

# Brigitte Le Magueresse-Battistoni

## List of Publications by Citations

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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.

58

papers

1,823

citations

28

h-index

41

g-index

65

ext. papers

2,007

ext. citations

4.6

avg, IF

4.72

L-index

#	Paper	IF	Citations
58	A novel Ca <sup>2+</sup> /calmodulin-dependent protein kinase and a male germ cell-specific calmodulin-binding protein are derived from the same gene. <i>Molecular and Cellular Biology</i> , <b>1991</b> , 11, 3960-71	4.8	151
57	Claudin 11 deficiency in mice results in loss of the Sertoli cell epithelial phenotype in the testis. <i>Biology of Reproduction</i> , <b>2010</b> , 82, 202-13	3.9	135
56	Chronic consumption of farmed salmon containing persistent organic pollutants causes insulin resistance and obesity in mice. <i>PLoS ONE</i> , <b>2011</b> , 6, e25170	3.7	116
55	Influence of germ cells upon transferrin secretion by rat Sertoli cells in vitro. <i>Journal of Endocrinology</i> , <b>1988</b> , 118, R13-6	4.7	70
54	In vitro effects of germ cells on the secretory activity of Sertoli cells recovered from rats of different ages. <i>Endocrinology</i> , <b>1988</b> , 122, 1672-80	4.8	68
53	Study in vitro of the phagocytic function of Sertoli cells in the rat. <i>Cell and Tissue Research</i> , <b>1991</b> , 264, 589-98	4.2	66
52	Endocrine disrupting chemicals in mixture and obesity, diabetes and related metabolic disorders. <i>World Journal of Biological Chemistry</i> , <b>2017</b> , 8, 108-119	3.8	63
51	MT1-MMP in rat testicular development and the control of Sertoli cell proMMP-2 activation. <i>Journal of Cell Science</i> , <b>2001</b> , 114, 2125-2134	5.3	63
50	Tumor necrosis factor alpha stimulates insulin-like growth factor binding protein 3 expression in cultured porcine Sertoli cells. <i>Endocrinology</i> , <b>1996</b> , 137, 296-303	4.8	51
49	Paracrine control of immature Sertoli cells by adult germ cells, in the rat (an in vitro study). Cell-cell interactions within the testis. <i>Molecular and Cellular Endocrinology</i> , <b>1988</b> , 58, 65-72	4.4	50
48	Regulatory identification of BPA as an endocrine disruptor: Context and methodology. <i>Molecular and Cellular Endocrinology</i> , <b>2018</b> , 475, 4-9	4.4	49
47	Stimulation of rat Sertoli cell secretory activity in vitro by germ cells and residual bodies. <i>Reproduction</i> , <b>1986</b> , 77, 489-98	3.8	49
46	Effects of bisphenol A on metabolism and evidences of a mode of action mediated through endocrine disruption. <i>Molecular and Cellular Endocrinology</i> , <b>2018</b> , 475, 74-91	4.4	48
45	Low-dose food contaminants trigger sex-specific, hepatic metabolic changes in the progeny of obese mice. <i>FASEB Journal</i> , <b>2013</b> , 27, 3860-70	0.9	48
44	Expression of mRNAs for transforming growth factor-beta receptors in the rat testis. <i>Endocrinology</i> , <b>1995</b> , 136, 2788-91	4.8	41
43	Possible involvement of germ cells in the regulation of oestradiol-17 beta and ABP secretion by immature rat Sertoli cells (in vitro studies). <i>Biochemical and Biophysical Research Communications</i> , <b>1986</b> , 141, 861-9	3.4	41
42	The mouse testis is the source of various serine proteases and serine proteinase inhibitors (SERPINs): Serine proteases and SERPINs identified in Leydig cells are under gonadotropin regulation. <i>Endocrinology</i> , <b>2006</b> , 147, 4374-83	4.8	34

