

# Silvia Giatti

## List of Publications by Year in descending order

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Version: 2024-02-01

62  
papers

2,668  
citations

117453

34  
h-index

189595

50  
g-index

66  
all docs

66  
docs citations

66  
times ranked

2412  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.3	119
2	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.	2.8	113
3	Neuroprotective effects of dihydroprogesterone and progesterone in an experimental model of nerve crush injury. <i>Neuroscience</i> , 2008, 155, 673-685.	1.1	104
4	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.	1.0	97
5	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.	1.9	90
6	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.	0.3	84
7	Neuroprotective effects of a ligand of translocator protein-18kDa (Ro5-4864) in experimental diabetic neuropathy. <i>Neuroscience</i> , 2009, 164, 520-529.	1.1	82
8	Effect of Short and Long Term Gonadectomy on Neuroactive Steroid Levels in the Central and Peripheral Nervous System of Male and Female Rats. <i>Journal of Neuroendocrinology</i> , 2010, 22, 1137-1147.	1.2	81
9	Neuroactive steroids and peripheral neuropathy. <i>Brain Research Reviews</i> , 2008, 57, 460-469.	9.1	79
10	Diabetic neuropathic pain: a role for testosterone metabolites. <i>Journal of Endocrinology</i> , 2014, 221, 1-13.	1.2	76
11	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.	2.9	76
12	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.	1.7	75
13	Neuroactive steroids, neurosteroidogenesis and sex. <i>Progress in Neurobiology</i> , 2019, 176, 1-17.	2.8	75
14	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.	1.2	69
15	Neuroactive steroids, their metabolites, and neuroinflammation. <i>Journal of Molecular Endocrinology</i> , 2012, 49, R125-R134.	1.1	68
16	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.	1.2	67
17	Testosterone derivatives are neuroprotective agents in experimental diabetic neuropathy. <i>Cellular and Molecular Life Sciences</i> , 2007, 64, 1158-1168.	2.4	58
18	Acute experimental autoimmune encephalomyelitis induces sex dimorphic changes in neuroactive steroid levels. <i>Neurochemistry International</i> , 2010, 56, 118-127.	1.9	53

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19	The other side of progestins: effects in the brain. <i>Journal of Molecular Endocrinology</i> , 2016, 57, R109-R126.	1.1	53
20	Neuroprotective Effects of Progesterone in Chronic Experimental Autoimmune Encephalomyelitis. <i>Journal of Neuroendocrinology</i> , 2012, 24, 851-861.	1.2	52
21	Sex-dimorphic changes in neuroactive steroid levels after chronic experimental autoimmune encephalomyelitis. <i>Journal of Neurochemistry</i> , 2010, 114, 921-932.	2.1	51
22	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.	7.2	51
23	Post-finasteride syndrome: An emerging clinical problem. <i>Neurobiology of Stress</i> , 2020, 12, 100209.	1.9	49
24	Neuroactive steroid levels in plasma and cerebrospinal fluid of male multiple sclerosis patients. <i>Journal of Neurochemistry</i> , 2014, 130, 591-597.	2.1	48
25	Post-finasteride syndrome and post-SSRI sexual dysfunction: two sides of the same coin?. <i>Endocrine</i> , 2018, 61, 180-193.	1.1	48
26	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.	1.3	47
27	Neuroactive steroids and the peripheral nervous system: An update. <i>Steroids</i> , 2015, 103, 23-30.	0.8	46
28	Neuroactive steroid treatment modulates myelin lipid profile in diabetic peripheral neuropathy. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2014, 143, 115-121.	1.2	44
29	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.	1.9	43
30	Role of Neuroactive Steroids in the Peripheral Nervous System. <i>Frontiers in Endocrinology</i> , 2011, 2, 104.	1.5	42
31	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.	1.3	41
32	Effects of Subchronic Finasteride Treatment and Withdrawal on Neuroactive Steroid Levels and Their Receptors in the Male Rat Brain. <i>Neuroendocrinology</i> , 2016, 103, 746-757.	1.2	39
33	Sex differences in steroid levels and steroidogenesis in the nervous system: Physiopathological role. <i>Frontiers in Neuroendocrinology</i> , 2020, 56, 100804.	2.5	37
34	Dihydrotestosterone as a Protective Agent in Chronic Experimental Autoimmune Encephalomyelitis. <i>Neuroendocrinology</i> , 2015, 101, 296-308.	1.2	35
35	Gender effect on neurodegeneration and myelin markers in an animal model for multiple sclerosis. <i>BMC Neuroscience</i> , 2012, 13, 12.	0.8	34
36	New steps forward in the neuroactive steroid field. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015, 153, 127-134.	1.2	34

