Riccardo Pierantoni

List of Publications by Year
in descending order

118	3,578	109321	182427
papers	citations	35 h-index	51 g-index

119	119	119	2333
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Differential Expression of Kisspeptin System and Kisspeptin Receptor Trafficking during Spermatozoa Transit in the Epididymis. Genes, 2022, 13, 295.	2.4	9
2	FUS driven circCNOT6L biogenesis in mouse and human spermatozoa supports zygote development. Cellular and Molecular Life Sciences, 2022, 79, 1.	5.4	19
3	LINCking the Nuclear Envelope to Sperm Architecture. Genes, 2021, 12, 658.	2.4	12
4	CRISP2, CATSPER1 and PATE1 Expression in Human Asthenozoospermic Semen. Cells, 2021, 10, 1956.	4.1	7
5	Kisspeptin Receptor on the Sperm Surface Reflects Epididymal Maturation in the Dog. International Journal of Molecular Sciences, 2021, 22, 10120.	4.1	8
6	Multi-Systemic Alterations by Chronic Exposure to a Low Dose of Bisphenol A in Drinking Water: Effects on Inflammation and NAD+-Dependent Deacetylase Sirtuin1 in Lactating and Weaned Rats. International Journal of Molecular Sciences, 2021, 22, 9666.	4.1	11
7	Mitochondrial Reactive Oxygen Species (ROS) Production Alters Sperm Quality. Antioxidants, 2021, 10, 92.	5.1	70
8	Ankrd31 in Sperm and Epididymal Integrity. Frontiers in Cell and Developmental Biology, 2021, 9, 741975.	3.7	4
9	Kisspeptins, new local modulators of male reproduction: A comparative overview. General and Comparative Endocrinology, 2020, 299, 113618.	1.8	17
10	The Cannabinoid Receptor CB1 Stabilizes Sperm Chromatin Condensation Status During Epididymal Transit by Promoting Disulphide Bond Formation. International Journal of Molecular Sciences, 2020, 21, 3117.	4.1	11
11	Histone Post-Translational Modifications and CircRNAs in Mouse and Human Spermatozoa: Potential Epigenetic Marks to Assess Human Sperm Quality. Journal of Clinical Medicine, 2020, 9, 640.	2.4	37
12	CircRNA Role and circRNA-Dependent Network (ceRNET) in Asthenozoospermia. Frontiers in Endocrinology, 2020, 11, 395.	3.5	33
13	The Epigenetics of the Endocannabinoid System. International Journal of Molecular Sciences, 2020, 21, 1113.	4.1	46
14	Expression Patterns of Circular RNAs in High Quality and Poor Quality Human Spermatozoa. Frontiers in Endocrinology, 2019, 10, 435.	3.5	36
15	Neuro-toxic and Reproductive Effects of BPA. Current Neuropharmacology, 2019, 17, 1109-1132.	2.9	141
16	CircNAPEPLD is expressed in human and murine spermatozoa and physically interacts with oocyte miRNAs. RNA Biology, 2019, 16, 1237-1248.	3.1	31
17	Chronic exposure to low dose of bisphenol A impacts on the first round of spermatogenesis via SIRT1 modulation. Scientific Reports, 2018, 8, 2961.	3.3	61
18	Analysis of Endocannabinoid System in Rat Testis During the First Spermatogenetic Wave. Frontiers in Endocrinology, 2018, 9, 269.	3.5	12

