

# Livio Casarini

## List of Publications by Year in descending order

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Version: 2024-02-01

74  
papers

2,265  
citations

257450

24  
h-index

233421

45  
g-index

77  
all docs

77  
docs citations

77  
times ranked

1812  
citing authors

#	ARTICLE	IF	CITATIONS
1	Seasonal reproduction and gonadal function: a focus on humans starting from animal studies. <i>Biology of Reproduction</i> , 2022, 106, 47-57.	2.7	5
2	Anti-GD2 CAR MSCs against metastatic Ewing's sarcoma. <i>Translational Oncology</i> , 2022, 15, 101240.	3.7	10
3	Phosphodiesterase (PDE) 5 inhibitors sildenafil, tadalafil and vardenafil impact cAMP-specific PDE8 isoforms-linked second messengers and steroid production in a mouse Leydig tumor cell line. <i>Molecular and Cellular Endocrinology</i> , 2022, 542, 111527.	3.2	10
4	Regulation of antral follicular growth by an interplay between gonadotropins and their receptors. <i>Journal of Assisted Reproduction and Genetics</i> , 2022, 39, 893-904.	2.5	7
5	Neither rationale nor scientific evidence exist to support that double stimulation is potentially unsafe. <i>Human Reproduction</i> , 2022, , .	0.9	3
6	Human fertility and sleep disturbances: A narrative review. <i>Sleep Medicine</i> , 2022, 98, 13-25.	1.6	5
7	Sphingosine-1 phosphate induces cAMP/PKA-independent phosphorylation of the cAMP response element-binding protein (CREB) in granulosa cells. <i>Molecular and Cellular Endocrinology</i> , 2021, 520, 111082.	3.2	11
8	LH/hCG and the Receptor: A Single Receptor for Two Ligands. , 2021, , 413-420.		0
9	Real-life use of BRAF-V600E mutation analysis in thyroid nodule fine needle aspiration: consequences on clinical decision-making. <i>Endocrine</i> , 2021, 73, 625-632.	2.3	9
10	The "Hitchhiker's" Guide to the Galaxy of Endothelial Dysfunction Markers in Human Fertility. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2584.	4.1	4
11	Recent advances in understanding gonadotropin signaling. <i>Faculty Reviews</i> , 2021, 10, 41.	3.9	23
12	Nuclear expression of VDR and AHR is mutually exclusive in glandular cells in endometriosis. <i>Histochemistry and Cell Biology</i> , 2021, 156, 391-399.	1.7	4
13	Quantification of hormone membrane receptor FSHR, GPER and LHCGR transcripts in human primary granulosa lutein cells by real-time quantitative PCR and digital droplet PCR. <i>Gene Reports</i> , 2021, 23, 101194.	0.8	4
14	Pharmacological Characterization of Low Molecular Weight Biased Agonists at the Follicle Stimulating Hormone Receptor. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9850.	4.1	7
15	Identification of Key Receptor Residues Discriminating Human Chorionic Gonadotropin (hCG)- and Luteinizing Hormone (LH)-Specific Signaling. <i>International Journal of Molecular Sciences</i> , 2021, 22, 151.	4.1	7
16	Endocrine Disruption of the Follicle-Stimulating Hormone Receptor Signaling During the Human Antral Follicle Growth. <i>Frontiers in Endocrinology</i> , 2021, 12, 791763.	3.5	5
17	$\beta$ -arrestin 2 Is a Prognostic Factor for Survival of Ovarian Cancer Patients Upregulating Cell Proliferation. <i>Frontiers in Endocrinology</i> , 2020, 11, 554733.	3.5	15
18	Two human menopausal gonadotrophin (hMG) preparations display different early signaling <i>in vitro</i> . <i>Molecular Human Reproduction</i> , 2020, 26, 894-905.	2.8	9