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37	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.	1.1	33
38	Allopregnanolone: An overview on its synthesis and effects. <i>Journal of Neuroendocrinology</i> , 2022, 34, e12996.	1.2	33
39	Neuroactive steroids and diabetic complications in the nervous system. <i>Frontiers in Neuroendocrinology</i> , 2018, 48, 58-69.	2.5	29
40	Sex differences in the brain expression of steroidogenic molecules under basal conditions and after gonadectomy. <i>Journal of Neuroendocrinology</i> , 2019, 31, e12736.	1.2	25
41	Profiling Neuroactive Steroid Levels After Traumatic Brain Injury in Male Mice. <i>Endocrinology</i> , 2016, 157, 3983-3993.	1.4	24
42	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.	1.2	24
43	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.	2.0	23
44	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.	1.2	23
45	Axonal transport in a peripheral diabetic neuropathy model: sex-dimorphic features. <i>Biology of Sex Differences</i> , 2018, 9, 6.	1.8	23
46	Sex-dimorphic effects of dehydroepiandrosterone in diabetic neuropathy. <i>Neuroscience</i> , 2011, 199, 401-409.	1.1	21
47	Physiopathological role of the enzymatic complex 5 $\alpha$ -reductase and 3 $\beta$ /17 $\beta$ -hydroxysteroid oxidoreductase in the generation of progesterone and testosterone neuroactive metabolites. <i>Frontiers in Neuroendocrinology</i> , 2020, 57, 100836.	2.5	20
48	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.	0.3	18
49	Multimodal Analysis in Acute and Chronic Experimental Autoimmune Encephalomyelitis. <i>Journal of Neurolmmune Pharmacology</i> , 2013, 8, 238-250.	2.1	16
50	Physiopathological Role of Neuroactive Steroids in the Peripheral Nervous System. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9000.	1.8	14
51	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.	2.9	14
52	Exploring the Impact of the Microbiome on Neuroactive Steroid Levels in Germ-Free Animals. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12551.	1.8	11
53	Altered methylation pattern of the SRD5A2 gene in the cerebrospinal fluid of post-finasteride patients: a pilot study. <i>Endocrine Connections</i> , 2019, 8, 1118-1125.	0.8	10
54	Gut Steroids and Microbiota: Effect of Gonadectomy and Sex. <i>Biomolecules</i> , 2022, 12, 767.	1.8	9

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55	Paroxetine effects in adult male rat colon: Focus on gut steroidogenesis and microbiota. <i>Psychoneuroendocrinology</i> , 2022, 143, 105828.	1.3	8
56	Sterol regulatory element binding protein-1C knockout mice show altered neuroactive steroid levels in sciatic nerve. <i>Journal of Neurochemistry</i> , 2017, 142, 420-428.	2.1	7
57	Effects of paroxetine treatment and its withdrawal on neurosteroidogenesis. <i>Psychoneuroendocrinology</i> , 2021, 132, 105364.	1.3	7
58	Neuroactive Steroids and Sex-Dimorphic Nervous Damage Induced by Diabetes Mellitus. <i>Cellular and Molecular Neurobiology</i> , 2019, 39, 493-502.	1.7	6
59	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.	1.2	5
60	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.	1.8	4
61	The lipogenic regulator Sterol Regulatory Element Binding Factor-1c is required to maintain peripheral nerve structure and function. <i>SpringerPlus</i> , 2015, 4, L45.	1.2	0
62	Neuroactive Steroids and Neuroinflammation. , 2016, , 149-160.		0