

Rosaria Meccariello

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

2,753
citations

147801

31
h-index

206112

48
g-index

80
all docs

80
docs citations

80
times ranked

2180
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuro-toxic and Reproductive Effects of BPA. <i>Current Neuropharmacology</i> , 2019, 17, 1109-1132.	2.9	141
2	Bisphenol A in Reproduction: Epigenetic Effects. <i>Current Medicinal Chemistry</i> , 2018, 25, 748-770.	2.4	117
3	Ï‰-3 and Ï‰-6 Polyunsaturated Fatty Acids, Obesity and Cancer. <i>Nutrients</i> , 2020, 12, 2751.	4.1	111
4	Impact of Dietary Fats on Brain Functions. <i>Current Neuropharmacology</i> , 2018, 16, 1059-1085.	2.9	95
5	Endocannabinoid System in Frog and Rodent Testis: Type-1 Cannabinoid Receptor and Fatty Acid Amide Hydrolase Activity in Male Germ Cells1. <i>Biology of Reproduction</i> , 2006, 75, 82-89.	2.7	94
6	Evolutionary Aspects of Cellular Communication in the Vertebrate Hypothalamoâ€“Hypophysioâ€“Gonadal Axis. <i>International Review of Cytology</i> , 2002, 218, 69-143e.	6.2	90
7	Endocannabinoid System in First Trimester Placenta: Low FAAH and High CB1 Expression Characterize Spontaneous Miscarriage. <i>Placenta</i> , 2009, 30, 516-522.	1.5	87
8	Cannabinoid Receptor 1 Influences Chromatin Remodeling in Mouse Spermatids by Affecting Content of Transition Protein 2 mRNA and Histone Displacement. <i>Endocrinology</i> , 2010, 151, 5017-5029.	2.8	85
9	A Gradient of 2-Arachidonoylglycerol Regulates Mouse Epididymal Sperm Cell Start-Up1. <i>Biology of Reproduction</i> , 2010, 82, 451-458.	2.7	77
10	Endocannabinoid control of sperm motility: The role of epididymus. <i>General and Comparative Endocrinology</i> , 2007, 153, 320-322.	1.8	74
11	Global Gene Expression Profiling Of Human Pleural Mesotheliomas: Identification of Matrix Metalloproteinase 14 (MMP-14) as Potential Tumour Target. <i>PLoS ONE</i> , 2009, 4, e7016.	2.5	73
12	The role of endocannabinoids in gonadal function and fertility along the evolutionary axis. <i>Molecular and Cellular Endocrinology</i> , 2012, 355, 1-14.	3.2	71
13	Chronic exposure to low dose of bisphenol A impacts on the first round of spermatogenesis via SIRT1 modulation. <i>Scientific Reports</i> , 2018, 8, 2961.	3.3	61
14	Expression of Type-1 Cannabinoid Receptor During Rat Postnatal Testicular Development: Possible Involvement in Adult Leydig Cell Differentiation1. <i>Biology of Reproduction</i> , 2008, 79, 758-765.	2.7	58
15	Microplastics: A Threat for Male Fertility. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2392.	2.6	58
16	Updates in Reproduction Coming from the Endocannabinoid System. <i>International Journal of Endocrinology</i> , 2014, 2014, 1-16.	1.5	56
17	Intra-Testicular Signals Regulate Germ Cell Progression and Production of Qualitatively Mature Spermatozoa in Vertebrates. <i>Frontiers in Endocrinology</i> , 2014, 5, 69.	3.5	51
18	c-fos Activity in <i>Rana esculenta</i> Testis: Seasonal and Estradiol-Induced Changes*. <i>Endocrinology</i> , 1999, 140, 3238-3244.	2.8	50

