

Maria Fernanda Riera

List of Publications by Year in descending order

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29
papers

1,107
citations

430442

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docs citations

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times ranked

1040
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Mechanisms and Signaling Pathways Involved in Sertoli Cell Proliferation. <i>Frontiers in Endocrinology</i> , 2019, 10, 224.	1.5	144
2	Regulation of rat Sertoli cell function by FSH: possible role of phosphatidylinositol 3-kinase/protein kinase B pathway. <i>Journal of Endocrinology</i> , 2002, 174, 195-204.	1.2	102
3	The AMP-activated protein kinase activator, 5-aminoimidazole-4-carboxamide-1- β -D-ribofuranoside, regulates lactate production in rat Sertoli cells. <i>Journal of Molecular Endocrinology</i> , 2007, 39, 279-288.	1.1	84
4	Signal transduction pathways in FSH regulation of rat Sertoli cell proliferation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 302, E914-E923.	1.8	83
5	Molecular mechanisms involved in Sertoli cell adaptation to glucose deprivation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 297, E907-E914.	1.8	81
6	Regulation of expression of Sertoli cell glucose transporters 1 and 3 by FSH, IL1 β , and bFGF at two different time-points in pubertal development. <i>Cell and Tissue Research</i> , 2008, 334, 295-304.	1.5	75
7	Regulation of Lactate Production by FSH, IL1 β , and TNF α in Rat Sertoli Cells. <i>General and Comparative Endocrinology</i> , 2001, 122, 88-97.	0.8	56
8	Lactate Regulates Rat Male Germ Cell Function through Reactive Oxygen Species. <i>PLoS ONE</i> , 2014, 9, e88024.	1.1	53
9	Regulation of lactate production and glucose transport as well as of glucose transporter 1 and lactate dehydrogenase A mRNA levels by basic fibroblast growth factor in rat Sertoli cells. <i>Journal of Endocrinology</i> , 2002, 173, 335-343.	1.2	50
10	FSH activates phosphatidylinositol 3-kinase/protein kinase B signaling pathway in 20-day-old Sertoli cells independently of IGF-I. <i>Journal of Endocrinology</i> , 2004, 180, 257-265.	1.2	48
11	Activation of PPAR α and PPAR β/δ regulates Sertoli cell metabolism. <i>Molecular and Cellular Endocrinology</i> , 2014, 382, 271-281.	1.6	47
12	PPAR β activation regulates lipid droplet formation and lactate production in rat Sertoli cells. <i>Cell and Tissue Research</i> , 2017, 369, 611-624.	1.5	35
13	Adenosine regulates Sertoli cell function by activating AMPK. <i>Molecular and Cellular Endocrinology</i> , 2010, 330, 49-58.	1.6	33
14	Assessment of the roles of mitogen-activated protein kinase and phosphatidylinositol 3-kinase/protein kinase B pathways in the basic fibroblast growth factor regulation of Sertoli cell function. <i>Journal of Molecular Endocrinology</i> , 2003, 31, 279-289.	1.1	26
15	Participation of HIFs in the regulation of Sertoli cell lactate production. <i>Biochimie</i> , 2017, 132, 9-18.	1.3	25
16	Novel molecular mechanisms involved in hormonal regulation of lactate production in Sertoli cells. <i>Reproduction</i> , 2015, 150, 311-321.	1.1	21
17	FSH and bFGF regulate the expression of genes involved in Sertoli cell energetic metabolism. <i>General and Comparative Endocrinology</i> , 2015, 222, 124-133.	0.8	20
18	Participation of phosphatidylinositol 3-kinase/protein kinase B and ERK1/2 pathways in interleukin-1 β stimulation of lactate production in Sertoli cells. <i>Reproduction</i> , 2007, 133, 763-773.	1.1	18

#	ARTICLE	IF	CITATIONS
19	HIF involvement in the regulation of rat Sertoli cell proliferation by FSH. <i>Biochemical and Biophysical Research Communications</i> , 2018, 502, 508-514.	1.0	16
20	Beige adipocytes contribute to breast cancer progression. <i>Oncology Reports</i> , 2020, 45, 317-328.	1.2	15
21	Metformin counteracts the effects of FSH on rat Sertoli cell proliferation. <i>Reproduction</i> , 2018, 156, 93-101.	1.1	13
22	Low Doses of Glyphosate/Roundup Alter Bloodâ€™Testis Barrier Integrity in Juvenile Rats. <i>Frontiers in Endocrinology</i> , 2021, 12, 615678.	1.5	12
23	Possible role of arachidonic acid in the regulation of lactate production in rat Sertoli cells. <i>Journal of Developmental and Physical Disabilities</i> , 2003, 26, 310-317.	3.6	11
24	In vitro effects of glyphosate and Roundup on Sertoli cell physiology. <i>Toxicology in Vitro</i> , 2020, 62, 104682.	1.1	11
25	Germ cells regulate 3-hydroxybutyrate production in rat Sertoli cells. <i>General and Comparative Endocrinology</i> , 2017, 248, 5-15.	0.8	7
26	Effect of resveratrol on Sertoli cell proliferation. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 10131-10142.	1.2	6
27	Apoptotic germ cells regulate Sertoli cell lipid storage and fatty acid oxidation. <i>Reproduction</i> , 2018, 156, 515-525.	1.1	6
28	Different signal transduction pathways elicited by basic fibroblast growth factor and interleukin 1 ^{Î²} regulate CREB phosphorylation in Sertoli cells. <i>Journal of Endocrinological Investigation</i> , 2013, 36, 331-8.	1.8	6
29	Postnatal metformin treatment alters rat Sertoli cell proliferation and daily sperm production. <i>Andrology</i> , 2021, 9, 965-976.	1.9	3