Ali Honaramooz

List of Publications by Year
in descending order

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Version: 2024-02-01

58 papers	2,831 citations	257101 24 h-index	174990 52 g-index
58 all docs	58 docs citations	58 times ranked	1303 citing authors

#	Article	IF	Citations
1	Sperm from neonatal mammalian testes grafted in mice. Nature, 2002, 418, 778-781.	13.7	427
2	Germ Cell Transplantation in Pigs1. Biology of Reproduction, 2002, 66, 21-28.	1.2	250
3	Progeny from Sperm Obtained after Ectopic Grafting of Neonatal Mouse Testes1. Biology of Reproduction, 2003, 68, 2331-2335.	1.2	237
4	Fertility and Germline Transmission of Donor Haplotype Following Germ Cell Transplantation in Immunocompetent Goats. Biology of Reproduction, 2003, 69, 1260-1264.	1.2	225
5	Accelerated Maturation of Primate Testis by Xenografting into Mice1. Biology of Reproduction, 2004, 70, 1500-1503.	1.2	215
6	Germ cell transplantation in goats. Molecular Reproduction and Development, 2003, 64, 422-428.	1.0	177
7	A Game of Cat and Mouse: Xenografting of Testis Tissue From Domestic Kittens Results in Complete Cat Spermatogenesis in a Mouse Host. Journal of Andrology, 2004, 25, 926-930.	2.0	118
8	Building a Testis: Formation of Functional Testis Tissue after Transplantation of Isolated Porcine (Sus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.2	95
9	Germ cell fate and seminiferous tubule development in bovine testis xenografts. Reproduction, 2005, 130, 923-929.	1.1	79
10	Xenografting of sheep testis tissue and isolated cells as a model for preservation of genetic material from endangered ungulates. Reproduction, 2008, 136, 85-93.	1.1	79
11	Depletion of Endogenous Germ Cells in Male Pigs and Goats in Preparation for Germ Cell Transplantation. Journal of Andrology, 2005, 26, 698-705.	2.0	76
12	Adenoâ€associated virus (AAV)â€mediated transduction of male germ line stem cells results in transgene transmission after germ cell transplantation. FASEB Journal, 2008, 22, 374-382.	0.2	74
13	Xenografting of adult mammalian testis tissue. Animal Reproduction Science, 2008, 106, 65-76.	0.5	64
14	Spermatogonial Stem Cells for In Vitro Spermatogenesis and In Vivo Restoration of Fertility. Cells, 2020, 9, 745.	1.8	62
15	Viral Transduction of Male Germline Stem Cells Results in Transgene Transmission after Germ Cell Transplantation in Pigs1. Biology of Reproduction, 2013, 88, 27.	1.2	60
16	Recent Advances in Application of Male Germ Cell Transplantation in Farm Animals. Veterinary Medicine International, 2011, 2011, 1-9.	0.6	44
17	Ultrasonographic evaluation of the pre-pubertal development of the reproductive tract in beef heifers. Animal Reproduction Science, 2004, 80, 15-29.	0.5	41
18	Porcine embryos produced after intracytoplasmic sperm injection using xenogeneic pig sperm from neonatal testis tissue grafted in mice. Reproduction, Fertility and Development, 2008, 20, 802.	0.1	37

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19	Lymphoid-Specific Helicase (HELLS) Is Essential for Meiotic Progression in Mouse Spermatocytes1. Biology of Reproduction, 2011, 84, 1235-1241.	1.2	36
20	Low-dose phase-based X-ray imaging techniques for in situ soft tissue engineering assessments. Biomaterials, 2016, 82, 151-167.	5.7	34
21	Traditional Invasive and Synchrotron-Based Noninvasive Assessments of Three-Dimensional-Printed Hybrid Cartilage Constructs In Situ. Tissue Engineering - Part C: Methods, 2017, 23, 156-168.	1.1	33
22	Effects of novel brominated flame retardants on steroidogenesis in primary porcine testicular cells. Toxicology Letters, 2014, 224, 141-146.	0.4	32
23	Development of novel strategies for the isolation of piglet testis cells with a high proportion of gonocytes. Reproduction, Fertility and Development, 2010, 22, 1057.	0.1	31
24	The effects of tissue sample size and media on short-term hypothermic preservation of porcine testis tissue. Cell and Tissue Research, 2010, 340, 397-406.	1.5	25
25	The study and manipulation of spermatogonial stem cells using animal models. Cell and Tissue Research, 2020, 380, 393-414.	1.5	23
26	Efficient purification of neonatal porcine gonocytes with Nycodenz and differential plating. Reproduction, Fertility and Development, 2011, 23, 496.	0.1	21
27	Generation of a Highly Biomimetic Organoid, Including Vasculature, Resembling the Native Immature Testis Tissue. Cells, 2021, 10, 1696.	1.8	21
28	Effects of medium and hypothermic temperatures on preservation of isolated porcine testis cells. Reproduction, Fertility and Development, 2010, 22, 523.	0.1	19
29	Xenografting of testis tissue from bison calf donors into recipient mice as a strategy for salvaging genetic material. Theriogenology, 2011, 76, 607-614.	0.9	17
30	Effects of recipient mouse strain, sex and gonadal status on the outcome of testis tissue xenografting. Reproduction, Fertility and Development, 2010, 22, 1279.	0.1	15
31	Characterization and Quenching of Autofluorescence in Piglet Testis Tissue and Cells. Anatomy Research International, 2012, 2012, 1-10.	1.1	14
32	Optimization of culture conditions for short-term maintenance, proliferation, and colony formation of porcine gonocytes. Journal of Animal Science and Biotechnology, 2018, 9, 8.	2.1	14
33	Feasibility of salvaging genetic potential of post-mortem fawns: Production of sperm in testis tissue xenografts from immature donor white-tailed deer (Odocoileus virginianus) in recipient mice. Animal Reproduction Science, 2012, 135, 47-52.	0.5	13
34	Current progress, challenges, and future prospects of testis organoidsâ€. Biology of Reproduction, 2021, 104, 942-961.	1.2	11
35	InÂvitro production of haploid germ cells from murine spermatogonial stem cells using a two-dimensional cell culture system. Theriogenology, 2021, 162, 84-94.	0.9	11
36	Homing and Engraftment of Intravenously Administered Equine Cord Blood-Derived Multipotent Mesenchymal Stromal Cells to Surgically Created Cutaneous Wound in Horses: A Pilot Project. Cells, 2020, 9, 1162.	1.8	10

