

Anne E O'connor

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2076242/publications.pdf>

Version: 2024-02-01

62
papers

2,336
citations

185998

28
h-index

223531

46
g-index

63
all docs

63
docs citations

63
times ranked

3079
citing authors

#	ARTICLE	IF	CITATIONS
1	Programming Effects of Short Prenatal Exposure to Dexamethasone in Sheep. <i>Hypertension</i> , 2002, 40, 729-734.	1.3	182
2	Mapping the Human Platelet Lipidome Reveals Cytosolic Phospholipase A2 as a Regulator of Mitochondrial Bioenergetics during Activation. <i>Cell Metabolism</i> , 2016, 23, 930-944.	7.2	150
3	Inhibin, activin, follistatin and FSH serum levels and testicular production are highly modulated during the first spermatogenic wave in mice. <i>Reproduction</i> , 2008, 136, 345-359.	1.1	114
4	Changes in Circulating and Testicular Levels of Inhibin A and B and Activin A During Postnatal Development in the Rat. <i>Endocrinology</i> , 2004, 145, 3532-3541.	1.4	91
5	An Essential Role for Katanin p80 and Microtubule Severing in Male Gamete Production. <i>PLoS Genetics</i> , 2012, 8, e1002698.	1.5	89
6	The role of activin, follistatin and inhibin in testicular physiology. <i>Molecular and Cellular Endocrinology</i> , 2004, 225, 57-64.	1.6	87
7	Inhibins in Normal Male Physiology. <i>Seminars in Reproductive Medicine</i> , 2004, 22, 177-185.	0.5	82
8	Proliferative Phase Sertoli Cells Display a Developmentally Regulated Response to Activin in Vitro. <i>Endocrinology</i> , 2003, 144, 474-483.	1.4	81
9	SMAD3 Regulates Gonadal Tumorigenesis. <i>Molecular Endocrinology</i> , 2007, 21, 2472-2486.	3.7	76
10	RAB-Like 2 Has an Essential Role in Male Fertility, Sperm Intra-Flagellar Transport, and Tail Assembly. <i>PLoS Genetics</i> , 2012, 8, e1002969.	1.5	72
11	RBM5 Is a Male Germ Cell Splicing Factor and Is Required for Spermatid Differentiation and Male Fertility. <i>PLoS Genetics</i> , 2013, 9, e1003628.	1.5	68
12	Activin β 2C-Subunit Heterodimers Provide a New Mechanism of Regulating Activin Levels in the Prostate. <i>Endocrinology</i> , 2003, 144, 4410-4419.	1.4	63
13	Prevention of cachexia-like syndrome development and reduction of tumor progression in inhibin-deficient mice following administration of a chimeric activin receptor type II-murine Fc protein. <i>Molecular Human Reproduction</i> , 2007, 13, 675-683.	1.3	63
14	LRGUK-1 Is Required for Basal Body and Manchette Function during Spermatogenesis and Male Fertility. <i>PLoS Genetics</i> , 2015, 11, e1005090.	1.5	59
15	Reciprocal regulation of activin A and inhibin B by interleukin-1 (IL-1) and follicle-stimulating hormone (FSH) in rat Sertoli cells in vitro. <i>Journal of Endocrinology</i> , 2005, 185, 99-110.	1.2	52
16	Glioma Pathogenesis-Related 1-Like 1 Is Testis Enriched, Dynamically Modified, and Redistributed during Male Germ Cell Maturation and Has a Potential Role in Sperm-Oocyte Binding. <i>Endocrinology</i> , 2010, 151, 2331-2342.	1.4	52
17	Follistatin is a candidate endogenous negative regulator of activin A in experimental allergic asthma. <i>Clinical and Experimental Allergy</i> , 2006, 36, 941-950.	1.4	49
18	Maternal serum total activin A and follistatin in pregnancy and parturition. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2000, 107, 995-1000.	1.1	48

