Silvia Fasano

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4653616/publications.pdf

Version: 2024-02-01

102 papers	3,063 citations	136740 32 h-index	214527 47 g-index
104 all docs	104 docs citations	104 times ranked	1930 citing authors

#	Article	IF	Citations
1	Neuro-toxic and Reproductive Effects of BPA. Current Neuropharmacology, 2019, 17, 1109-1132.	1.4	141
2	Impact of Dietary Fats on Brain Functions. Current Neuropharmacology, 2018, 16, 1059-1085.	1.4	95
3	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.	1.2	94
4	Evolutionary Aspects of Cellular Communication in the Vertebrate Hypothalamoâ€“Hypophysioâ€“Gonadal Axis. International Review of Cytology, 2002, 218, 69-143e.	6.2	90
5	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.	1.4	85
6	A Gradient of 2-Arachidonoylglycerol Regulates Mouse Epididymal Sperm Cell Start-Up1. Biology of Reproduction, 2010, 82, 451-458.	1.2	77
7	Immunoreactive GnRH in Hypothalamic and Extrahypothalamic Areas. International Review of Cytology, 1991, 127, 1-55.	6.2	75
8	Endocannabinoid control of sperm motility: The role of epididymus. General and Comparative Endocrinology, 2007, 153, 320-322.	0.8	74
9	Global Gene Expression Profiling Of Human Pleural Mesotheliomas: Identification of Matrix Metalloproteinase 14 (MMP-14) as Potential Tumour Target. PLoS ONE, 2009, 4, e7016.	1.1	73
10	The role of endocannabinoids in gonadal function and fertility along the evolutionary axis. Molecular and Cellular Endocrinology, 2012, 355, 1-14.	1.6	71
11	Chronic exposure to low dose of bisphenol A impacts on the first round of spermatogenesis via SIRT1 modulation. Scientific Reports, 2018, 8, 2961.	1.6	61
12	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.	1.2	58
13	Intratesticular feedback mechanisms in the regulation of steroid profiles in the frog, Rana esculenta. General and Comparative Endocrinology, 1989, 75, 335-342.	0.8	53
14	17Î²-estradiol effects on mast cell number and spermatogonial mitotic index in the testis of the frog,Rana esculenta. , 1997, 278, 93-100.		53
15	Intra-Testicular Signals Regulate Germ Cell Progression and Production of Qualitatively Mature Spermatozoa in Vertebrates. Frontiers in Endocrinology, 2014, 5, 69.	1.5	51
16	c-fos Activity in Rana esculenta Testis: Seasonal and Estradiol-Induced Changes*. Endocrinology, 1999, 140, 3238-3244.	1.4	50
17	Molecular forms of immunoreactive gonadotropin-releasing hormone in hypothalamus and testis of the frog, Rana esculenta. General and Comparative Endocrinology, 1989, 75, 343-348.	0.8	49
18	Cytoplasmic and Nuclear Fos Protein Forms Regulate Resumption of Spermatogenesis in the Frog,Rana esculenta. Endocrinology, 2002, 143, 163-170.	1.4	47

#	Article	IF	Citations
19	The endocannabinoid system in vertebrate male reproduction: A comparative overview. Molecular and Cellular Endocrinology, 2008, 286, S24-S30.	1.6	47
20	Interplay between the Endocannabinoid System and GnRH-I in the Forebrain of the Anuran Amphibian Rana esculenta. Endocrinology, 2008, 149, 2149-2158.	1.4	47
21	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.	1.2	47
22	Kisspeptins, Estrogens and Male Fertility. Current Medicinal Chemistry, 2016, 23, 4070-4091.	1.2	47
23	The Epigenetics of the Endocannabinoid System. International Journal of Molecular Sciences, 2020, 21, 1113.	1.8	46
24	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.	1.4	43
25	Estrogens and Spermiogenesis: New Insights from Type 1 Cannabinoid Receptor Knockout Mice. International Journal of Endocrinology, 2013, 2013, 1-12.	0.6	43
26	Endocannabinoids are Involved in Male Vertebrate Reproduction: Regulatory Mechanisms at Central and Gonadal Level. Frontiers in Endocrinology, 2014, 5, 54.	1.5	43
27	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.	1.0	38
28	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.	1.8	38
29	The contribution of lower vertebrate animal models in human reproduction research. General and Comparative Endocrinology, 2011, 171, 17-27.	0.8	37
30	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.	1.0	37
31	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.	1.0	36
32	Kisspeptin Receptor, GPR54, as a Candidate for the Regulation of Testicular Activity in the Frog Rana esculenta1. Biology of Reproduction, 2013, 88, 73.	1.2	36
33	Expression Patterns of Circular RNAs in High Quality and Poor Quality Human Spermatozoa. Frontiers in Endocrinology, 2019, 10, 435.	1.5	36
34	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.	1.8	34
35	CircRNA Role and circRNA-Dependent Network (ceRNET) in Asthenozoospermia. Frontiers in Endocrinology, 2020, 11, 395.	1.5	33
36	Morphological and hormonal changes in the frog, Rana esculenta, testis after administration of ethane dimethane sulfonate. General and Comparative Endocrinology, 1990, 79, 335-345.	0.8	32