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19	Identification of a Potent and Selective 5-HT <sub>1A</sub> Receptor Agonist with <i>In Vitro</i> and <i>In Vivo</i> Antinociceptive Activity. ACS Chemical Neuroscience, 2020, 11, 4111-4127.	3.5	8
20	Prospects for FSH Treatment of Male Infertility. Journal of Clinical Endocrinology and Metabolism, 2020, 105, 2105-2118.	3.6	30
21	Multilevel approach to male fertility by machine learning highlights a hidden link between haematological and spermatogenetic cells. Andrology, 2020, 8, 1021-1029.	3.5	8
22	Evolutionary, structural, and physiological differences between hCG and LH. , 2020, , 5-17.		0
23	FSH for the Treatment of Male Infertility. International Journal of Molecular Sciences, 2020, 21, 2270.	4.1	38
24	Follicle-Stimulating Hormone (FSH) Action on Spermatogenesis: A Focus on Physiological and Therapeutic Roles. Journal of Clinical Medicine, 2020, 9, 1014.	2.4	61
25	Membrane Estrogen Receptor (GPER) and Follicle-Stimulating Hormone Receptor (FSHR) Heteromeric Complexes Promote Human Ovarian Follicle Survival. IScience, 2020, 23, 101812.	4.1	29
26	GnRH Antagonists Produce Differential Modulation of the Signaling Pathways Mediated by GnRH Receptors. International Journal of Molecular Sciences, 2019, 20, 5548.	4.1	9
27	Altered methylation pattern of the SRD5A2 gene in the cerebrospinal fluid of post-finasteride patients: a pilot study. Endocrine Connections, 2019, 8, 1118-1125.	1.9	10
28	Glycosylation Pattern and in vitro Bioactivity of Reference Follitropin alfa and Biosimilars. Frontiers in Endocrinology, 2019, 10, 503.	3.5	19
29	Editorial: Follicle-Stimulating Hormone: Fertility and Beyond. Frontiers in Endocrinology, 2019, 10, 610.	3.5	6
30	Molecular Mechanisms of Action of FSH. Frontiers in Endocrinology, 2019, 10, 305.	3.5	165
31	Inferring biallelism of two FSH receptor mutations associated with spontaneous ovarian hyperstimulation syndrome by evaluating FSH, LH and HCG cross-activity. Reproductive BioMedicine Online, 2019, 38, 816-824.	2.4	11
32	Abacavir, nevirapine, and ritonavir modulate intracellular calcium levels without affecting GHRH-mediated growth hormone secretion in somatotropic cells in vitro. Molecular and Cellular Endocrinology, 2019, 482, 37-44.	3.2	5
33	Probing the Effect of Sildenafil on Progesterone and Testosterone Production by an Intracellular FRET/BRET Combined Approach. Biochemistry, 2019, 58, 799-808.	2.5	16
34	â€˜Spareâ€™™ Luteinizing Hormone Receptors: Facts and Fiction. Trends in Endocrinology and Metabolism, 2018, 29, 208-217.	7.1	44
35	Pharmacogenetics of G-protein-coupled receptors variants: FSH receptor and infertility treatment. Best Practice and Research in Clinical Endocrinology and Metabolism, 2018, 32, 189-200.	4.7	22
36	Molecular basis of androgen action on human sexual desire. Molecular and Cellular Endocrinology, 2018, 467, 31-41.	3.2	13

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37	Two Hormones for One Receptor: Evolution, Biochemistry, Actions, and Pathophysiology of LH and hCG. <i>Endocrine Reviews</i> , 2018, 39, 549-592.	20.1	118
38	Follicle-Stimulating Hormone (FSH). , 2018, , 149-156.		0
39	Luteinizing Hormone (LH). , 2018, , 142-148.		2
40	Response: Commentary: Efficacy of Follicle-Stimulating Hormone (FSH) Alone, FSH+Luteinizing Hormone, Human Menopausal Gonadotropin or FSH+Human Chorionic Gonadotropin on Assisted Reproductive Technology Outcomes in the "Personalized" Medicine Era: A Meta-analysis. <i>Frontiers in Endocrinology</i> , 2018, 9, 113.	3.5	6
41	The cAMP/PKA pathway: steroidogenesis of the antral follicular stage. <i>Minerva Ginecologica</i> , 2018, 70, 516-524.	0.8	25
42	Molecular human reproduction: advancements in clinical and basic research. <i>Minerva Ginecologica</i> , 2018, 70, 495-496.	0.8	0
43	Central hypogonadism due to a giant, "silent"FSH-secreting, atypical pituitary adenoma: effects of adenoma dissection and short-term Leydig cell stimulation by luteinizing hormone (LH) and human chorionic gonadotropin (hCG). <i>Aging Male</i> , 2017, 20, 96-101.	1.9	15
44	Genetics of gonadotropins and their receptors as markers of ovarian reserve and response in controlled ovarian stimulation. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2017, 44, 15-25.	2.8	29
45	Human Luteinizing Hormone and Chorionic Gonadotropin Display Biased Agonism at the LH and LH/CG Receptors. <i>Scientific Reports</i> , 2017, 7, 940.	3.3	91
46	Heterogeneous hCG and hMG commercial preparations result in different intracellular signalling but induce a similar long-term progesterone response in vitro. <i>Molecular Human Reproduction</i> , 2017, 23, 685-697.	2.8	24
47	Gonadotropin Receptors. <i>Endocrinology</i> , 2017, , 123-168.	0.1	5
48	Efficacy of Follicle-Stimulating Hormone (FSH) Alone, FSH+Luteinizing Hormone, Human Menopausal Gonadotropin or FSH+Human Chorionic Gonadotropin on Assisted Reproductive Technology Outcomes in the "Personalized" Medicine Era: A Meta-analysis. <i>Frontiers in Endocrinology</i> , 2017, 8, 114.	3.5	76
49	Human LH and hCG stimulate differently the early signalling pathways but result in equal testosterone synthesis in mouse Leydig cells in vitro. <i>Reproductive Biology and Endocrinology</i> , 2017, 15, 2.	3.3	77
50	Estrogen Modulates Specific Life and Death Signals Induced by LH and hCG in Human Primary Granulosa Cells In Vitro. <i>International Journal of Molecular Sciences</i> , 2017, 18, 926.	4.1	70
51	$\beta$ -arrestins regulate gonadotropin receptor-mediated cell proliferation and apoptosis by controlling different FSHR or LHCGR intracellular signaling in the hGL5 cell line. <i>Molecular and Cellular Endocrinology</i> , 2016, 437, 11-21.	3.2	63
52	Is polycystic ovary syndrome a sexual conflict? A review. <i>Reproductive BioMedicine Online</i> , 2016, 32, 350-361.	2.4	22
53	Follicle-stimulating hormone potentiates the steroidogenic activity of chorionic gonadotropin and the anti-apoptotic activity of luteinizing hormone in human granulosa-lutein cells in vitro. <i>Molecular and Cellular Endocrinology</i> , 2016, 422, 103-114.	3.2	70
54	Gonadotrophin Receptors. <i>Endocrinology</i> , 2016, , 1-46.	0.1	1

