

# Francesca Spiga

## List of Publications by Citations

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38  
papers

1,770  
citations

23  
h-index

42  
g-index

42  
ext. papers

2,193  
ext. citations

5.5  
avg, IF

4.65  
L-index

#	Paper	IF	Citations
38	The significance of glucocorticoid pulsatility. <i>European Journal of Pharmacology</i> , <b>2008</b> , 583, 255-62	5.3	165
37	HPA axis-rhythms. <i>Comprehensive Physiology</i> , <b>2014</b> , 4, 1273-98	7.7	159
36	Association Between Administration of IL-6 Antagonists and Mortality Among Patients Hospitalized for COVID-19: A Meta-analysis. <i>JAMA - Journal of the American Medical Association</i> , <b>2021</b> , 326, 499-518	27.4	154
35	The origin of glucocorticoid hormone oscillations. <i>PLoS Biology</i> , <b>2012</b> , 10, e1001341	9.7	129
34	Role of glucocorticoid negative feedback in the regulation of HPA axis pulsatility. <i>Stress</i> , <b>2018</b> , 21, 403-416	13.6	126
33	Differential effects of exposure to low-light or high-light open-field on anxiety-related behaviors: relationship to c-Fos expression in serotonergic and non-serotonergic neurons in the dorsal raphe nucleus. <i>Brain Research Bulletin</i> , <b>2007</b> , 72, 32-43	3.9	124
32	Clozapine, but not haloperidol, increases brain concentrations of neuroactive steroids in the rat. <i>Neuropsychopharmacology</i> , <b>2001</b> , 25, 489-97	8.7	86
31	ACTH-dependent ultradian rhythm of corticosterone secretion. <i>Endocrinology</i> , <b>2011</b> , 152, 1448-57	4.8	76
30	Urocortin 2 increases c-Fos expression in topographically organized subpopulations of serotonergic neurons in the rat dorsal raphe nucleus. <i>Brain Research</i> , <b>2005</b> , 1044, 176-89	3.7	72
29	Exposure to high- and low-light conditions in an open-field test of anxiety increases c-Fos expression in specific subdivisions of the rat basolateral amygdaloid complex. <i>Brain Research Bulletin</i> , <b>2006</b> , 71, 174-82	3.9	65
28	Opposite effects of short- versus long-term administration of fluoxetine on the concentrations of neuroactive steroids in rat plasma and brain. <i>Psychopharmacology</i> , <b>2001</b> , 158, 48-54	4.7	57
27	Dynamic pituitary-adrenal interactions in response to cardiac surgery. <i>Critical Care Medicine</i> , <b>2015</b> , 43, 791-800	1.4	55
26	Constant light disrupts the circadian rhythm of steroidogenic proteins in the rat adrenal gland. <i>Molecular and Cellular Endocrinology</i> , <b>2013</b> , 371, 114-23	4.4	45
25	Chronic treatment with imipramine or mirtazapine antagonizes stress- and FG7142-induced increase in cortical norepinephrine output in freely moving rats. <i>Synapse</i> , <b>2002</b> , 43, 70-7	2.4	43
24	Dynamic responses of the adrenal steroidogenic regulatory network. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, E6466-E6474	11.5	40
23	Inhibition of stress- or anxiogenic-drug-induced increases in dopamine release in the rat prefrontal cortex by long-term treatment with antidepressant drugs. <i>Journal of Neurochemistry</i> , <b>2001</b> , 76, 1212-20	6	40
22	Dynamics of adrenal glucocorticoid steroidogenesis in health and disease. <i>Molecular and Cellular Endocrinology</i> , <b>2015</b> , 408, 227-34	4.4	37

