

# Silvia Giatti

## List of Publications by Year in descending order

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61  
papers

2,485  
citations

118326

32  
h-index

177248

49  
g-index

68  
all docs

68  
docs citations

68  
times ranked

2337  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multimodal Comparison of Diabetic Neuropathy in Aged Streptozotocin-Treated Spragueâ€“Dawley and Zucker Diabetic Fatty Rats. <i>Biomedicines</i> , 2023, 11, 20.	3.6	1
2	Diabetic Encephalopathy in a Preclinical Experimental Model of Type 1 Diabetes Mellitus: Observations in Adult Female Rat. <i>International Journal of Molecular Sciences</i> , 2023, 24, 1196.	4.5	8
3	Neuroactive Steroidâ€“Gut Microbiota Interaction in T2DM Diabetic Encephalopathy. <i>Biomolecules</i> , 2023, 13, 1325.	4.4	2
4	Allopregnanolone: An overview on its synthesis and effects. <i>Journal of Neuroendocrinology</i> , 2022, 34, .	3.8	45
5	Diagnostic criteria for enduring sexual dysfunction after treatment with antidepressants, finasteride and isotretinoin. <i>International Journal of Risk and Safety in Medicine</i> , 2022, 33, 65-76.	0.8	24
6	Gut Steroids and Microbiota: Effect of Gonadectomy and Sex. <i>Biomolecules</i> , 2022, 12, 767.	4.4	13
7	Paroxetine effects in adult male rat colon: Focus on gut steroidogenesis and microbiota. <i>Psychoneuroendocrinology</i> , 2022, 143, 105828.	2.5	12
8	Identification of a novel off-target of paroxetine: Possible role in sexual dysfunction induced by this SSRI antidepressant drug. <i>Journal of Molecular Structure</i> , 2022, 1268, 133690.	4.1	5
9	Gut Inflammation Induced by Finasteride Withdrawal: Therapeutic Effect of Allopregnanolone in Adult Male Rats. <i>Biomolecules</i> , 2022, 12, 1567.	4.4	5
10	Three-Dimensional Proteome-Wide Scale Screening for the 5-Alpha Reductase Inhibitor Finasteride: Identification of a Novel Off-Target. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 4553-4566.	6.9	15
11	Effects of paroxetine treatment and its withdrawal on neurosteroidogenesis. <i>Psychoneuroendocrinology</i> , 2021, 132, 105364.	2.5	9
12	Exploring the Impact of the Microbiome on Neuroactive Steroid Levels in Germ-Free Animals. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12551.	4.5	16
13	Sex differences in steroid levels and steroidogenesis in the nervous system: Physiopathological role. <i>Frontiers in Neuroendocrinology</i> , 2020, 56, 100804.	6.5	42
14	Post-finasteride syndrome: An emerging clinical problem. <i>Neurobiology of Stress</i> , 2020, 12, 100209.	3.5	53
15	Physiopathological Role of Neuroactive Steroids in the Peripheral Nervous System. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9000.	4.5	18
16	Sex dimorphism in an animal model of multiple sclerosis: Focus on pregnenolone synthesis. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2020, 199, 105596.	2.4	6
17	Physiopathological role of the enzymatic complex 5 $\alpha$ -reductase and 3 $\beta$ /17 $\alpha$ -hydroxysteroid oxidoreductase in the generation of progesterone and testosterone neuroactive metabolites. <i>Frontiers in Neuroendocrinology</i> , 2020, 57, 100836.	6.5	23
18	Neuroactive steroids, neurosteroidogenesis and sex. <i>Progress in Neurobiology</i> , 2019, 176, 1-17.	6.0	84