#	Article	IF	Citations
19	Bisphenol A in Reproduction: Epigenetic Effects. Current Medicinal Chemistry, 2018, 25, 748-770.	2.4	117
20	Impact of Dietary Fats on Brain Functions. Current Neuropharmacology, 2018, 16, 1059-1085.	2.9	95
21	Kisspeptin regulates steroidogenesis and spermiation in anuran amphibian. Reproduction, 2017, 154, 403-414.	2.6	26
22	Effects of Neuroendocrine CB1 Activity on Adult Leydig Cells. Frontiers in Endocrinology, 2016, 7, 47.	3.5	19
23	Bisphenol A induces hypothalamic down-regulation of the the cannabinoid receptor 1 and anorexigenic effects in male mice. Pharmacological Research, 2016, 113, 376-383.	7.1	24
24	Anandamide acts via kisspeptin in the regulation of testicular activity of the frog, Pelophylax esculentus. Molecular and Cellular Endocrinology, 2016, 420, 75-84.	3.2	19
25	Kisspeptins, Estrogens and Male Fertility. Current Medicinal Chemistry, 2016, 23, 4070-4091.	2.4	47
26	Expression Analysis ofGnrh1andGnrhr1in Spermatogenic Cells of Rat. International Journal of Endocrinology, 2015, 2015, 1-8.	1.5	26
27	Kisspeptin drives germ cell progression in the anuran amphibian Pelophylax esculentus: A study carried out in ex vivo testes. General and Comparative Endocrinology, 2015, 211, 81-91.	1.8	32
28	Modulators of HypothalamicÃ¢â‚¬â€œPituitaryÃ¢â‚¬â€œGonadal Axis for the Control of Spermatogenesis and Sperm Quality in Vertebrates. Frontiers in Endocrinology, 2014, 5, 135.	3.5	13
29	Endocannabinoids are Involved in Male Vertebrate Reproduction: Regulatory Mechanisms at Central and Gonadal Level. Frontiers in Endocrinology, 2014, 5, 54.	3.5	43
30	Intra-Testicular Signals Regulate Germ Cell Progression and Production of Qualitatively Mature Spermatozoa in Vertebrates. Frontiers in Endocrinology, 2014, 5, 69.	3.5	51
31	Molecular Chaperones, Cochaperones, and Ubiquitination/Deubiquitination System: Involvement in the Production of High Quality Spermatozoa. BioMed Research International, 2014, 2014, 1-10.	1.9	30
32	Hypothalamusâ€“pituitary axis: An obligatory target for endocannabinoids to inhibit steroidogenesis in frog testis. General and Comparative Endocrinology, 2014, 205, 88-93.	1.8	13
33	Nuclear size as estrogen-responsive chromatin quality parameter of mouse spermatozoa. General and Comparative Endocrinology, 2013, 193, 201-209.	1.8	27
34	Kisspeptin Receptor, GPR54, as a Candidate for the Regulation of Testicular Activity in the Frog Rana esculenta1. Biology of Reproduction, 2013, 88, 73.	2.7	36
35	Endocannabinoids and Endovanilloids: A Possible Balance in the Regulation of the Testicular GnRH Signalling. International Journal of Endocrinology, 2013, 2013, 1-9.	1.5	8
36	Estrogens and Spermiogenesis: New Insights from Type 1 Cannabinoid Receptor Knockout Mice. International Journal of Endocrinology, 2013, 2013, 1-12.	1.5	43

#	Article	IF	Citations
37	Low 17beta-Estradiol Levels in Cnr1 Knock-Out Mice Affect Spermatid Chromatin Remodeling by Interfering with Chromatin Reorganization. Biology of Reproduction, 2013, 88, 152-152.	2.7	47
38	Anandamide regulates the expression of GnRH1, GnRH2, and GnRH-Rs in frog testis. American Journal of Physiology - Endocrinology and Metabolism, 2012, 303, E475-E487.	3.5	31
39	The role of endocannabinoids in gonadal function and fertility along the evolutionary axis. Molecular and Cellular Endocrinology, 2012, 355, 1-14.	3.2	71
40	The contribution of lower vertebrate animal models in human reproduction research. General and Comparative Endocrinology, 2011, 171, 17-27.	1.8	37
41	Anandamide modulates the expression of GnRH-II and GnRHRs in frog, Rana esculenta, diencephalon. General and Comparative Endocrinology, 2011, 173, 389-395.	1.8	23
42	Pre-natal exposure of mice to bisphenol A elicits an endometriosis-like phenotype in female offspring. General and Comparative Endocrinology, 2010, 168, 318-325.	1.8	107
43	A Gradient of 2-Arachidonoylglycerol Regulates Mouse Epididymal Sperm Cell Start-Up1. Biology of Reproduction, 2010, 82, 451-458.	2.7	77
44	Cannabinoids and Reproduction: A Lasting and Intriguing History. Pharmaceuticals, 2010, 3, 3275-3323.	3.8	28
45	Cannabinoid Receptor 1 Influences Chromatin Remodeling in Mouse Spermatids by Affecting Content of Transition Protein 2 mRNA and Histone Displacement. Endocrinology, 2010, 151, 5017-5029.	2.8	85
46	Global Gene Expression Profiling Of Human Pleural Mesotheliomas: Identification of Matrix Metalloproteinase 14 (MMP-14) as Potential Tumour Target. PLoS ONE, 2009, 4, e7016.	2.5	73
47	Chapter 14 CB1 Activity in Male Reproduction: Mammalian and Nonmammalian Animal Models. Vitamins and Hormones, 2009, 81, 367-387.	1.7	29
48	Testicular Gonadotropinâ€releasing Hormone Activity, Progression of Spermatogenesis, and Sperm Transport in Vertebrates. Annals of the New York Academy of Sciences, 2009, 1163, 279-291.	3.8	34
49	The Endocannabinoid System: An Ancient Signaling Involved in the Control of Male Fertility. Annals of the New York Academy of Sciences, 2009, 1163, 112-124.	3.8	38
50	Estrogen regulation of the male reproductive tract in the frog, Rana esculenta: A role in Fra-1 activation in peritubular myoid cells and in sperm release. General and Comparative Endocrinology, 2008, 155, 838-846.	1.8	25
51	The endocannabinoid system in vertebrate male reproduction: A comparative overview. Molecular and Cellular Endocrinology, 2008, 286, S24-S30.	3.2	47
52	Non-mammalian vertebrate models and the endocannabinoid system: Relationships with gonadotropin-releasing hormone. Molecular and Cellular Endocrinology, 2008, 286, S46-S51.	3.2	21
53	Editorial. Molecular and Cellular Endocrinology, 2008, 286, S1-S2.	3.2	0
54	Expression of Type-1 Cannabinoid Receptor During Rat Postnatal Testicular Development: Possible Involvement in Adult Leydig Cell Differentiation1. Biology of Reproduction, 2008, 79, 758-765.	2.7	58

