

Sezen Arat

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

592
citations

759190

12
h-index

610883

24
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34
all docs

34
docs citations

34
times ranked

591
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced Survivability of Cloned Calves Derived from Roscovitine-Treated Adult Somatic Cells. <i>Biology of Reproduction</i> , 2002, 66, 895-900.	2.7	137
2	In Vitro Development of Bovine Nuclear Transfer Embryos from Transgenic Clonal Lines of Adult and Fetal Fibroblast Cells of the Same Genotype. <i>Biology of Reproduction</i> , 2002, 66, 1768-1774.	2.7	82
3	Production of transgenic bovine embryos by transfer of transfected granulosa cells into enucleated oocytes. <i>Molecular Reproduction and Development</i> , 2001, 60, 20-26.	2.0	60
4	Gene expression profiles of vitrified in vitro and in vivo derived bovine blastocysts. <i>Molecular Reproduction and Development</i> , 2012, 79, 613-625.	2.0	43
5	Cryopreservation of cartilage cell and tissue for biobanking. <i>Cryobiology</i> , 2011, 63, 292-297.	0.7	30
6	Gene expression and in vitro development of inter-species nuclear transfer embryos. <i>Molecular Reproduction and Development</i> , 2003, 66, 334-342.	2.0	29
7	Development of porcine embryos reconstituted with somatic cells and enucleated metaphase I and II oocytes matured in a protein-free medium. <i>BMC Developmental Biology</i> , 2001, 1, 12.	2.1	25
8	Using cell banks as a tool in conservation programmes of native domestic breeds: the production of the first cloned Anatolian Grey cattle. <i>Reproduction, Fertility and Development</i> , 2011, 23, 1012.	0.4	24
9	LIF-immobilized nonwoven polyester fabrics for cultivation of murine embryonic stem cells. <i>Journal of Biomedical Materials Research - Part A</i> , 2007, 81A, 911-919.	4.0	23
10	Derivation, characterization and expansion of fetal chondrocytes on different microcarriers. <i>Cytotechnology</i> , 2011, 63, 633-643.	1.6	22
11	Effect of growth factors on oocyte maturation and allocations of inner cell mass and trophectoderm cells of cloned bovine embryos. <i>Zygote</i> , 2016, 24, 554-562.	1.1	19
12	Stable transmission and transcription of newfoundland ocean pout type III fish antifreeze protein (AFP) gene in transgenic mice and hypothermic storage of transgenic ovary and testis. <i>Molecular Reproduction and Development</i> , 2006, 73, 1404-1411.	2.0	17
13	Stable transmission and expression of the hepatitis B virus total genome in hybrid transgenic mice until F10 generation. <i>Journal of Experimental Zoology Part A, Comparative Experimental Biology</i> , 2006, 305A, 420-427.	1.3	12
14	Expression of Biologically Active Human Interferon Gamma in the Milk of Transgenic Mice Under the Control of the Murine Whey Acidic Protein Gene Promoter. <i>Biochemical Genetics</i> , 2011, 49, 251-257.	1.7	11
15	Tissue cryobanking for conservation programs: effect of tissue type and storage time after death. <i>Cell and Tissue Banking</i> , 2013, 14, 1-10.	1.1	11
16	Comparison of Different Cryopreservation Techniques: Higher Survival and Implantation Rate of Frozen-Thawed Mouse Pronuclear Embryos in the Presence of Beta-Mercaptoethanol in Post-Thaw Culture. <i>Reproduction in Domestic Animals</i> , 2010, 45, e332-7.	1.4	9
17	High microsatellite and mitochondrial diversity in Anatolian native horse breeds shows Anatolia as a genetic conduit between Europe and Asia. <i>Animal Genetics</i> , 2012, 43, 401-409.	1.7	8
18	Genetic Characterization of Native Donkey (<i>Equus asinus</i>) Populations of Turkey Using Microsatellite Markers. <i>Animals</i> , 2020, 10, 1093.	2.3	8

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19	The value of frozen cartilage tissues without cryoprotection for genetic conservation. <i>Cryobiology</i> , 2014, 68, 65-70.	0.7	6
20	Comparison of the development of mouse embryos manipulated with different biopsy techniques. <i>Turkish Journal of Veterinary and Animal Sciences</i> , 2016, 40, 157-162.	0.5	5
21	Phylogenetic Relationships of Turkish Indigenous Donkey Populations Determined by Mitochondrial DNA D-loop Region. <i>Animals</i> , 2020, 10, 1970.	2.3	4
22	Production of Cloned Calves Using Roscovitine-Treated Adult Somatic Cells as Donors. <i>Methods in Molecular Biology</i> , 2006, 348, 125-134.	0.9	3
23	Cloning of anatolian grey cows. <i>Journal of Biotechnology</i> , 2010, 150, 2-2.	3.8	1
24	Comparing SSV and OPS vitrification techniques and different solutions on cryopreservation of mouse blastocysts. <i>Current Opinion in Biotechnology</i> , 2011, 22, S52.	6.6	0
25	Gene expression profiling of in vitro-derived and in vivo-derived bovine blastocysts using microarray analysis. <i>Current Opinion in Biotechnology</i> , 2011, 22, S53-S54.	6.6	0
26	Synchronization of fresh and frozen granulosa cells obtained from water buffalo and bovine. <i>Journal of Biotechnology</i> , 2016, 231, S43.	3.8	0