#	Article	IF	Citations
37	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
38	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.	0.8	32
39	Anandamide regulates the expression of GnRH1, GnRH2, and GnRH-Rs in frog testis. American Journal of Physiology - Endocrinology and Metabolism, 2012, 303, E475-E487.	1.8	31
40	CircNAPEPLD is expressed in human and murine spermatozoa and physically interacts with oocyte miRNAs. RNA Biology, 2019, 16, 1237-1248.	1.5	31
41	Molecular Chaperones, Cochaperones, and Ubiquitination/Deubiquitination System: Involvement in the Production of High Quality Spermatozoa. BioMed Research International, 2014, 2014, 1-10.	0.9	30
42	Chapter 14 CB1 Activity in Male Reproduction: Mammalian and Nonmammalian Animal Models. Vitamins and Hormones, 2009, 81, 367-387.	0.7	29
43	Cannabinoids and Reproduction: A Lasting and Intriguing History. Pharmaceuticals, 2010, 3, 3275-3323.	1.7	28
44	Nuclear size as estrogen-responsive chromatin quality parameter of mouse spermatozoa. General and Comparative Endocrinology, 2013, 193, 201-209.	0.8	27
45	Expression Analysis ofGnrh1andGnrhr1in Spermatogenic Cells of Rat. International Journal of Endocrinology, 2015, 2015, 1-8.	0.6	26
46	Kisspeptin regulates steroidogenesis and spermiation in anuran amphibian. Reproduction, 2017, 154, 403-414.	1.1	26
47	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.	0.8	25
48	Intratesticular control of spermatogenesis in the frog,Rana esculenta. The Journal of Experimental Zoology, 1992, 264, 113-118.	1.4	24
49	Mouse Sperm Cell-Specific DnaJ First Homologue: An Evolutionarily Conserved Protein for Spermiogenesis1. Biology of Reproduction, 2002, 66, 1328-1335.	1.2	24
50	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.	1.2	24
51	Bisphenol A induces hypothalamic down-regulation of the the cannabinoid receptor 1 and anorexigenic effects in male mice. Pharmacological Research, 2016, 113, 376-383.	3.1	24
52	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.	0.8	23
53	Anandamide modulates the expression of GnRH-II and GnRHRs in frog, Rana esculenta, diencephalon. General and Comparative Endocrinology, 2011, 173, 389-395.	0.8	23
54	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.	1.2	22

#	Article	IF	Citations
55	Cytoplasmic and Nuclear Fos Protein Forms Regulate Resumption of Spermatogenesis in the Frog, Rana esculenta. , 0, .		22
56	Seasonal fluctuations of estrogen-binding activity in the testis of the frog, Rana esculenta. General and Comparative Endocrinology, 1989, 75, 157-161.	0.8	21
57	Sites of action of local estradiol feedback mechanism in the frog (Rana esculenta) testis. General and Comparative Endocrinology, 1991, 81, 492-499.	0.8	21
58	Non-mammalian vertebrate models and the endocannabinoid system: Relationships with gonadotropin-releasing hormone. Molecular and Cellular Endocrinology, 2008, 286, S46-S51.	1.6	21
59	Characterization of Follicular Atresia Responsive to BPA in Zebrafish by Morphometric Analysis of Follicular Stage Progression. International Journal of Endocrinology, 2018, 2018, 1-10.	0.6	21
60	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.	0.8	20
61	Cloning of typeâ€ƒ1 cannabinoid receptor in Rana esculenta reveals differences between genomic sequence and cDNA. FEBS Journal, 2007, 274, 2909-2920.	2.2	19
62	Effects of Neuroendocrine CB1 Activity on Adult Leydig Cells. Frontiers in Endocrinology, 2016, 7, 47.	1.5	19
63	Anandamide acts via kisspeptin in the regulation of testicular activity of the frog, Pelophylax esculentus. Molecular and Cellular Endocrinology, 2016, 420, 75-84.	1.6	19
64	Intratesticular signals for progression of germ cell stages in vertebrates. General and Comparative Endocrinology, 2003, 134, 220-228.	0.8	17
65	Kisspeptins, new local modulators of male reproduction: A comparative overview. General and Comparative Endocrinology, 2020, 299, 113618.	0.8	17
66	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.	0.8	16
67	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
68	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.	0.8	16
69	Morpho-functional aspects of the hypothalanus-pituitary-gonadal axis of elasmobranch fishes. Environmental Biology of Fishes, 1993, 38, 187-196.	0.4	15
70	Effect of temperature and darkness on testosterone concentration in the testes of intact frogs (Rana) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Endocrinology, 1985, 58, 128-130.	0.8	14
71	Fra1 Activity in the Frog, Rana esculenta, Testis: A New Potential Role in Sperm Transport1. Biology of Reproduction, 2005, 72, 1101-1108.	1.2	14
72	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.	1.5	13