#	Article	IF	Citations
55	Interplay between the Endocannabinoid System and GnRH-I in the Forebrain of the Anuran Amphibian Rana esculenta. Endocrinology, 2008, 149, 2149-2158.	2.8	47
56	Cloning of typeâ€ƒ1 cannabinoid receptor in Rana esculenta reveals differences between genomic sequence and cDNA. FEBS Journal, 2007, 274, 2909-2920.	4.7	19
57	UBPy/MSJ-1 system during male germ cell progression in the frog, Rana esculenta. General and Comparative Endocrinology, 2007, 153, 275-279.	1.8	6
58	Endocannabinoid control of sperm motility: The role of epididymus. General and Comparative Endocrinology, 2007, 153, 320-322.	1.8	74
59	Type-1 cannabinoid receptor expression in the frog,Rana esculenta, tissues: A possible involvement in the regulation of testicular activity. Molecular Reproduction and Development, 2006, 73, 551-558.	2.0	36
60	Endocannabinoid System in Frog and Rodent Testis: Type-1 Cannabinoid Receptor and Fatty Acid Amide Hydrolase Activity in Male Germ Cells1. Biology of Reproduction, 2006, 75, 82-89.	2.7	94
61	Fra-1 Activity in the Frog,Rana esculenta, Testis. Annals of the New York Academy of Sciences, 2005, 1040, 264-268.	3.8	6
62	Fra1 Activity in the Frog, Rana esculenta, Testis: A New Potential Role in Sperm Transport1. Biology of Reproduction, 2005, 72, 1101-1108.	2.7	14
63	Testicular Activity of Mos in the Frog, Rana esculenta: A New Role in Spermatogonial Proliferation1. Biology of Reproduction, 2004, 70, 1782-1789.	2.7	16
64	Detection ofmsj-1 gene expression in the frog,Rana esculenta testis, brain, and spinal cord. Molecular Reproduction and Development, 2004, 68, 149-158.	2.0	7
65	Intratesticular signals for progression of germ cell stages in vertebrates. General and Comparative Endocrinology, 2003, 134, 220-228.	1.8	17
66	Cytoplasmic Versus Nuclear Localization of Fos-Related Proteins in the Frog, Rana esculenta, Testis: In Vivo and Direct In Vitro Effect of a Gonadotropin-Releasing Hormone Agonist1. Biology of Reproduction, 2003, 68, 954-960.	2.7	24
67	Cytoplasmic and Nuclear Fos Protein Forms Regulate Resumption of Spermatogenesis in the Frog,Rana esculenta. Endocrinology, 2002, 143, 163-170.	2.8	47
68	Mouse Sperm Cell-Specific DnaJ First Homologue: An Evolutionarily Conserved Protein for Spermiogenesis1. Biology of Reproduction, 2002, 66, 1328-1335.	2.7	24
69	Evolutionary Aspects of Cellular Communication in the Vertebrate Hypothalamoâ€“Hypophysioâ€“Gonadal Axis. International Review of Cytology, 2002, 218, 69-143e.	6.2	90
70	Cytoplasmic and Nuclear Fos Protein Forms Regulate Resumption of Spermatogenesis in the Frog, Rana esculenta. Endocrinology, 2002, 143, 163-170.	2.8	22
71	Effects of multiple injections of ethane 1,2-dimethane sulphonate (EDS) on the frog,Rana esculenta, testicular activity. The Journal of Experimental Zoology, 2000, 287, 384-393.	1.4	10
72	c-fos Activity in Rana esculenta Testis: Seasonal and Estradiol-Induced Changes*. Endocrinology, 1999, 140, 3238-3244.	2.8	50

