide in human neuroblastoma IMR32 cells. <i>Journal of Neurochemistry</i> , <b>2008</b> , 107, 1070-82	6	25

17	Modulation of Ca(v)1 and Ca(v)2.2 channels induced by nitric oxide via cGMP-dependent protein kinase. <i>Neurochemistry International</i> , <b>2004</b> , 45, 885-93	4.4	24
16	Expression of olfactory-type cyclic nucleotide-gated channels in rat cortical astrocytes. <i>Glia</i> , <b>2012</b> , 60, 1391-405	9	20
15	Ca <sup>2+</sup> channel inhibition induced by nitric oxide in rat insulinoma RINm5F cells. <i>Pflugers Archiv European Journal of Physiology</i> , <b>1999</b> , 437, 241-7	4.6	20
14	Loss of Leptin-Induced Modulation of Hippocampal Synaptic Transmission and Signal Transduction in High-Fat Diet-Fed Mice. <i>Frontiers in Cellular Neuroscience</i> , <b>2017</b> , 11, 225	6.1	19
13	Nitric oxide increases the spontaneous firing rate of rat medial vestibular nucleus neurons in vitro via a cyclic GMP-mediated PKG-independent mechanism. <i>European Journal of Neuroscience</i> , <b>2004</b> , 20, 2124-32	3.5	17
12	Altered Nup153 Expression Impairs the Function of Cultured Hippocampal Neural Stem Cells Isolated from a Mouse Model of Alzheimer's Disease. <i>Molecular Neurobiology</i> , <b>2019</b> , 56, 5934-5949	6.2	16
11	Role of cyclic nucleotide-gated channels in the modulation of mouse hippocampal neurogenesis. <i>PLoS ONE</i> , <b>2013</b> , 8, e73246	3.7	16
10	The role of D-serine as co-agonist of NMDA receptors in the nucleus accumbens: relevance to cocaine addiction. <i>Frontiers in Synaptic Neuroscience</i> , <b>2014</b> , 6, 16	3.5	14
9	Chronic mild stress alters synaptic plasticity in the nucleus accumbens through GSK3 $\beta$ -dependent modulation of Kv4.2 channels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 8143-8153	11.5	12
8	Graphene Quantum Dots Surface Chemistry Modulates the Sensitivity of Glioblastoma Cells to Chemotherapeutics. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	11
7	Dopaminergic-GABAergic interplay and alcohol binge drinking. <i>Pharmacological Research</i> , <b>2019</b> , 141, 384-391	10.2	7
6	Enhanced Chemotherapy for Glioblastoma Multiforme Mediated by Functionalized Graphene Quantum Dots. <i>Materials</i> , <b>2020</b> , 13,	3.5	6
5	GSK3 $\beta$ Modulates Timing-Dependent Long-Term Depression Through Direct Phosphorylation of Kv4.2 Channels. <i>Cerebral Cortex</i> , <b>2019</b> , 29, 1851-1865	5.1	6
4	Targeting dexamethasone to macrophages. <i>Drug Delivery</i> , <b>1995</b> , 2, 151-155	7	3
3	Mapping of the FGF14:Nav1.6 complex interface reveals FLPK as a functionally active peptide modulating excitability. <i>Physiological Reports</i> , <b>2020</b> , 8, e14505	2.6	3
2	Astrocytic Regulation of Synapses, Neuronal Networks, and Behavior <b>2014</b> , 157-165		
1	Neurobiology of depression: The role of glycogen synthase kinase 3 <b>2021</b> , 225-233		