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19	Sex differences in the brain expression of steroidogenic molecules under basal conditions and after gonadectomy. <i>Journal of Neuroendocrinology</i> , 2019, 31, .	3.8	30
20	Treatment of male rats with finasteride, an inhibitor of 5alpha-reductase enzyme, induces long-lasting effects on depressive-like behavior, hippocampal neurogenesis, neuroinflammation and gut microbiota composition. <i>Psychoneuroendocrinology</i> , 2019, 99, 206-215.	2.5	49
21	Post-finasteride syndrome and post-SSRI sexual dysfunction: two sides of the same coin?. <i>Endocrine</i> , 2018, 61, 180-193.	2.6	52
22	Neuroactive steroids and diabetic complications in the nervous system. <i>Frontiers in Neuroendocrinology</i> , 2018, 48, 58-69.	6.5	27
23	Diabetes induces mitochondrial dysfunction and alters cholesterol homeostasis and neurosteroidogenesis in the rat cerebral cortex. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 178, 108-116.	2.4	22
24	Axonal transport in a peripheral diabetic neuropathy model: sex-dimorphic features. <i>Biology of Sex Differences</i> , 2018, 9, .	4.7	23
25	Neuroactive Steroids and Sex-Dimorphic Nervous Damage Induced by Diabetes Mellitus. <i>Cellular and Molecular Neurobiology</i> , 2018, 39, 493-502.	4.1	9
26	Diabetes alters myelin lipid profile in rat cerebral cortex: Protective effects of dihydroprogesterone. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 168, 60-70.	2.4	23
27	Neuroactive steroid levels and psychiatric and andrological features in post-finasteride patients. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 171, 229-235.	2.4	65
28	Sterol regulatory element binding protein $\alpha$ 1C knockout mice show altered neuroactive steroid levels in sciatic nerve. <i>Journal of Neurochemistry</i> , 2017, 142, 420-428.	4.0	7
29	Neuroactive Steroids and Neuroinflammation. , 2016, , 149-160.		0
30	Profiling Neuroactive Steroid Levels After Traumatic Brain Injury in Male Mice. <i>Endocrinology</i> , 2016, 157, 3983-3993.	2.7	28
31	Neuroactive steroid levels in healthy and diseased states. <i>European Neuropsychopharmacology</i> , 2016, 26, S122.	0.9	1
32	Levels and actions of neuroactive steroids in the nervous system under physiological and pathological conditions: Sex-specific features. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 67, 25-40.	7.3	76
33	The lipogenic regulator Sterol Regulatory Element Binding Factor-1c is required to maintain peripheral nerve structure and function. <i>SpringerPlus</i> , 2015, 4, .	1.7	0
34	Neuroactive steroids and the peripheral nervous system: An update. <i>Steroids</i> , 2015, 103, 23-30.	2.0	44
35	Correlation of brain levels of progesterone and dehydroepiandrosterone with neurological recovery after traumatic brain injury in female mice. <i>Psychoneuroendocrinology</i> , 2015, 56, 1-11.	2.5	44
36	New steps forward in the neuroactive steroid field. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015, 153, 127-134.	2.4	31