#	Article	IF	Citations
73	c-fos Activity in Rana esculenta Testis: Seasonal and Estradiol-Induced Changes. Endocrinology, 1999, 140, 3238-3244.	2.8	16
74	Neuroendocrine and Local Control of the Frog Testisa. Annals of the New York Academy of Sciences, 1998, 839, 260-264.	3.8	2
75	Detection of c-Myc, c-Fos, and c-Jun-Like Products in the Lizard (Podarcis s. sicula) Testisa. Annals of the New York Academy of Sciences, 1998, 839, 561-563.	3.8	1
76	c-fos- and c-jun-like mRNA Expression in Frog (Rana esculenta) Testis during the Annual Reproductive Cycle. General and Comparative Endocrinology, 1997, 106, 23-29.	1.8	16
77	Proto-oncogene Activity in the Testis of the Lizard,Podarcis s. sicula,during the Annual Reproductive Cycle. General and Comparative Endocrinology, 1997, 108, 173-181.	1.8	10
78	17Î²â€estradiol effects on mast cell number and spermatogonial mitotic index in the testis of the frog, Rana esculenta. The Journal of Experimental Zoology, 1997, 278, 93-100.	1.4	53
79	Induction of S-phase entry by a gonadotropin releasing hormone agonist (buserelin) in the frog, Rana esculenta, primary spermatogonia. Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology, 1996, 113, 99-102.	0.5	7
80	Localization of GnRH molecular forms in the brain, pituitary, and testis of the frog,Rana esculenta. The Journal of Experimental Zoology, 1996, 274, 33-40.	1.4	39
81	Ethane 1,2-dimethane Sulfonate Effects on the Testis of the Lizard, Podarcis s. sicula Raf: Morphological and Hormonal Changes. General and Comparative Endocrinology, 1995, 97, 273-282.	1.8	20
82	Changes in Proto-oncogene Activity in the Testis of the Frog, Rana esculenta, during the Annual Reproductive Cycle. General and Comparative Endocrinology, 1995, 99, 127-136.	1.8	23
83	Chicken GnRH-II and salmon GnRH effects on plasma and testicular androgen concentrations in the male frog, Rana esculenta, during the annual reproductive cycle. Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology, 1995, 112, 79-86.	0.5	5
84	Localization and characterization of gonadotropin-releasing hormones in the brain, gonads, and plasma of a dipnoi (lungfish, Protopterus annectens). Regulatory Peptides, 1995, 57, 163-174.	1.9	26
85	Detection of c-mos related products in the dogfish (Scyliorhinus canicula) testis. Molecular and Cellular Endocrinology, 1995, 109, 127-132.	3.2	11
86	Regeneration of the Testicular Interstitial Compartment after Ethane Dimethane Sulfonate Treatment in the Hypophysectomized Frog Rana esculenta: Independence of Pituitary Control. General and Comparative Endocrinology, 1994, 95, 84-91.	1.8	8
87	Two GnRHs fluctuate in correlation with androgen levels in the male frogRana esculenta. The Journal of Experimental Zoology, 1993, 266, 277-283.	1.4	32
88	Morpho-functional aspects of the hypothalanus-pituitary-gonadal axis of elasmobranch fishes. Environmental Biology of Fishes, 1993, 38, 187-196.	1.0	15
89	Dopamine regulation of testicular activity in intact and hypophysectomized frogs,Rana esculenta. Experientia, 1993, 49, 65-67.	1.2	6
90	Gonadotropin-releasing hormone in elasmobranch (electric ray, Torpedo marmorata) brain and plasma: Chromatographic and immunological evidence for chicken GnRH II and novel molecular forms. Peptides, 1992, 13, 27-35.	2.4	22