#	ARTICLE	IF	CITATIONS
19	Katanin-like 2 (KATNAL2) functions in multiple aspects of haploid male germ cell development in the mouse. <i>PLoS Genetics</i> , 2017, 13, e1007078.	1.5	48
20	Regulation of activin A and inhibin B secretion by inflammatory mediators in adult rat Sertoli cell cultures. <i>Journal of Endocrinology</i> , 2005, 187, 125-134.	1.2	44
21	CRISP2 Is a Regulator of Multiple Aspects of Sperm Function and Male Fertility. <i>Endocrinology</i> , 2019, 160, 915-924.	1.4	43
22	Increased activin levels in cerebrospinal fluid of rabbits with bacterial meningitis are associated with activation of microglia. <i>Journal of Neurochemistry</i> , 2004, 86, 238-245.	2.1	42
23	Regulated production of activin A and inhibin B throughout the cycle of the seminiferous epithelium in the rat. <i>Journal of Endocrinology</i> , 2006, 190, 331-340.	1.2	39
24	Female Infertility and Disrupted Angiogenesis Are Actions of Specific Follistatin Isoforms. <i>Molecular Endocrinology</i> , 2008, 22, 415-429.	3.7	38
25	Maternal serum inhibin A concentrations in early pregnancy after IVF and embryo transfer reflect the corpus luteum contribution and pregnancy outcome. <i>Human Reproduction</i> , 2000, 15, 2028-2032.	0.4	36
26	Activin A concentrations in human cerebrospinal fluid are age-dependent and elevated in meningitis. <i>Journal of the Neurological Sciences</i> , 2006, 250, 50-57.	0.3	32
27	LipidFinder: A computational workflow for discovery of lipids identifies eicosanoid-phosphoinositides in platelets. <i>JCI Insight</i> , 2017, 2, e91634.	2.3	32
28	Epididymal cysteine-rich secretory proteins are required for epididymal sperm maturation and optimal sperm function. <i>Molecular Human Reproduction</i> , 2018, 24, 111-122.	1.3	30
29	The relationship between immunosuppressive activity and immunoregulatory cytokines in seminal plasma: Influence of sperm autoimmunity and seminal leukocytes. <i>Journal of Reproductive Immunology</i> , 2006, 71, 57-74.	0.8	29
30	Activin A regulates trophoblast cell adhesive properties: implications for implantation failure in women with endometriosis-associated infertility. <i>Human Reproduction</i> , 2010, 25, 1767-1774.	0.4	29
31	Glucocorticoid-Induced Leucine Zipper (GILZ) Regulates Testicular FOXO1 Activity and Spermatogonial Stem Cell (SSC) Function. <i>PLoS ONE</i> , 2013, 8, e59149.	1.1	29
32	In vivo evidence that RBM5 is a tumour suppressor in the lung. <i>Scientific Reports</i> , 2017, 7, 16323.	1.6	29
33	Effects of age and pregnancy on the circulatory activin response of sheep to acute inflammatory challenge by lipopolysaccharide. <i>Journal of Endocrinology</i> , 2005, 185, 139-149.	1.2	28
34	LRGUK1 is part of a multiprotein complex required for manchette function and male fertility. <i>FASEB Journal</i> , 2017, 31, 1141-1152.	0.2	24
35	PLAG1 deficiency impairs spermatogenesis and sperm motility in mice. <i>Scientific Reports</i> , 2017, 7, 5317.	1.6	24
36	Concentrations of immunoactive inhibin in serum during human pregnancy: evidence for an ovarian contribution. <i>Reproduction, Fertility and Development</i> , 1991, 3, 671.	0.1	24