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37	Lack of Sterol Regulatory Element Binding Factor-1c Imposes Glial Fatty Acid Utilization Leading to Peripheral Neuropathy. <i>Cell Metabolism</i> , 2015, 21, 571-583.	26.3	52
38	Patients treated for male pattern hair with finasteride show, after discontinuation of the drug, altered levels of neuroactive steroids in cerebrospinal fluid and plasma. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015, 146, 74-79.	2.4	65
39	Neuroactive steroid levels in plasma and cerebrospinal fluid of male multiple sclerosis patients. <i>Journal of Neurochemistry</i> , 2014, 130, 591-597.	4.0	49
40	Levels and actions of progesterone and its metabolites in the nervous system during physiological and pathological conditions. <i>Progress in Neurobiology</i> , 2014, 113, 56-69.	6.0	103
41	Neuroactive steroid treatment modulates myelin lipid profile in diabetic peripheral neuropathy. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2014, 143, 115-121.	2.4	30
42	Neuroactive Steroid Levels are Modified in Cerebrospinal Fluid and Plasma of Post-Finasteride Patients Showing Persistent Sexual Side Effects and Anxious/Depressive Symptomatology. <i>Journal of Sexual Medicine</i> , 2013, 10, 2598-2603.	0.4	82
43	Comparison of plasma and cerebrospinal fluid levels of neuroactive steroids with their brain, spinal cord and peripheral nerve levels in male and female rats. <i>Psychoneuroendocrinology</i> , 2013, 38, 2278-2290.	2.5	115
44	LXR and TSPO as new therapeutic targets to increase the levels of neuroactive steroids in the central nervous system of diabetic animals. <i>Neurochemistry International</i> , 2012, 60, 616-621.	3.6	40
45	Gender effect on neurodegeneration and myelin markers in an animal model for multiple sclerosis. <i>BMC Neuroscience</i> , 2012, 13, .	2.2	32
46	Multimodal Analysis in Acute and Chronic Experimental Autoimmune Encephalomyelitis. <i>Journal of NeuroImmune Pharmacology</i> , 2012, 8, 238-250.	3.1	16
47	Sex-dimorphic effects of dehydroepiandrosterone in diabetic neuropathy. <i>Neuroscience</i> , 2011, 199, 401-409.	2.5	22
48	Sex differences in the manifestation of peripheral diabetic neuropathy in gonadectomized rats: A correlation with the levels of neuroactive steroids in the sciatic nerve. <i>Experimental Neurology</i> , 2011, 228, 215-221.	4.1	25
49	Role of Neuroactive Steroids in the Peripheral Nervous System. <i>Frontiers in Endocrinology</i> , 2011, 2, .	4.0	40
50	Neuroactive Steroids and Peripheral Neuropathy. , 2011, , 121-135.		0
51	Dihydroprogesterone Increases the Gene Expression of Myelin Basic Protein in Spinal Cord of Diabetic Rats. <i>Journal of Molecular Neuroscience</i> , 2010, 42, 135-139.	2.5	33
52	Sex-dimorphic changes in neuroactive steroid levels after chronic experimental autoimmune encephalomyelitis. <i>Journal of Neurochemistry</i> , 2010, 114, 921-932.	4.0	51
53	Activation of the Liver X Receptor Increases Neuroactive Steroid Levels and Protects from Diabetes-Induced Peripheral Neuropathy. <i>Journal of Neuroscience</i> , 2010, 30, 11896-11901.	3.7	67
54	Acute experimental autoimmune encephalomyelitis induces sex dimorphic changes in neuroactive steroid levels. <i>Neurochemistry International</i> , 2010, 56, 118-127.	3.6	52

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55	Sex differences in neuroactive steroid levels in the nervous system of diabetic and non-diabetic rats. <i>Hormones and Behavior</i> , 2010, 57, 46-55.	2.4	93
56	Neuroprotective effects of a ligand of translocator protein-18kDa (Ro5-4864) in experimental diabetic neuropathy. <i>Neuroscience</i> , 2009, 164, 520-529.	2.5	77
57	Neuroactive steroids and peripheral neuropathy. <i>Brain Research Reviews</i> , 2008, 57, 460-469.	6.9	77
58	Evaluation of neuroactive steroid levels by liquid chromatography-tandem mass spectrometry in central and peripheral nervous system: Effect of diabetes. <i>Neurochemistry International</i> , 2008, 52, 560-568.	3.6	86
59	Neuroprotective effects of dihydroprogesterone and progesterone in an experimental model of nerve crush injury. <i>Neuroscience</i> , 2008, 155, 673-685.	2.5	103
60	Neuroprotective effects of progesterone and its derivatives in acquired peripheral neuropathy. <i>Frontiers in Neuroendocrinology</i> , 2006, 27, 114-115.	6.5	0
61	Sexually dimorphic effect of progesterone and its reduced metabolites on the gene expression of myelin proteins in rat Schwann cells. <i>Frontiers in Neuroendocrinology</i> , 2006, 27, 115.	6.5	0