#	Article	IF	Citations
91	Seasonal fluctuations of androgen-binding activity in the testis of the frog, Rana esculenta. General and Comparative Endocrinology, 1992, 88, 335-340.	1.8	10
92	Effects of gonadotropin-releasing hormone variants on plasma and testicular androgen levels in intact and hypophysectomized male frogs,Rana esculenta. The Journal of Experimental Zoology, 1992, 261, 34-39.	1.4	16
93	Intratesticular control of spermatogenesis in the frog,Rana esculenta. The Journal of Experimental Zoology, 1992, 264, 113-118.	1.4	24
94	Immunoreactive GnRH in Hypothalamic and Extrahypothalamic Areas. International Review of Cytology, 1991, 127, 1-55.	6.2	75
95	Sites of action of local estradiol feedback mechanism in the frog (Rana esculenta) testis. General and Comparative Endocrinology, 1991, 81, 492-499.	1.8	21
96	Effects of cyproterone acetate on testicular and plasma androgen levels in the frog, Rana esculenta. Rendiconti Lincei, 1991, 2, 403-407.	2.2	1
97	Effects of photoperiod on plasma steroid hormone levels in the Gentile di Puglia ram. Rendiconti Lincei, 1991, 2, 409-414.	2.2	0
98	Morphological and hormonal changes in the frog, Rana esculenta, testis after administration of ethane dimethane sulfonate. General and Comparative Endocrinology, 1990, 79, 335-345.	1.8	32
99	Indirect evidence for a physiological role exerted by a â€œTesticular gonadotropin-releasing hormoneâ€• in the frog, Rana esculenta. General and Comparative Endocrinology, 1990, 79, 147-153.	1.8	8
100	Regulation of the testicular activity in the marine teleost fish, Gobius paganellus. General and Comparative Endocrinology, 1990, 80, 1-8.	1.8	12
101	Temporal pattern of labeling of liver, blood, fat body and testis lipids inRana esculenta. Bollettino Di Zoologia, 1990, 57, 125-130.	0.3	1
102	Characterization of gonadotropin-releasing hormone (GnRH) binding sites in the pituitary and testis of the frog, Ranaesculenta. Biochemical and Biophysical Research Communications, 1990, 168, 923-932.	2.1	38
103	Seasonal fluctuations of estrogen-binding activity in the testis of the frog, Rana esculenta. General and Comparative Endocrinology, 1989, 75, 157-161.	1.8	21
104	Intratesticular feedback mechanisms in the regulation of steroid profiles in the frog, Rana esculenta. General and Comparative Endocrinology, 1989, 75, 335-342.	1.8	53
105	Molecular forms of immunoreactive gonadotropin-releasing hormone in hypothalamus and testis of the frog, Rana esculenta. General and Comparative Endocrinology, 1989, 75, 343-348.	1.8	49
106	Reproductive biology of elasmobranchs with emphasis on endocrines. The Journal of Experimental Zoology, 1989, 252, 53-61.	1.4	10
107	Relationship between estradiol-17Î² seasonal profile and annual vitellogenin content of liver, fat body, plasma, and ovary in the frog (Rana esculenta). General and Comparative Endocrinology, 1988, 69, 328-334.	1.8	15
108	A Gonadotropin-Releasing Hormone (GnRH) Antagonist Decreases Androgen Production and Spermatogonial Multiplication in Frog (Rana esculenta): Indirect Evidence for the Existence of GnRH or GnRH-Like Material Receptors in the Hypophysis and Testis*. Endocrinology, 1988, 122, 62-67.	2.8	43

#	Article	IF	Citations
109	Regulation of Ovarian Steroidogenesis. , 1987, , 117-144.		19
110	Seasonal plasma and intraovarian sex steroid profiles, and influence of temperature on gonadotropin stimulation of in vitro estradiol-17Î² and progesterone production, in Rana esculenta (Amphibia: Anura). General and Comparative Endocrinology, 1987, 67, 163-168.	1.8	16
111	Plasma sex hormone profile in Gentile di Puglia ewes during the estrus cycle. Journal of Endocrinological Investigation, 1986, 9, 83-85.	3.3	1
112	In vitroGnRHa (HOE766) effects on ovarian steroidâ€output in non mammalian vertebrates. Bollettino Di Zoologia, 1986, 53, 381-383.	0.3	6
113	In Vivoandin VitroStimulatory Effect of a Gonadotropin-Releasing Hormone Analog (HOE) Tj ETQq1 1 0.784314 rgBT /O	2.8	59
114	Effect of temperature and darkness on testosterone concentration in the testes of intact frogs (Rana) Tj ETQq0 0 0 rgBT /Overlock 10 T Endocrinology, 1985, 58, 128-130.	1.8	14
115	Seasonal plasma profiles of testosterone and androstenedione in the Gentile di Puglia ram in southern Italy. Journal of Endocrinological Investigation, 1985, 8, 263-264.	3.3	2
116	Seasonal plasma sex steroid levels in the female Rana esculenta. General and Comparative Endocrinology, 1984, 53, 126-134.	1.8	42
117	Endocannabinoids and Kisspeptins: Two Modulators in Fight for the Regulation of GnRH Activity. , 0, , .		5
118	KISS1R and ANKRD31 Cooperate to Enhance Leydig Cell Gene Expression via the Cytoskeletal-Nucleoskeletal Pathway. Frontiers in Cell and Developmental Biology, 0, 10, .	3.7	1