41	Fibroblast growth factor (FGF) 2 and FGF9 mediate mesenchymal-epithelial interactions of peritubular and Sertoli cells in the rat testis. <i>Journal of Endocrinology</i> , <b>2005</b> , 187, 135-47	4.7	34
40	Basal membrane remodeling during follicle histogenesis in the rat ovary: contribution of proteinases of the MMP and PA families. <i>Developmental Biology</i> , <b>2005</b> , 277, 403-16	3.1	33
39	Environmental Pollutants and Metabolic Disorders: The Multi-Exposure Scenario of Life. <i>Frontiers in Endocrinology</i> , <b>2018</b> , 9, 582	5.7	33
38	Evidence that MMP-2 and TIMP-2 are at play in the FSH-induced changes in Sertoli cells. <i>Molecular and Cellular Endocrinology</i> , <b>2002</b> , 189, 25-35	4.4	32
37	Plasminogen activator inhibitor-1 is expressed in cultured rat Sertoli cells. <i>Biology of Reproduction</i> , <b>1998</b> , 59, 591-8	3.9	32
36	Fibroblast growth factor receptor type 1 expression during rat testicular development and its regulation in cultured Sertoli cells. <i>Endocrinology</i> , <b>1994</b> , 135, 2404-11	4.8	32
35	Evidence for similar expression of protein C inhibitor and the urokinase-type plasminogen activator system during mouse testis development. <i>Endocrinology</i> , <b>2004</b> , 145, 1481-9	4.8	31
34	Diethylstilbestrol inhibits the expression of the steroidogenic acute regulatory protein in mouse fetal testis. <i>Molecular and Cellular Endocrinology</i> , <b>2004</b> , 220, 67-75	4.4	30
33	Serine proteases and serine protease inhibitors in testicular physiology: the plasminogen activation system. <i>Reproduction</i> , <b>2007</b> , 134, 721-9	3.8	29
32	Organization and analysis of the complete rat calmodulin-dependent protein kinase IV gene. <i>Journal of Biological Chemistry</i> , <b>1995</b> , 270, 29507-14	5.4	29
31	The effects of an in utero exposure to 2,3,7,8-tetrachloro-dibenzo-p-dioxin on male reproductive function: identification of Ccl5 as a potential marker. <i>Journal of Developmental and Physical Disabilities</i> , <b>2010</b> , 33, 413-24		28
30	Tumor necrosis factor-alpha regulates plasminogen activator inhibitor-1 in rat testicular peritubular cells. <i>Endocrinology</i> , <b>1997</b> , 138, 1097-105	4.8	24
29	Pachytene spermatocytes can achieve meiotic process in vitro. <i>Biochemical and Biophysical Research Communications</i> , <b>1991</b> , 179, 1115-21	3.4	24
28	Metabolic outcome of female mice exposed to a mixture of low-dose pollutants in a diet-induced obesity model. <i>PLoS ONE</i> , <b>2015</b> , 10, e0124015	3.7	23
27	Low-dose pollutant mixture triggers metabolic disturbances in female mice leading to common and specific features as compared to a high-fat diet. <i>Journal of Nutritional Biochemistry</i> , <b>2017</b> , 45, 83-93	6.3	22
26	In vitro regulation of rat Sertoli cell transferrin expression by tumor necrosis factor alpha and retinoic acid. <i>Molecular and Cellular Endocrinology</i> , <b>1999</b> , 148, 163-70	4.4	22
25	Differential expression of tissue inhibitor of metalloproteinases type 1 (TIMP-1) during mouse gonad development. <i>Developmental Dynamics</i> , <b>2003</b> , 227, 357-66	2.9	20
24	Residual bodies stimulate rat Sertoli cell plasminogen activator activity. <i>Biochemical and Biophysical Research Communications</i> , <b>1998</b> , 250, 59-62	3.4	17