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55	Impact of gene polymorphisms of gonadotropins and their receptors on human reproductive success. <i>Reproduction</i> , 2015, 150, R175-R184.	2.6	43
56	Response to letter by Azziz R., et al. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, L24-L24.	3.6	0
57	The Polycystic Ovary Syndrome Evolutionary Paradox: a Genome-Wide Association Studies-Based, in silico, Evolutionary Explanation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E2412-E2420.	3.6	52
58	MECHANISMS IN ENDOCRINOLOGY: Genetics of FSH action: a 2014-and-beyond view. <i>European Journal of Endocrinology</i> , 2014, 170, R91-R107.	3.7	113
59	FSHR polymorphism p.N680S mediates different responses to FSH in vitro. <i>Molecular and Cellular Endocrinology</i> , 2014, 393, 83-91.	3.2	99
60	The TRHR Gene Is Associated with Hypothalamo-Pituitary Sensitivity to Levothyroxine. <i>European Thyroid Journal</i> , 2014, 3, 101-108.	2.4	10
61	Gene Polymorphisms in Female Reproduction. <i>Methods in Molecular Biology</i> , 2014, 1154, 75-90.	0.9	6
62	Polymorphisms in gonadotropin and gonadotropin receptor genes as markers of ovarian reserve and response in in vitro fertilization. <i>Fertility and Sterility</i> , 2013, 99, 970-978.e1.	1.0	56
63	Are pre-miR-146a and PTTG1 associated with papillary thyroid cancer?. <i>Endocrine Connections</i> , 2013, 2, 178-185.	1.9	13
64	Aromatase expression in human peripheral blood leucocytes (<scp>PBL</scp>s) and in various tissues in primates: studies in elderly humans and cynomolgus monkeys. <i>Journal of Medical Primatology</i> , 2012, 41, 372-383.	0.6	3
65	LH and hCG Action on the Same Receptor Results in Quantitatively and Qualitatively Different Intracellular Signalling. <i>PLoS ONE</i> , 2012, 7, e46682.	2.5	229
66	Effects of the FSH receptor gene polymorphism p.N680S on cAMP and steroid production in cultured primary human granulosa cells. <i>Reproductive BioMedicine Online</i> , 2011, 23, 196-203.	2.4	70
67	Effects of polymorphisms in gonadotropin and gonadotropin receptor genes on reproductive function. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2011, 12, 303-321.	5.7	47
68	Expression of the genes siamois, engrailed-2, bmp4 and myf5 during <i>Xenopus</i> development in presence of the marine toxins okadaic acid and palytoxin. <i>Chemosphere</i> , 2009, 77, 308-312.	8.2	13
69	Effects of the marine toxins okadaic acid and palytoxin on mussel phagocytosis. <i>Fish and Shellfish Immunology</i> , 2008, 24, 180-186.	3.6	40
70	Toxicological effects of marine palytoxin evaluated by FETAX assay. <i>Chemosphere</i> , 2008, 73, 267-271.	8.2	16
71	Stress and immune response in the mussel <i>Mytilus galloprovincialis</i> . <i>Fish and Shellfish Immunology</i> , 2007, 23, 171-177.	3.6	90
72	Evaluation of the effects of the marine toxin okadaic acid by using FETAX assay. <i>Toxicology Letters</i> , 2007, 169, 145-151.	0.8	18

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73	Algal toxin yessotoxin signalling pathways involve immunocyte mussel calcium channels. Cell Biology International, 2006, 30, 721-726.	3.0	20
74	Human luteinizing hormone (hLH) and chorionic gonadotropin (hCG) display biased agonism at the LH/CG receptor. Endocrine Abstracts, 0, , .	0.0	1