

# Saturnino Spiga

## List of Publications by Year in descending order

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34  
papers

1,974  
citations

236925

25  
h-index

377865

34  
g-index

35  
all docs

35  
docs citations

35  
times ranked

2616  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Dopamine Hypothesis of Drug Addiction: Hypodopaminergic State. <i>International Review of Neurobiology</i> , 2005, 63, 101-154.	2.0	228
2	Dynamic changes in pro- and anti-inflammatory cytokines in microglia after PPAR- $\beta$ agonist neuroprotective treatment in the MPTP mouse model of progressive Parkinson's disease. <i>Neurobiology of Disease</i> , 2014, 71, 280-291.	4.4	218
3	Acetaldehyde Increases Dopaminergic Neuronal Activity in the VTA. <i>Neuropsychopharmacology</i> , 2004, 29, 530-536.	5.4	155
4	Changes in GABA <sub>A</sub> Receptor Gene Expression Associated with Selective Alterations in Receptor Function and Pharmacology after Ethanol Withdrawal. <i>Journal of Neuroscience</i> , 2003, 23, 11711-11724.	3.6	119
5	Preferential increase of extracellular dopamine in the rat nucleus accumbens shell as compared to that in the core during acquisition and maintenance of intravenous nicotine self-administration. <i>Psychopharmacology</i> , 2006, 184, 435-446.	3.1	99
6	Hampered long-term depression and thin spine loss in the nucleus accumbens of ethanol-dependent rats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E3745-54.	7.1	82
7	Morphine withdrawal-induced morphological changes in the nucleus accumbens. <i>European Journal of Neuroscience</i> , 2005, 22, 2332-2340.	2.6	80
8	Differential induction of dyskinesia and neuroinflammation by pulsatile versus continuous L-DOPA delivery in the 6-OHDA model of Parkinson's disease. <i>Experimental Neurology</i> , 2016, 286, 83-92.	4.1	75
9	Morphine withdrawal-induced abnormalities in the VTA: confocal laser scanning microscopy. <i>European Journal of Neuroscience</i> , 2003, 17, 605-612.	2.6	63
10	Regional distribution of 5 $\alpha$ -reductase type 2 in the adult rat brain: An immunohistochemical analysis. <i>Psychoneuroendocrinology</i> , 2013, 38, 281-293.	2.7	62
11	The "addicted" spine. <i>Frontiers in Neuroanatomy</i> , 2014, 8, 110.	1.7	53
12	Differential effects of intravenous R,S-(1 <i>½</i> )-3,4-methylenedioxymethamphetamine (MDMA, Ecstasy) and its S(+)- and R(?)-enantiomers on dopamine transmission and extracellular signal regulated kinase phosphorylation (pERK) in the rat nucleus accumbens shell and core. <i>Journal of Neurochemistry</i> , 2007, 102, 121-132.	3.9	51
13	PRECLINICAL STUDY: FULL ARTICLE: Altered architecture and functional consequences of the mesolimbic dopamine system in cannabis dependence. <i>Addiction Biology</i> , 2010, 15, 266-276.	2.6	51
14	Persistent and Reversible Morphine Withdrawal-Induced Morphological Changes in the Nucleus Accumbens. <i>Annals of the New York Academy of Sciences</i> , 2006, 1074, 446-457.	3.8	50
15	Ethanol-Induced Extracellular Signal Regulated Kinase: Role of Dopamine D <sub>1</sub> Receptors. <i>Alcoholism: Clinical and Experimental Research</i> , 2009, 33, 858-867.	2.4	50
16	Boosting phagocytosis and anti-inflammatory phenotype in microglia mediates neuroprotection by PPAR $\beta$ agonist MDG548 in Parkinson's disease models. <i>British Journal of Pharmacology</i> , 2018, 175, 3298-3314.	5.4	48
17	Enhanced Endocannabinoid-Mediated Modulation of Rostromedial Tegmental Nucleus Drive onto Dopamine Neurons in Sardinian Alcohol-Preferring Rats. <i>Journal of Neuroscience</i> , 2014, 34, 12716-12724.	3.6	47
18	Immunomodulatory drugs alleviate dopamine-induced dyskinesia in a rat model of Parkinson's disease. <i>Movement Disorders</i> , 2019, 34, 1818-1830.	3.9	44

