

Trish Berger

List of Publications by Year in descending order

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42
papers

1,789
citations

331670

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289244

40
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1118
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#	ARTICLE	IF	CITATIONS
1	Changes in testicular gene expression following reduced estradiol synthesis: A complex pathway to increased porcine Sertoli cell proliferation. <i>Molecular and Cellular Endocrinology</i> , 2021, 523, 111099.	3.2	3
2	Multifaceted epigenetic regulation of porcine testicular aromatase. <i>Molecular and Cellular Endocrinology</i> , 2021, 541, 111526.	3.2	0
3	Are testicular cortisol and WISP2 involved in estrogen-regulated Sertoli cell proliferation?. <i>Animal Reproduction Science</i> , 2019, 207, 44-51.	1.5	6
4	Tissue steroid levels in response to reduced testicular estrogen synthesis in the male pig, <i>Sus scrofa</i> . <i>PLoS ONE</i> , 2019, 14, e0215390.	2.5	8
5	Increased testicular estradiol during the neonatal interval reduces Sertoli cell numbers. <i>Animal Reproduction Science</i> , 2018, 189, 146-151.	1.5	2
6	The dynamic steroid landscape of equine pregnancy mapped by mass spectrometry. <i>Reproduction</i> , 2016, 151, 421-430.	2.6	49
7	Porcine Sertoli Cell Proliferation after Androgen Receptor Inactivation ¹ . <i>Biology of Reproduction</i> , 2015, 92, 93.	2.7	11
8	Proteomic Characterization of Pig Sperm Anterior Head Plasma Membrane Reveals Roles of Acrosomal Proteins in ZP3 Binding. <i>Journal of Cellular Physiology</i> , 2015, 230, 449-463.	4.1	32
9	Remodeling of the plasma membrane in preparation for sperm-egg recognition: roles of acrosomal proteins. <i>Asian Journal of Andrology</i> , 2015, 17, 574.	1.6	22
10	Reduced Endogenous Estrogen and Hemicastration Interact Synergistically to Increase Porcine Sertoli Cell Proliferation ¹ . <i>Biology of Reproduction</i> , 2014, 90, 114.	2.7	15
11	Reducing endogenous estrogen during prepuberal life does not affect boar libido or sperm fertilizing potential. <i>Theriogenology</i> , 2014, 82, 627-635.	2.1	12
12	Increased testicular Sertoli cell population induced by an estrogen receptor antagonist. <i>Molecular and Cellular Endocrinology</i> , 2013, 366, 53-58.	3.2	30
13	Stimulation of Sertoli cell proliferation: defining the response interval to an inhibitor of estrogen synthesis in the boar. <i>Reproduction</i> , 2012, 143, 523-529.	2.6	24
14	Role for endogenous estrogen in prepubertal Sertoli cell maturation. <i>Animal Reproduction Science</i> , 2012, 135, 106-112.	1.5	18
15	Reducing endogenous estrogens during the neonatal and juvenile periods affects reproductive tract development and sperm production in postpuberal boars. <i>Animal Reproduction Science</i> , 2008, 109, 218-235.	1.5	30
16	Presence of Arylsulfatase A and Sulfogalactosylglycerolipid in Mouse Ovaries: Localization to the Corpus Luteum. <i>Endocrinology</i> , 2008, 149, 3942-3951.	2.8	10
17	Reduced endogenous estrogen delays epididymal development but has no effect on efferent duct morphology in boars. <i>Reproduction</i> , 2007, 134, 593-604.	2.6	20
18	Ontogeny of androgen and estrogen receptor expression in porcine testis: Effect of reducing testicular estrogen synthesis. <i>Animal Reproduction Science</i> , 2007, 102, 286-299.	1.5	34

