

# Francesco Napolitano

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

49  
papers

1,525  
citations

24  
h-index

38  
g-index

55  
ext. papers

1,763  
ext. citations

5.9  
avg, IF

3.86  
L-index

#	Paper	IF	Citations
49	An Interdisciplinary Approach for Compulsive Behavior in Dogs: A Case Report.. <i>Frontiers in Veterinary Science</i> , <b>2022</b> , 9, 801636	3.1	1
48	Involvement of the Protein Ras Homolog Enriched in the Striatum, Rhes, in Dopaminergic NeuronsX Degeneration: Link to ParkinsonX Disease. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	3
47	Triple-Negative Breast Cancer Comparison With Canine Mammary Tumors From Light Microscopy to Molecular Pathology. <i>Frontiers in Oncology</i> , <b>2020</b> , 10, 563779	5.3	2
46	Rapamycin, by Inhibiting mTORC1 Signaling, Prevents the Loss of Striatal Bidirectional Synaptic Plasticity in a Rat Model of L-DOPA-Induced Dyskinesia. <i>Frontiers in Aging Neuroscience</i> , <b>2020</b> , 12, 230	5.3	10
45	Role of Aquaporins in the Physiological Functions of Mesenchymal Stem Cells. <i>Cells</i> , <b>2020</b> , 9,	7.9	4
44	Lack of Rhes Increases MDMA-Induced Neuroinflammation and Dopamine Neuron Degeneration: Role of Gender and Age. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	13
43	The striatal-enriched protein Rhes is a critical modulator of cocaine-induced molecular and behavioral responses. <i>Scientific Reports</i> , <b>2019</b> , 9, 15294	4.9	5
42	Striatal spreading depolarization: Possible implication in levodopa-induced dyskinetic-like behavior. <i>Movement Disorders</i> , <b>2019</b> , 34, 832-844	7	4
41	Rhes Counteracts Dopamine Neuron Degeneration and Neuroinflammation Depending on Gender and Age. <i>Frontiers in Aging Neuroscience</i> , <b>2018</b> , 10, 163	5.3	6
40	Serotonin depletion causes valproate-responsive manic-like condition and increased hippocampal neuroplasticity that are reversed by stress. <i>Scientific Reports</i> , <b>2018</b> , 8, 11847	4.9	13
39	The Thyroid Hormone-target Gene Rhes a Novel Crossroad for Neurological and Psychiatric Disorders: New Insights from Animal Models. <i>Neuroscience</i> , <b>2018</b> , 384, 419-428	3.9	12
38	Rabphilin 3A: A novel target for the treatment of levodopa-induced dyskinesias. <i>Neurobiology of Disease</i> , <b>2017</b> , 108, 54-64	7.5	26
37	BDNF over-expression induces striatal serotonin fiber sprouting and increases the susceptibility to l-DOPA-induced dyskinesia in 6-OHDA-lesioned rats. <i>Experimental Neurology</i> , <b>2017</b> , 297, 73-81	5.7	41
36	Decreased free d-aspartate levels are linked to enhanced d-aspartate oxidase activity in the dorsolateral prefrontal cortex of schizophrenia patients. <i>NPJ Schizophrenia</i> , <b>2017</b> , 3, 16	5.5	38
35	Decreased Rhes mRNA levels in the brain of patients with ParkinsonX disease and MPTP-treated macaques. <i>PLoS ONE</i> , <b>2017</b> , 12, e0181677	3.7	12
34	Perturbation of Serotonin Homeostasis during Adulthood Affects Serotonergic Neuronal Circuitry. <i>ENeuro</i> , <b>2017</b> , 4,	3.9	28
33	Rasd2 Modulates Prefronto-Striatal Phenotypes in Humans and XSchizophrenia-Like BehaviorsXin Mice. <i>Neuropsychopharmacology</i> , <b>2016</b> , 41, 916-27	8.7	16