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19	Cytoplasmic and Nuclear Fos Protein Forms Regulate Resumption of Spermatogenesis in the Frog, <i>Rana esculenta</i> . <i>Endocrinology</i> , 2002, 143, 163-170.	2.8	47
20	The endocannabinoid system in vertebrate male reproduction: A comparative overview. <i>Molecular and Cellular Endocrinology</i> , 2008, 286, S24-S30.	3.2	47
21	Interplay between the Endocannabinoid System and GnRH-I in the Forebrain of the Anuran Amphibian <i>Rana esculenta</i> . <i>Endocrinology</i> , 2008, 149, 2149-2158.	2.8	47
22	Kisspeptins, Estrogens and Male Fertility. <i>Current Medicinal Chemistry</i> , 2016, 23, 4070-4091.	2.4	47
23	The Epigenetics of the Endocannabinoid System. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1113.	4.1	46
24	Endocannabinoids are Involved in Male Vertebrate Reproduction: Regulatory Mechanisms at Central and Gonadal Level. <i>Frontiers in Endocrinology</i> , 2014, 5, 54.	3.5	43
25	Impact of Polyphenolic-Food on Longevity: An Elixir of Life. An Overview. <i>Antioxidants</i> , 2021, 10, 507.	5.1	41
26	The Endocannabinoid System: An Ancient Signaling Involved in the Control of Male Fertility. <i>Annals of the New York Academy of Sciences</i> , 2009, 1163, 112-124.	3.8	38
27	The contribution of lower vertebrate animal models in human reproduction research. <i>General and Comparative Endocrinology</i> , 2011, 171, 17-27.	1.8	37
28	Type-1 cannabinoid receptor expression in the frog, <i>Rana esculenta</i> , tissues: A possible involvement in the regulation of testicular activity. <i>Molecular Reproduction and Development</i> , 2006, 73, 551-558.	2.0	36
29	Kisspeptin Receptor, GPR54, as a Candidate for the Regulation of Testicular Activity in the Frog <i>Rana esculenta</i> . <i>Biology of Reproduction</i> , 2013, 88, 73.	2.7	36
30	Bisphenol A induces DNA damage in cells exerting immune surveillance functions at peripheral and central level. <i>Chemosphere</i> , 2020, 254, 126819.	8.2	35
31	Testicular Gonadotropin-releasing Hormone Activity, Progression of Spermatogenesis, and Sperm Transport in Vertebrates. <i>Annals of the New York Academy of Sciences</i> , 2009, 1163, 279-291.	3.8	34
32	Kisspeptin drives germ cell progression in the anuran amphibian <i>Pelophylax esculentus</i> : A study carried out in ex vivo testes. <i>General and Comparative Endocrinology</i> , 2015, 211, 81-91.	1.8	32
33	Anandamide regulates the expression of GnRH1, GnRH2, and GnRH-Rs in frog testis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 303, E475-E487.	3.5	31
34	Molecular Chaperones, Cochaperones, and Ubiquitination/Deubiquitination System: Involvement in the Production of High Quality Spermatozoa. <i>BioMed Research International</i> , 2014, 2014, 1-10.	1.9	30
35	Chapter 14 CB1 Activity in Male Reproduction: Mammalian and Nonmammalian Animal Models. <i>Vitamins and Hormones</i> , 2009, 81, 367-387.	1.7	29
36	BPA and Nutraceuticals, Simultaneous Effects on Endocrine Functions. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2019, 19, 594-604.	1.2	29

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37	Cannabinoids and Reproduction: A Lasting and Intriguing History. <i>Pharmaceuticals</i> , 2010, 3, 3275-3323.	3.8	28
38	Expression Analysis of <i>Gnrh1</i> and <i>Gnrhr1</i> in Spermatogenic Cells of Rat. <i>International Journal of Endocrinology</i> , 2015, 2015, 1-8.	1.5	26
39	Kisspeptin regulates steroidogenesis and spermiation in anuran amphibian. <i>Reproduction</i> , 2017, 154, 403-414.	2.6	26
40	MicroRNAs, Cancer and Diet: Facts and New Exciting Perspectives. <i>Current Molecular Pharmacology</i> , 2018, 11, 90-96.	1.5	26
41	Estrogen regulation of the male reproductive tract in the frog, <i>Rana esculenta</i> : A role in Fra-1 activation in peritubular myoid cells and in sperm release. <i>General and Comparative Endocrinology</i> , 2008, 155, 838-846.	1.8	25
42	The Complex Interplay between Endocannabinoid System and the Estrogen System in Central Nervous System and Periphery. <i>International Journal of Molecular Sciences</i> , 2021, 22, 972.	4.1	25
43	Sirt1 Activity in the Brain: Simultaneous Effects on Energy Homeostasis and Reproduction. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1243.	2.6	25
44	Mouse Sperm Cell-Specific DnaJ First Homologue: An Evolutionarily Conserved Protein for Spermiogenesis1. <i>Biology of Reproduction</i> , 2002, 66, 1328-1335.	2.7	24
45	Cytoplasmic Versus Nuclear Localization of Fos-Related Proteins in the Frog, <i>Rana esculenta</i> , Testis: In Vivo and Direct In Vitro Effect of a Gonadotropin-Releasing Hormone Agonist1. <i>Biology of Reproduction</i> , 2003, 68, 954-960.	2.7	24
46	Anandamide modulates the expression of GnRH-II and GnRHRs in frog, <i>Rana esculenta</i> , diencephalon. <i>General and Comparative Endocrinology</i> , 2011, 173, 389-395.	1.8	23
47	Cytoplasmic and Nuclear Fos Protein Forms Regulate Resumption of Spermatogenesis in the Frog, <i>Rana esculenta</i> . <i>Endocrinology</i> , 2002, 143, 163-170.	2.8	22
48	Pleiotropic Outcomes of Glyphosate Exposure: From Organ Damage to Effects on Inflammation, Cancer, Reproduction and Development. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12606.	4.1	22
49	Non-mammalian vertebrate models and the endocannabinoid system: Relationships with gonadotropin-releasing hormone. <i>Molecular and Cellular Endocrinology</i> , 2008, 286, S46-S51.	3.2	21
50	Cloning of type 1 cannabinoid receptor in <i>Rana esculenta</i> reveals differences between genomic sequence and cDNA. <i>FEBS Journal</i> , 2007, 274, 2909-2920.	4.7	19
51	Effects of Neuroendocrine CB1 Activity on Adult Leydig Cells. <i>Frontiers in Endocrinology</i> , 2016, 7, 47.	3.5	19
52	Anandamide acts via kisspeptin in the regulation of testicular activity of the frog, <i>Pelophylax esculentus</i> . <i>Molecular and Cellular Endocrinology</i> , 2016, 420, 75-84.	3.2	19
53	Intratesticular signals for progression of germ cell stages in vertebrates. <i>General and Comparative Endocrinology</i> , 2003, 134, 220-228.	1.8	17
54	Kisspeptins, new local modulators of male reproduction: A comparative overview. <i>General and Comparative Endocrinology</i> , 2020, 299, 113618.	1.8	17

