Gabriel Livera

List of Publications by Year
in descending order

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Version: 2024-02-01

57 papers	3,301 citations	172457 29 h-index	161849 54 g-index
64 all docs	64 docs citations	64 times ranked	4570 citing authors

#	Article	IF	Citations
1	A new chapter in the bisphenol A story: bisphenol S and bisphenol F are not safe alternatives to this compound. Fertility and Sterility, 2015, 103, 11-21.	1.0	537
2	Cyclic AMP-specific PDE4 Phosphodiesterases as Critical Components of Cyclic AMP Signaling. Journal of Biological Chemistry, 2003, 278, 5493-5496.	3.4	429
3	p63 null mutation protects mouse oocytes from radio-induced apoptosis. Reproduction, 2008, 135, 3-12.	2.6	150
4	Rodent oocytes express an active adenylyl cyclase required for meiotic arrest. Developmental Biology, 2003, 258, 385-396.	2.0	139
5	Advances in the Molecular Pathophysiology, Genetics, and Treatment of Primary Ovarian Insufficiency. Trends in Endocrinology and Metabolism, 2018, 29, 400-419.	7.1	118
6	Phosphodiesterase 4D Forms a cAMP Diffusion Barrier at the Apical Membrane of the Airway Epithelium. Journal of Biological Chemistry, 2005, 280, 7997-8003.	3.4	99
7	Retinoic acid prevents germ cell mitotic arrest in mouse fetal testes. Cell Cycle, 2008, 7, 656-664.	2.6	96
8	MEIOB Targets Single-Strand DNA and Is Necessary for Meiotic Recombination. PLoS Genetics, 2013, 9, e1003784.	3.5	93
9	Organotypic culture, a powerful model for studying rat and mouse fetal testis development. Cell and Tissue Research, 2006, 324, 507-521.	2.9	90
10	Implementation of meiosis prophase I programme requires a conserved retinoid-independent stabilizer of meiotic transcripts. Nature Communications, 2016, 7, 10324.	12.8	89
11	Differential Effects of Bisphenol A and Diethylstilbestrol on Human, Rat and Mouse Fetal Leydig Cell Function. PLoS ONE, 2012, 7, e51579.	2.5	84
12	Cadmium Increases Human Fetal Germ Cell Apoptosis. Environmental Health Perspectives, 2010, 118, 331-337.	6.0	78
13	Nodal Signaling Regulates the Entry into Meiosis in Fetal Germ Cells. Endocrinology, 2012, 153, 2466-2473.	2.8	76
14	Maternal vitamin C regulates reprogramming of DNA methylation and germline development. Nature, 2019, 573, 271-275.	27.8	74
15	Luteinizing hormone-dependent activity and luteinizing hormone-independent differentiation of rat fetal Leydig cells. Molecular and Cellular Endocrinology, 2001, 172, 193-202.	3.2	73
16	Time- and Dose-Related Effects of Estradiol and Diethylstilbestrol on the Morphology and Function of the Fetal Rat Testis in Culture. Toxicological Sciences, 2003, 73, 160-169.	3.1	73
17	Concerns about the widespread use of rodent models for human risk assessments of endocrine disruptors. Reproduction, 2014, 147, R119-R129.	2.6	72
18	RPA homologs and ssDNA processing during meiotic recombination. Chromosoma, 2016, 125, 265-276.	2.2	65

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19	Msx1 and Msx2 promote meiosis initiation. Development (Cambridge), 2011, 138, 5393-5402.	2.5	62
20	AKAP3 Selectively Binds PDE4A Isoforms in Bovine Spermatozoa1. Biology of Reproduction, 2006, 74, 109-118.	2.7	60
21	The role of p63 in germ cell apoptosis in the developing testis. Journal of Cellular Physiology, 2007, 210, 87-98.	4.1	60
22	A homozygous FANCM mutation underlies a familial case of non-syndromic primary ovarian insufficiency. ELife, 2017, 6, .	6.0	56
23	A truncating MEIOB mutation responsible for familial primary ovarian insufficiency abolishes its interaction with its partner SPATA22 and their recruitment to DNA double-strand breaks. EBioMedicine, 2019, 42, 524-531.	6.1	50
24	New testicular mechanisms involved in the prevention of fetal meiotic initiation in mice. Developmental Biology, 2010, 346, 320-330.	2.0	48
25	Dexamethasone Induces Germ Cell Apoptosis in the Human Fetal Ovary. Journal of Clinical Endocrinology and Metabolism, 2012, 97, E1890-E1897.	3.6	46
26	Cellular and Molecular Effect of MEHP Involving LXRÎ± in Human Fetal Testis and Ovary. PLoS ONE, 2012, 7, e48266.	2.5	41
27	Thyroid Hormone Limits Postnatal Sertoli Cell Proliferation In Vivo by Activation of Its Alpha1 Isoform Receptor (TRalpha1) Present in These Cells and by Regulation of Cdk4/JunD/c-myc mRNA Levels in Mice1. Biology of Reproduction, 2012, 87, 16, 1-9.	2.7	35
28	Effects of environmental Bisphenol A exposures on germ cell development and Leydig cell function in the human fetal testis. PLoS ONE, 2018, 13, e0191934.	2.5	35
29	Nuclear Receptors and Endocrine Disruptors in Fetal and Neonatal Testes: A Gapped Landscape. Frontiers in Endocrinology, 2015, 6, 58.	3.5	33
30	Sex-specific differences in fetal germ cell apoptosis induced by ionizing radiation. Human Reproduction, 2008, 24, 670-678.	0.9	31
31	Man is not a big rat: concerns with traditional human risk assessment of phthalates based on their anti-androgenic effects observed in the rat foetus. Basic and Clinical Andrology, 2014, 24, 14.	1.9	29
32	In vitro effects of Uranium on human fetal germ cells. Reproductive Toxicology, 2011, 31, 470-476.	2.9	24
33	Homozygous hypomorphic BRCA2 variant in primary ovarian insufficiency without cancer or Fanconi anaemia trait. Journal of Medical Genetics, 2021, 58, 125-134.	3.2	24
34	Effects of endocrine disruptors on the human fetal testis. Annales D'Endocrinologie, 2014, 75, 54-57.	1.4	20
35	The zinc-finger protein basonuclin 2 is required for proper mitotic arrest, prevention of premature meiotic initiation and meiotic progression in mouse male germ cells. Development (Cambridge), 2014, 141, 4298-4310.	2.5	19
36	Human foetal ovary shares meiotic preventing factors with the developing testis. Human Reproduction, 2017, 32, 631-642.	0.9	18