#	ARTICLE	IF	CITATIONS
37	Circulating Immunoreactive Inhibin, Gonadotropin, and Prolactin Levels during Pregnancy, Lactation, and Postweaning Estrous Cycle in the Rat. <i>Biology of Reproduction</i> , 1991, 44, 6-12.	1.2	21
38	GLIPR1L1 is an IZUMO-binding protein required for optimal fertilization in the mouse. <i>BMC Biology</i> , 2019, 17, 86.	1.7	20
39	A repository of ENU mutant mouse lines and their potential for male fertility research. <i>Molecular Human Reproduction</i> , 2005, 11, 871-880.	1.3	18
40	A novel protein, sperm head and tail associated protein (SHTAP), interacts with cysteineâ€rich secretory protein 2 (CRISP2) during spermatogenesis in the mouse. <i>Biology of the Cell</i> , 2010, 102, 93-106.	0.7	18
41	RABL2 Is Required for Hepatic Fatty Acid Homeostasis and Its Dysfunction Leads to Steatosis and a Diabetes-Like State. <i>Endocrinology</i> , 2016, 157, 4732-4743.	1.4	16
42	KATNB1 is a master regulator of multiple katanin enzymes in male meiosis and haploid germ cell development. <i>Development (Cambridge)</i> , 2021, 148, .	1.2	15
43	Loss of GGN Leads to Pre-Implantation Embryonic Lethality and Compromised Male Meiotic DNA Double Strand Break Repair in the Mouse. <i>PLoS ONE</i> , 2013, 8, e56955.	1.1	14
44	CRISP3 expression drives prostate cancer invasion and progression. <i>Endocrine-Related Cancer</i> , 2020, 27, 415-430.	1.6	14
45	Physiological and regulatory roles of activin A in late pregnancy. <i>Molecular and Cellular Endocrinology</i> , 2001, 180, 131-138.	1.6	13
46	The Sertoli cell expressed gene <i>secerninâ€1</i> (<i>Scrn1</i>) is dispensable for male fertility in the mouse. <i>Developmental Dynamics</i> , 2021, 250, 922-931.	0.8	12
47	Uncoupling of transcription and translation of Fanconi anemia (FANC) complex proteins during spermatogenesis. <i>Spermatogenesis</i> , 2015, 5, e979061.	0.8	11
48	An optimised STAPUT method for the purification of mouse spermatocyte and spermatid populations. <i>Molecular Human Reproduction</i> , 2019, 25, 675-683.	1.3	11
49	Optimization of the expression of recombinant human activin A in the yeast <i>Pichia pastoris</i> . <i>Biotechnology Progress</i> , 2010, 26, 372-383.	1.3	10
50	Effect of graded hypoxia on activin A, prostaglandin E2 and cortisol levels in the late-pregnant sheep. <i>Reproduction, Fertility and Development</i> , 2004, 16, 625.	0.1	10
51	Hypoxia induced activin secretion by the fetoplacental unit: differential responses related to gestation. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2004, 111, 1346-1352.	1.1	9
52	LipidFinder 2.0: advanced informatics pipeline for lipidomics discovery applications. <i>Bioinformatics</i> , 2021, 37, 1478-1479.	1.8	8
53	CRISPs Function to Boost Sperm Power Output and Motility. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 693258.	1.8	7
54	CBE1 is a manchette and mitochondria associated protein with a potential role in somatic cell proliferation. <i>Endocrinology</i> , 2019, 160, 2573-2586.	1.4	5

#	ARTICLE	IF	CITATIONS
55	Progesterone stimulates expression of follistatin splice variants Fst288 and Fst315 in the mouse uterus. <i>Reproductive BioMedicine Online</i> , 2012, 24, 364-374.	1.1	4
56	Expression and purification of recombinant mouse CRISP4 using a baculovirus system. <i>Protein Expression and Purification</i> , 2020, 167, 105543.	0.6	4
57	Programmed Cell Death 2-Like (Pcd2l) Is Required for Mouse Embryonic Development. <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 4449-4457.	0.8	2
58	HENMT1 is involved in the maintenance of normal female fertility in the mouse. <i>Molecular Human Reproduction</i> , 2021, 27, .	1.3	2
59	Zinc finger RNA binding protein 2 (ZFR2) is not required for male fertility in the mouse. <i>Developmental Biology</i> , 2022, 489, 55-55.	0.9	1
60	DDB1- and CUL4-associated factor 12-like protein 1 (Dcaf12l1) is not essential for male fertility in mice. <i>Developmental Biology</i> , 2022, 490, 66-72.	0.9	1
61	SEXUALLY DIMORPHIC FUNCTIONS OF SMAD3 IN GONADAL TUMORIGENESIS. <i>Biology of Reproduction</i> , 2007, 77, 82-82.	1.2	0
62	Abstract 155: Cysteine-rich secretory protein 3 expression leads to invasive prostate cancer by modulating cell motility. , 2019, , .		0