23	In vitro regulation of rat Sertoli cell inhibin messenger RNA levels by transforming growth factor-beta 1 and tumour necrosis factor alpha. <i>Journal of Endocrinology</i> , <b>1995</b> , 146, 501-8	4.7	17
22	A comprehensive survey of the laminins and collagens type IV expressed in mouse Leydig cells and their regulation by LH/hCG. <i>Reproduction</i> , <b>2008</b> , 135, 479-88	3.8	15
21	Gender differences in transcriptional signature of developing rat testes and ovaries following embryonic exposure to 2,3,7,8-TCDD. <i>PLoS ONE</i> , <b>2012</b> , 7, e40306	3.7	14
20	Lack of effect on rat testicular organogenesis after in utero exposure to 3-monochloropropane-1,2-diol (3-MCPD). <i>Reproductive Toxicology</i> , <b>2006</b> , 22, 485-92	3.4	12
19	Plasminogen activator inhibitor-1 regulation in cultured rat peritubular cells by basic fibroblast growth factor and transforming growth factor-alpha. <i>Endocrinology</i> , <b>1996</b> , 137, 4243-9	4.8	11
18	Proteases and their cognate inhibitors of the serine and metalloprotease subclasses, in testicular physiology. <i>Advances in Experimental Medicine and Biology</i> , <b>2008</b> , 636, 133-53	3.6	11
17	Lifelong consumption of low-dosed food pollutants and metabolic health. <i>Journal of Epidemiology and Community Health</i> , <b>2015</b> , 69, 512-5	5.1	10
16	Direct and indirect impact of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on adult mouse Leydig cells: an in vitro study. <i>Toxicology Letters</i> , <b>2011</b> , 207, 251-7	4.4	10
15	Chronic exposure to a pollutant mixture at low doses led to tissue-specific metabolic alterations in male mice fed standard and high-fat high-sucrose diet. <i>Chemosphere</i> , <b>2019</b> , 220, 1187-1199	8.4	10
14	Evidence for estrogeno-mimetic effects of a mixture of low-dose pollutants in a model of ovariectomized mice. <i>Environmental Toxicology and Pharmacology</i> , <b>2018</b> , 57, 34-40	5.8	10
13	Retinoids Induce t-PA Synthesis by C6 Glioma Cells -Role in Tumoral Haemorrhagic Necrosis. <i>Thrombosis and Haemostasis</i> , <b>1996</b> , 75, 332-338	7	9
12	Adipose Tissue and Endocrine-Disrupting Chemicals: Does Sex Matter?. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,	4.6	9
11	Tumor Necrosis Factor- $\beta$ Regulates Plasminogen Activator Inhibitor-1 in Rat Testicular Peritubular Cells		8
10	Phenotyping the claudin 11 deficiency in testis: from histology to immunohistochemistry. <i>Methods in Molecular Biology</i> , <b>2011</b> , 763, 223-36	1.4	8
9	Exposure to pollutants altered glucocorticoid signaling and clock gene expression in female mice. Evidence of tissue- and sex-specificity. <i>Chemosphere</i> , <b>2021</b> , 262, 127841	8.4	6
8	Endocrine disrupting chemicals and metabolic disorders in the liver: What if we also looked at the female side?. <i>Chemosphere</i> , <b>2021</b> , 268, 129212	8.4	6
7	Sex-specific metabolic alterations induced by environmental pollutants. <i>Current Opinion in Toxicology</i> , <b>2018</b> , 8, 1-7	4.4	5
6	Regulatory and academic studies to derive reference values for human health: The case of bisphenol S. <i>Environmental Research</i> , <b>2022</b> , 204, 112233	7.9	4

5	t-PA-dependent activation of C6 glioma-bound plasminogen: a kinetic study. <i>Fibrinolysis and Proteolysis</i> , <b>1998</b> , 12, 137-144		3
4	Impact of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in adult mouse Leydig cells: An in vitro study. <i>Toxicology Letters</i> , <b>2011</b> , 205, S38-S39	4.4	2
3	Estrogen withdrawal and replacement differentially target liver and adipose tissues in female mice fed a high-fat high-sucrose diet: impact of a chronic exposure to a low-dose pollutant mixture. <i>Journal of Nutritional Biochemistry</i> , <b>2019</b> , 72, 108211	6.3	1
2	Synergistic induction of tissue-type plasminogen activator expression by retinoids and cyclic nucleotides in rat C6 glioma cells. <i>Fibrinolysis and Proteolysis</i> , <b>1998</b> , 12, 71-78		1
1	Adipose-Tissue-Derived Mesenchymal Stem Cells Mediate PD-L1 Overexpression in the White Adipose Tissue of Obese Individuals, Resulting in T Cell Dysfunction. <i>Cells</i> , <b>2021</b> , 10,	7.9	1