#	Article	IF	Citations
73	Hypothalamusâ€“pituitary axis: An obligatory target for endocannabinoids to inhibit steroidogenesis in frog testis. General and Comparative Endocrinology, 2014, 205, 88-93.	0.8	13
74	Regulation of the testicular activity in the marine teleost fish, Gobius paganellus. General and Comparative Endocrinology, 1990, 80, 1-8.	0.8	12
75	Analysis of Endocannabinoid System in Rat Testis During the First Spermatogenetic Wave. Frontiers in Endocrinology, 2018, 9, 269.	1.5	12
76	Fetal-Perinatal Exposure to Bisphenol-A Affects Quality of Spermatozoa in Adulthood Mouse. International Journal of Endocrinology, 2020, 2020, 1-8.	0.6	12
77	LINCking the Nuclear Envelope to Sperm Architecture. Genes, 2021, 12, 658.	1.0	12
78	Detection of c-mos related products in the dogfish (Scyliorhinus canicula) testis. Molecular and Cellular Endocrinology, 1995, 109, 127-132.	1.6	11
79	Editorial: The Multiple Facets of Kisspeptin Activity in Biological Systems. Frontiers in Endocrinology, 2018, 9, 727.	1.5	11
80	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.	1.8	11
81	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.	1.8	11
82	Reproductive biology of elasmobranchs with emphasis on endocrines. The Journal of Experimental Zoology, 1989, 252, 53-61.	1.4	10
83	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
84	Differential Expression of Kisspeptin System and Kisspeptin Receptor Trafficking during Spermatozoa Transit in the Epididymis. Genes, 2022, 13, 295.	1.0	9
85	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.	0.8	8
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.	0.8	8
87	Endocannabinoids and Endovanilloids: A Possible Balance in the Regulation of the Testicular GnRH Signalling. International Journal of Endocrinology, 2013, 2013, 1-9.	0.6	8
88	Kisspeptin Receptor on the Sperm Surface Reflects Epididymal Maturation in the Dog. International Journal of Molecular Sciences, 2021, 22, 10120.	1.8	8
89	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
90	Detection ofmsj-1 gene expression in the frog,Rana esculenta testis, brain, and spinal cord. Molecular Reproduction and Development, 2004, 68, 149-158.	1.0	7

#	Article	IF	Citations
91	CRISP2, CATSPER1 and PATE1 Expression in Human Asthenozoospermic Semen. Cells, 2021, 10, 1956.	1.8	7
92	Dopamine regulation of testicular activity in intact and hypophysectomized frogs,Rana esculenta. Experientia, 1993, 49, 65-67.	1.2	6
93	Fra-1 Activity in the Frog,Rana esculenta, Testis. Annals of the New York Academy of Sciences, 2005, 1040, 264-268.	1.8	6
94	UBPy/MSJ-1 system during male germ cell progression in the frog, Rana esculenta. General and Comparative Endocrinology, 2007, 153, 275-279.	0.8	6
95	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
96	Endocannabinoids and Kisspeptins: Two Modulators in Fight for the Regulation of GnRH Activity. , 0, , .		5
97	Characterization of Estrogenic Activity and Site-Specific Accumulation of Bisphenol-A in Epididymal Fat Pad: Interfering Effects on the Endocannabinoid System and Temporal Progression of Germ Cells. International Journal of Molecular Sciences, 2021, 22, 2540.	1.8	5
98	Neuroendocrine and Local Control of the Frog Testisa. Annals of the New York Academy of Sciences, 1998, 839, 260-264.	1.8	2
99	Effects of cyproterone acetate on testicular and plasma androgen levels in the frog, Rana esculenta. Rendiconti Lincei, 1991, 2, 403-407.	1.0	1
100	KISS1R and ANKRD31 Cooperate to Enhance Leydig Cell Gene Expression via the Cytoskeletal-Nucleoskeletal Pathway. Frontiers in Cell and Developmental Biology, 0, 10, .	1.8	1
101	Effects of photoperiod on plasma steroid hormone levels in the Gentile di Puglia ram. Rendiconti Lincei, 1991, 2, 409-414.	1.0	0
102	Editorial. Molecular and Cellular Endocrinology, 2008, 286, S1-S2.	1.6	0