32	Inhibition of PID1/NYGGF4/PCL11 gene expression highlights its role in the early events of the cell cycle in NIH3T3 fibroblasts. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2016</b> , 31, 45-53	5.6	1
31	The Small GTP-Binding Protein Rhes Influences Nigrostriatal-Dependent Motor Behavior During Aging. <i>Movement Disorders</i> , <b>2016</b> , 31, 583-9	7	10
30	Modulation of serotonergic transmission by eltoprazine in L-DOPA-induced dyskinesia: Behavioral, molecular, and synaptic mechanisms. <i>Neurobiology of Disease</i> , <b>2016</b> , 86, 140-53	7.5	37
29	Genetic deletion of Rhes or pharmacological blockade of mTORC1 prevent striato-nigral neurons activation in levodopa-induced dyskinesia. <i>Neurobiology of Disease</i> , <b>2016</b> , 85, 155-163	7.5	15
28	Rhes regulates dopamine D2 receptor transmission in striatal cholinergic interneurons. <i>Neurobiology of Disease</i> , <b>2015</b> , 78, 146-61	7.5	19
27	Palmitoylethanolamide reduces pain-related behaviors and restores glutamatergic synapses homeostasis in the medial prefrontal cortex of neuropathic mice. <i>Molecular Brain</i> , <b>2015</b> , 8, 47	4.5	83
26	A role for D-aspartate oxidase in schizophrenia and in schizophrenia-related symptoms induced by phencyclidine in mice. <i>Translational Psychiatry</i> , <b>2015</b> , 5, e512	8.6	34
25	Rhes influences striatal cAMP/PKA-dependent signaling and synaptic plasticity in a gender-sensitive fashion. <i>Scientific Reports</i> , <b>2015</b> , 5, 10933	4.9	27
24	The A1 adenosine receptor as a new player in microglia physiology. <i>Glia</i> , <b>2014</b> , 62, 122-32	9	71
23	Dysfunctional dopaminergic neurotransmission in asocial BTBR mice. <i>Translational Psychiatry</i> , <b>2014</b> , 4, e427	8.6	45
22	Decreased levels of D-aspartate and NMDA in the prefrontal cortex and striatum of patients with schizophrenia. <i>Journal of Psychiatric Research</i> , <b>2013</b> , 47, 1432-7	5.2	67
21	Association of GSK-3 $\beta$ genetic variation with GSK-3 $\beta$ expression, prefrontal cortical thickness, prefrontal physiology, and schizophrenia. <i>American Journal of Psychiatry</i> , <b>2013</b> , 170, 868-76	11.9	50
20	Interleukin-1 $\beta$ causes anxiety by interacting with the endocannabinoid system. <i>Journal of Neuroscience</i> , <b>2012</b> , 32, 13896-905	6.6	72
19	New insights on the role of free D-aspartate in the mammalian brain. <i>Amino Acids</i> , <b>2012</b> , 43, 1861-71	3.5	66
18	A2A adenosine receptor antagonism enhances synaptic and motor effects of cocaine via CB1 cannabinoid receptor activation. <i>PLoS ONE</i> , <b>2012</b> , 7, e38312	3.7	12
17	Persistent increase of D-aspartate in D-aspartate oxidase mutant mice induces a precocious hippocampal age-dependent synaptic plasticity and spatial memory decay. <i>Neurobiology of Aging</i> , <b>2011</b> , 32, 2061-74	5.6	51
16	Increased D-aspartate brain content rescues hippocampal age-related synaptic plasticity deterioration of mice. <i>Neurobiology of Aging</i> , <b>2011</b> , 32, 2229-43	5.6	59
15	Loss of striatal cannabinoid CB1 receptor function in attention-deficit / hyperactivity disorder mice with point-mutation of the dopamine transporter. <i>European Journal of Neuroscience</i> , <b>2011</b> , 34, 1369-77	3.5	18

14	Higher free D-aspartate and N-methyl-D-aspartate levels prevent striatal depotentiation and anticipate L-DOPA-induced dyskinesia. <i>Experimental Neurology</i> , <b>2011</b> , 232, 240-50	5.7	34
13	Identification of a cDNA encoding for Ghrelin in the testis of the frog <i>Pelophylax esculentus</i> and its involvement in spermatogenesis. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2011</b> , 158, 367-73	2.6	5
12	DRD2/AKT1 interaction on D2 c-AMP independent signaling, attentional processing, and response to olanzapine treatment in schizophrenia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 1158-63	11.5	65
11	Rhes, a striatal-enriched small G protein, mediates mTOR signaling and L-DOPA-induced dyskinesia. <i>Nature Neuroscience</i> , <b>2011</b> , 15, 191-3	25.5	79
10	Brain-derived neurotrophic factor controls cannabinoid CB1 receptor function in the striatum. <i>Journal of Neuroscience</i> , <b>2010</b> , 30, 8127-37	6.6	54
9	Role of aberrant striatal dopamine D1 receptor/cAMP/protein kinase A/DARPP32 signaling in the paradoxical calming effect of amphetamine. <i>Journal of Neuroscience</i> , <b>2010</b> , 30, 11043-56	6.6	53
8	Essential oil composition of <i>Teucrium divaricatum</i> Sieb. ssp. <i>villosum</i> (Celak.) Rech. fil. growing wild in Lebanon. <i>Journal of Medicinal Food</i> , <b>2010</b> , 13, 1281-5	2.8	8
7	Dopamine D2 receptor dysfunction is rescued by adenosine A2A receptor antagonism in a model of DYT1 dystonia. <i>Neurobiology of Disease</i> , <b>2010</b> , 38, 434-45	7.5	75
6	D-aspartate: an atypical amino acid with neuromodulatory activity in mammals. <i>Reviews in the Neurosciences</i> , <b>2009</b> , 20, 429-40	4.7	24
5	Notch activation induces neurite remodeling and functional modifications in SH-SY5Y neuronal cells. <i>Developmental Neurobiology</i> , <b>2009</b> , 69, 378-91	3.2	21
4	D-aspartate prevents corticostriatal long-term depression and attenuates schizophrenia-like symptoms induced by amphetamine and MK-801. <i>Journal of Neuroscience</i> , <b>2008</b> , 28, 10404-14	6.6	86
3	A differential proteomic approach reveals an evolutionary conserved regulation of Nme proteins by Fe65 in <i>C. elegans</i> and mouse. <i>Neurochemical Research</i> , <b>2008</b> , 33, 2547-55	4.6	5
2	Chemical Composition and Antibacterial Activity of Extracts of <i>Helleborus bocconeii</i> Ten. subsp. <i>intermedius</i> . <i>Natural Product Communications</i> , <b>2007</b> , 2, 1934578X0700200	0.9	4
1	Essential roles for Fe65, Alzheimer amyloid precursor-binding protein, in the cellular response to DNA damage. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 831-5	5.4	39