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37	Regeneration of testis tissue after ectopic implantation of porcine testis cell aggregates in mice: improved consistency of outcomes and in situ monitoring. Reproduction, Fertility and Development, 2020, 32, 594.	0.1	10
38	Validation of ultrasound biomicroscopy for the assessment of xenogeneic testis tissue grafts and cell implants in recipient mice. Andrology, 2020, 8, 1332-1346.	1.9	9
39	Effects of novel brominated flame retardants on steroidogenesis in primary porcine testicular cells. Toxicology Letters, 2014, 224, 141-6.	0.4	8
40	Excitatory Amino Acid Regulation of Gonadotropin Secretion in Prepubertal Heifer Calves1. Biology of Reproduction, 1998, 59, 1124-1130.	1.2	7
41	The Effects of Elk Velvet Antler Dietary Supplementation on Physical Growth and Bone Development in Growing Rats. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-10.	0.5	7
42	Cryopreservation of Testicular Tissue. , 2012, , .		6
43	Macroscopic, Histologic, and Immunomodulatory Response of Limb Wounds Following Intravenous Allogeneic Cord Blood-Derived Multipotent Mesenchymal Stromal Cell Therapy in Horses. Cells, 2021, 10, 2972.	1.8	6
44	The Number of Grafted Fragments Affects the Outcome of Testis Tissue Xenografting from Piglets into Recipient Mice. Veterinary Medicine International, 2011, 2011, 1-7.	0.6	5
45	Long-Term Monitoring of Donor Xenogeneic Testis Tissue Grafts and Cell Implants in Recipient Mice Using Ultrasound Biomicroscopy. Ultrasound in Medicine and Biology, 2020, 46, 3088-3103.	0.7	5
46	Intra-ovarian injection of bone marrow-derived c-Kit⁺ cells for ovarian rejuvenation in menopausal rats. BioImpacts, 2021, , .	0.7	5
47	Live-cell imaging and ultrastructural analysis reveal remarkable features of cultured porcine gonocytes. Cell and Tissue Research, 2020, 381, 361-377.	1.5	4
48	Testicular Changes of Honey Bee Drones,Apis mellifera(Hymenoptera: Apidae), During Sexual Maturation. Journal of Insect Science, 2021, 21, .	0.6	4
49	Culture supplementation of bFGF, GDNF, and LIF alters in vitro proliferation, colony formation, and pluripotency of neonatal porcine germ cells. Cell and Tissue Research, 2022, 388, 195-210.	1.5	4
50	Identification of mRNA of the Inflammation-associated Proteins CXCL8, CXCR2, CXCL10, CXCR3, and Î²-Arrestin-2 in Equine Wounded Cutaneous Tissue: a Preliminary Study. Journal of Equine Veterinary Science, 2018, 68, 51-54.	0.4	3
51	Salvaging Genetic Material from Endangered Species: Xenografting of Testis Tissue from Immature Bison and Deer Donors into Recipient Mice Results in Complete Spermatogenesis.. Biology of Reproduction, 2011, 85, 174-174.	1.2	2
52	Data of low-dose phase-based X-ray imaging for in situ soft tissue engineering assessments. Data in Brief, 2016, 6, 644-651.	0.5	1
53	Germ cell transplantation in goats. , 2003, 64, 422.		1
54	Potential and challenges of testis tissue xenografting from diverse ruminant species. Bioscientifica Proceedings, 0, , .	1.0	1

#	Article	IF	Citations
55	Brief exposure of neonatal testis cells to EGF or GDNF alters the regenerated tissue. Reproduction and Fertility, 2022, 3, 39-56.	0.6	1
56	Culture media and supplements affect proliferation, colony-formation, and potency of porcine male germ cells. Theriogenology, 2022, , .	0.9	1
57	Using a testis regeneration model, FGF9, LIF, and SCF improve testis cord formation while RA enhances gonocyte survival. Cell and Tissue Research, 2022, 389, 351-370.	1.5	1
58	Neonatal Porcine Germ Cells Dedifferentiate and Display Osteogenic and Pluripotency Properties. Cells, 2021, 10, 2816.	1.8	0