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55	Endocannabinoid System in Health and Disease: Current Situation and Future Perspectives. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3549.	4.1	17
56	c-fos Activity in <i>Rana esculenta</i> Testis: Seasonal and Estradiol-Induced Changes. <i>Endocrinology</i> , 1999, 140, 3238-3244.	2.8	16
57	Fra1 Activity in the Frog, <i>Rana esculenta</i> , Testis: A New Potential Role in Sperm Transport1. <i>Biology of Reproduction</i> , 2005, 72, 1101-1108.	2.7	14
58	Minireview: The Epigenetic Modulation of KISS1 in Reproduction and Cancer. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2607.	2.6	14
59	Modulators of Hypothalamic-Pituitary-Gonadal Axis for the Control of Spermatogenesis and Sperm Quality in Vertebrates. <i>Frontiers in Endocrinology</i> , 2014, 5, 135.	3.5	13
60	Hypothalamus-pituitary axis: An obligatory target for endocannabinoids to inhibit steroidogenesis in frog testis. <i>General and Comparative Endocrinology</i> , 2014, 205, 88-93.	1.8	13
61	A novel experimental approach for liver analysis in rats exposed to Bisphenol A by means of LC-mass spectrometry and infrared spectroscopy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 165, 207-212.	2.8	13
62	Endocannabinoids and Reproduction. <i>International Journal of Endocrinology</i> , 2014, 2014, 1-2.	1.5	11
63	Editorial: The Multiple Facets of Kisspeptin Activity in Biological Systems. <i>Frontiers in Endocrinology</i> , 2018, 9, 727.	3.5	11
64	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. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9666.	4.1	11
65	Effects of multiple injections of ethane 1,2-dimethane sulphonate (EDS) on the frog, <i>Rana esculenta</i> , testicular activity. <i>The Journal of Experimental Zoology</i> , 2000, 287, 384-393.	1.4	10
66	Differential Expression of Kisspeptin System and Kisspeptin Receptor Trafficking during Spermatozoa Transit in the Epididymis. <i>Genes</i> , 2022, 13, 295.	2.4	9
67	Endocannabinoids and Endovanilloids: A Possible Balance in the Regulation of the Testicular GnRH Signalling. <i>International Journal of Endocrinology</i> , 2013, 2013, 1-9.	1.5	8
68	Kisspeptin Receptor on the Sperm Surface Reflects Epididymal Maturation in the Dog. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10120.	4.1	8
69	Detection of <i>msj-1</i> gene expression in the frog, <i>Rana esculenta</i> testis, brain, and spinal cord. <i>Molecular Reproduction and Development</i> , 2004, 68, 149-158.	2.0	7
70	Fra-1 Activity in the Frog, <i>Rana esculenta</i> , Testis. <i>Annals of the New York Academy of Sciences</i> , 2005, 1040, 264-268.	3.8	6
71	UBPy/MSJ-1 system during male germ cell progression in the frog, <i>Rana esculenta</i> . <i>General and Comparative Endocrinology</i> , 2007, 153, 275-279.	1.8	6
72	The Kisspeptin System in Male Reproduction. <i>Endocrines</i> , 2022, 3, 168-174.	1.0	6

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73	Endocannabinoids and Kisspeptins: Two Modulators in Fight for the Regulation of GnRH Activity. , 0, , .		5
74	Editorial: Endocrine-Disrupting Compounds in Plastics and Their Effects on Reproduction, Fertility, and Development. <i>Frontiers in Toxicology</i> , 2022, 4, 886628.	3.1	5
75	A Calorie-Restricted Ketogenic Diet Reduces Cerebral Cortex Vascularization in Prepubertal Rats. <i>Nutrients</i> , 2019, 11, 2681.	4.1	3
76	Placental Vascularization and Apoptosis in Rats Orally Exposed to Low Doses of Bisphenol A. <i>Open Journal of Obstetrics and Gynecology</i> , 2018, 08, 958-969.	0.2	2
77	The Endocannabinoid System in Human Physiology. , 0, , .		1
78	Central and Local Modulators of Reproduction and Fertility: An Update. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5285.	4.1	1
79	KISS1R and ANKRD31 Cooperate to Enhance Leydig Cell Gene Expression via the Cytoskeletal-Nucleoskeletal Pathway. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	3.7	1
80	Introductory Chapter: Spermatozoa - Facts and Perspectives. , 2018, , .		0