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37	The Src Homology 2 Domain-Containing Adapter Protein B (SHB) Regulates Mouse Oocyte Maturation. PLoS ONE, 2010, 5, e11155.	2.5	17
38	Involvement of doublesex and mab-3-related transcription factors in human female germ cell development demonstrated by xenograft and interference RNA strategies. Molecular Human Reproduction, 2014, 20, 960-971.	2.8	16
39	TOPAZ1, a Novel Germ Cell-Specific Expressed Gene Conserved during Evolution across Vertebrates. PLoS ONE, 2011, 6, e26950.	2.5	15
40	Meiotic onset is reliant on spatial distribution but independent of germ cell number in the mouse ovary. Journal of Cell Science, 2016, 129, 2493-9.	2.0	15
41	Loss of oocytes due to conditional ablation of Murine double minute 2 (Mdm2) gene is p53â€dependent and results in female sterility. FEBS Letters, 2016, 590, 2566-2574.	2.8	14
42	The meiosis-specific MEIOBâ€“SPATA22 complex cooperates with RPA to form a compacted mixed MEIOB/SPATA22/RPA/ssDNA complex. DNA Repair, 2021, 102, 103097.	2.8	13
43	Depletion of the p43 Mitochondrial T3 Receptor Increases Sertoli Cell Proliferation in Mice. PLoS ONE, 2013, 8, e74015.	2.5	13
44	Divergent Roles of CYP26B1 and Endogenous Retinoic Acid in Mouse Fetal Gonads. Biomolecules, 2019, 9, 536.	4.0	12
45	Expression of Dominant-Negative Thyroid Hormone Receptor Alpha1 in Leydig and Sertoli Cells Demonstrates No Additional Defect Compared with Expression in Sertoli Cells Only. PLoS ONE, 2015, 10, e0119392.	2.5	11
46	Integrative rodent models for assessing male reproductive toxicity of environmental endocrine active substances. Asian Journal of Andrology, 2014, 16, 60.	1.6	10
47	Pathogenic variants in the human m6A reader YTHDC2 are associated with primary ovarian insufficiency. JCI Insight, 2022, 7, .	5.0	8
48	Direct and indirect consequences on gene expression of a thyroid hormone receptor alpha 1 mutation restricted to Sertoli cells. Molecular Reproduction and Development, 2014, 81, 1159-1166.	2.0	6
49	Mouse model of radiation-induced premature ovarian insufficiency reveals compromised oocyte quality: implications for fertility preservation. Reproductive BioMedicine Online, 2021, 43, 799-809.	2.4	6
50	shani mutation in mouse affects splicing of Spata22 and leads to impaired meiotic recombination. Chromosoma, 2020, 129, 161-179.	2.2	5
51	Unexpected Interacting Effects of Physical (Radiation) and Chemical (Bisphenol A) Treatments on Male Reproductive Functions in Mice. International Journal of Molecular Sciences, 2021, 22, 11808.	4.1	2
52	Polluants environnementaux et troubles de la reproduction masculineÂ: les phtalates au cÅ“ur du dÃ©bat. Cahiers De Nutrition Et De Dietetique, 2011, 46, 75-81.	0.3	1
53	RÃ©gulations et perturbations des fonctions testiculaires par la vitamine A. Medecine/Sciences, 2002, 18, 955-963.	0.2	0
54	Male Sex Determinationâ€”Phenotypic. , 2018, , 88-92.		0

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55	Msx1 and Msx2 promote meiosis initiation. Journal of Cell Science, 2011, 124, e1-e1.	2.0	0
56	Inhibition of DMRTA2 impairs human female germline development in xeno-grafted ovaries. Reproduction Abstracts, 0, , .	0.0	0
57	Dissecting the meiotic gene network in female embryonic germ cells. Reproduction Abstracts, 0, , .	0.0	0