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19	Reducing Estrogen Synthesis in Developing Boars Increases Testis Size and Total Sperm Production. <i>Journal of Andrology</i> , 2006, 27, 552-559.	2.0	41
20	Sperm capacitation induces an increase in lipid rafts having zona pellucida binding ability and containing sulfogalactosylglycerolipid. <i>Developmental Biology</i> , 2006, 290, 220-235.	2.0	101
21	Suppression of endogenous estrogen during development affects porcine epididymal sperm maturation. <i>Molecular Reproduction and Development</i> , 2006, 73, 1122-1128.	2.0	10
22	Localization of the Rho GTPases and some Rho effector proteins in the sperm of several mammalian species. <i>Zygote</i> , 2006, 14, 249-257.	1.1	39
23	Arylsulfatase A Is Present on the Pig Sperm Surface and Is Involved in Spermâ€™Zona Pellucida Binding. <i>Developmental Biology</i> , 2002, 247, 182-196.	2.0	60
24	Identification of homologous binding proteins in porcine and bovine gametes. , 2000, 55, 446-451.		3
25	Male Effects on Reproductive Performance. <i>Journal of Animal Science</i> , 1998, 76, 47.	0.5	8
26	Fertilization in ungulates. <i>Animal Reproduction Science</i> , 1996, 42, 351-360.	1.5	8
27	Porcine sperm fertilizing potential in relationship to sperm functional capacities. <i>Animal Reproduction Science</i> , 1996, 44, 231-239.	1.5	40
28	Identification of porcine sperm plasma membrane proteins that may play a role in spermâ€™egg fusion. <i>Zygote</i> , 1995, 3, 163-170.	1.1	9
29	Comparison of the ability of progesterone and heat solubilized porcine zona pellucida to initiate the porcine sperm acrosome reaction in vitro. <i>Molecular Reproduction and Development</i> , 1994, 39, 433-438.	2.0	85
30	Cold shock damage is due to lipid phase transitions in cell membranes: A demonstration using sperm as a model. <i>The Journal of Experimental Zoology</i> , 1993, 265, 432-437.	1.4	445
31	Changes in exposed membrane proteins during in vitro capacitation of boar sperm. <i>Molecular Reproduction and Development</i> , 1990, 27, 249-253.	2.0	14
32	Inhibition of Sperm Motility by Bovine Serum Components1. <i>Biology of Reproduction</i> , 1990, 42, 545-551.	2.7	9
33	<i>Pisum sativum</i> agglutinin used as an acrosomal stain of porcine and caprine sperm. <i>Theriogenology</i> , 1990, 33, 689-695.	2.1	26
34	Zona Pellucida-Induced Acrosome Reaction in Boar Sperm1. <i>Biology of Reproduction</i> , 1989, 40, 525-530.	2.7	85
35	Modification of the zona-free hamster ova bioassay of boar sperm fertility and correlation with in vivo fertility. <i>Gamete Research</i> , 1989, 22, 385-397.	1.7	52
36	Development of a zona-free hamster ova bioassay for goat sperm. <i>Theriogenology</i> , 1989, 32, 69-77.	2.1	5

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37	Evaluation of assay conditions for the zona-free hamster ova bioassay of boar sperm fertility. Gamete Research, 1988, 19, 101-111.	1.7	66
38	Seminal prolactin concentration and sperm reproductive capacity**Presented in part at the Thirty-First Annual Meeting of the Pacific Coast Fertility Society, October 12 to 16, 1983, Rancho Mirage, California.. Fertility and Sterility, 1985, 43, 632-635.	1.0	15
39	Comparison of techniques for selection of motile spermatozoa. Fertility and Sterility, 1985, 43, 268-273.	1.0	221
40	Correlation of semen transferrin concentration and sperm fertilizing capacity. American Journal of Obstetrics and Gynecology, 1984, 150, 528-531.	1.3	22
41	Clinical applications of techniques used in human in vitro fertilization research. American Journal of Obstetrics and Gynecology, 1983, 146, 477-481.	1.3	62
42	Factors affecting human sperm penetration of zona-free hamster ova. American Journal of Obstetrics and Gynecology, 1983, 145, 397-401.	1.3	37