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19	Simultaneous Golgi-Cox and immunofluorescence using confocal microscopy. <i>Brain Structure and Function</i> , 2011, 216, 171-182.	2.3	40
20	Angiogenesis and nerve regeneration in a model of human skin equivalent transplant. <i>Life Sciences</i> , 2003, 73, 1985-1994.	4.3	37
21	Role of Dopamine D <sub>1</sub> Receptors and Extracellular Signal Regulated Kinase in the Motivational Properties of Acetaldehyde as Assessed by Place Preference Conditioning. <i>Alcoholism: Clinical and Experimental Research</i> , 2010, 34, 607-616.	2.4	36
22	Neuroinflammation in l-DOPA-induced dyskinesia: beyond the immune function. <i>Journal of Neural Transmission</i> , 2018, 125, 1287-1297.	2.8	35
23	Co-Transplantation of Endothelial Progenitor Cells and Pancreatic Islets to Induce Long-Lasting Normoglycemia in Streptozotocin-Treated Diabetic Rats. <i>PLoS ONE</i> , 2014, 9, e94783.	2.5	30
24	The MPTP/Probenecid Model of Progressive Parkinson's Disease. <i>Methods in Molecular Biology</i> , 2013, 964, 295-308.	0.9	26
25	Dopamine Restores Limbic Memory Loss, Dendritic Spine Structure, and NMDAR-Dependent LTD in the Nucleus Accumbens of Alcohol-Withdrawn Rats. <i>Journal of Neuroscience</i> , 2019, 39, 929-943.	3.6	24
26	Addiction and Cognitive Functions. <i>Annals of the New York Academy of Sciences</i> , 2008, 1139, 299-306.	3.8	23
27	Role of dopamine D <sub>1</sub> receptors in caffeine-mediated ERK phosphorylation in the rat brain. <i>Synapse</i> , 2010, 64, 341-349.	1.2	20
28	Acetaldehyde elicits ERK phosphorylation in the rat nucleus accumbens and extended amygdala. <i>Synapse</i> , 2010, 64, 916-927.	1.2	20
29	Release mechanism of sex pheromone in the female gypsy moth <i>Lymantria dispar</i> : a morpho-functional approach. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2007, 193, 775-785.	1.6	11
30	Nestin and vimentin colocalization affects the subcellular location of glucocorticoid receptor in cutaneous melanoma. <i>Histopathology</i> , 2013, 62, 487-498.	2.9	9
31	Somatostatin in the brain of the cave salamander, <i>Hydromantes genei</i> (Amphibia, Plethodontidae): Immunohistochemical localization and biochemical characterization. <i>Journal of Comparative Neurology</i> , 2004, 475, 163-176.	1.6	5
32	Immunohistochemical localization of atrial natriuretic factor and autoradiographic distribution of atrial natriuretic factor-binding sites in the brain of the cave salamander <i>Hydromantes genei</i> (Amphibia, Plethodontidae). <i>Journal of Comparative Neurology</i> , 2001, 437, 240-258.	1.6	3
33	Evidence of Pituitary Adenylate Cyclase Activating Polypeptide (PACAP) in Pancreatic Islet Cells by Confocal Microscopy. <i>Pancreas</i> , 2001, 23, 68-71.	1.1	2
34	Use of Biocytin as Neuroanatomic Tracer in Harvested Human Pancreas: A Confocal Laser Scanning Microscopy Analysis. <i>Pancreas</i> , 2002, 24, 329-335.	1.1	0