21	60 YEARS OF NEUROENDOCRINOLOGY: Glucocorticoid dynamics: insights from mathematical, experimental and clinical studies. <i>Journal of Endocrinology</i> , <b>2015</b> , 226, T55-66	4.7	35
20	Blockade of the V(1b) receptor reduces ACTH, but not corticosterone secretion induced by stress without affecting basal hypothalamic-pituitary-adrenal axis activity. <i>Journal of Endocrinology</i> , <b>2009</b> , 200, 273-83	4.7	33
19	Mathematical Modelling of Endocrine Systems. <i>Trends in Endocrinology and Metabolism</i> , <b>2019</b> , 30, 244-257	5.8	32
18	Transcriptional regulation of episodic glucocorticoid secretion. <i>Molecular and Cellular Endocrinology</i> , <b>2013</b> , 371, 62-70	4.4	31
17	Prevention of the stress-induced increase in frontal cortical dopamine efflux of freely moving rats by long-term treatment with antidepressant drugs. <i>European Neuropsychopharmacology</i> , <b>2001</b> , 11, 343-9 <sup>1.2</sup>	1.2	28
16	Effect of vasopressin 1b receptor blockade on the hypothalamic-pituitary-adrenal response of chronically stressed rats to a heterotypic stressor. <i>Journal of Endocrinology</i> , <b>2009</b> , 200, 285-91	4.7	26
15	Recovery from disrupted ultradian glucocorticoid rhythmicity reveals a dissociation between hormonal and behavioural stress responsiveness. <i>Journal of Neuroendocrinology</i> , <b>2010</b> , 22, 862-71	3.8	21
14	Dose-dependent effects of corticosterone on nuclear glucocorticoid receptors and their binding to DNA in the brain and pituitary of the rat. <i>Brain Research</i> , <b>2009</b> , 1293, 101-7	3.7	18
13	Differential effect of glucocorticoid receptor antagonists on glucocorticoid receptor nuclear translocation and DNA binding. <i>Journal of Psychopharmacology</i> , <b>2011</b> , 25, 211-21	4.6	14
12	MGMT promoter methylation testing to predict overall survival in people with glioblastoma treated with temozolomide: a comprehensive meta-analysis based on a Cochrane Systematic Review. <i>Neuro-Oncology</i> , <b>2021</b> , 23, 1457-1469	1	11
11	Effect of the glucocorticoid receptor antagonist Org 34850 on fast and delayed feedback of corticosterone release. <i>Journal of Endocrinology</i> , <b>2008</b> , 196, 323-30	4.7	10
10	The Role of Hippocampal NMDA Receptors in Long-Term Emotional Responses following Muscarinic Receptor Activation. <i>PLoS ONE</i> , <b>2016</b> , 11, e0147293	3.7	9
9	Prognostic value of test(s) for O6-methylguanine-DNA methyltransferase (MGMT) promoter methylation for predicting overall survival in people with glioblastoma treated with temozolomide. <i>The Cochrane Library</i> , <b>2021</b> , 3, CD013316	5.2	7
8	Dynamics of ACTH-Mediated Regulation of Gene Transcription in ATC1 and ATC7 Adrenal Zona Fasciculata Cell Lines. <i>Endocrinology</i> , <b>2019</b> , 160, 587-604	4.8	7
7	Prolonged treatment with the synthetic glucocorticoid methylprednisolone affects adrenal steroidogenic function and response to inflammatory stress in the rat. <i>Brain, Behavior, and Immunity</i> , <b>2020</b> , 87, 703-714	16.6	6
6	Activation and expression of endogenous CREB-regulated transcription coactivators (CRTC) 1, 2 and 3 in the rat adrenal gland. <i>Journal of Neuroendocrinology</i> , <b>2021</b> , 33, e12920	3.8	3
5	Co-culture of monocytes and zona fasciculata adrenal cells: An in vitro model to study the immune-adrenal cross-talk. <i>Molecular and Cellular Endocrinology</i> , <b>2021</b> , 526, 111195	4.4	2
4	Dynamics of the HPA Axis: A Systems Modeling Approach <b>2016</b> , 252-283		2

3	Involvement of CREB-regulated transcription coactivators (CRTC) in transcriptional activation of steroidogenic acute regulatory protein (Star) by ACTH. <i>Molecular and Cellular Endocrinology</i> , <b>2020</b> , 499, 110612	4.4	2
2	Socio-demographic and psychosocial predictors of salivary cortisol from older male participants in the Speedwell prospective cohort study. <i>Psychoneuroendocrinology</i> , <b>2022</b> , 135, 105577	5	
1	Metabolic disorders and the risk of head and neck cancer: a protocol for a systematic review and meta-analysis.. <i>BMJ Open</i> , <b>2022</b> , 12, e058392	3	