

Äiler Äelik Ä-zenci

List of Publications by Year
in descending order

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110
papers

2,464
citations

236925
25
h-index

214800
47
g-index

112
all docs

112
docs citations

112
times ranked

2865
citing authors

#	ARTICLE	IF	CITATIONS
1	Hyaluronic acid binding by human sperm indicates cellular maturity, viability, and unreacted acrosomal status. <i>Fertility and Sterility</i> , 2003, 79, 1616-1624.	1.0	248
2	Fertility testing and ICSI sperm selection by hyaluronic acid binding: clinical and genetic aspects. <i>Reproductive BioMedicine Online</i> , 2007, 14, 650-663.	2.4	205
3	Sequential Expression of VEGF and its Receptors in Human Placental Villi During Very Early Pregnancy: Differences Between Placental Vasculogenesis and Angiogenesis. <i>Placenta</i> , 2004, 25, 560-572.	1.5	177
4	Biochemical markers of sperm function: male fertility and sperm selection for ICSI. <i>Reproductive BioMedicine Online</i> , 2003, 7, 462-468.	2.4	128
5	Sperm selection for ICSI: shape properties do not predict the absence or presence of numerical chromosomal aberrations. <i>Human Reproduction</i> , 2004, 19, 2052-2059.	0.9	119
6	Hyaluronic acid binding ability of human sperm reflects cellular maturity and fertilizing potential: selection of sperm for intracytoplasmic sperm injection. <i>Current Opinion in Obstetrics and Gynecology</i> , 2006, 18, 260-267.	2.0	105
7	Shear stress activation of nitric oxide synthase and increased nitric oxide levels in human red blood cells. <i>Nitric Oxide - Biology and Chemistry</i> , 2011, 24, 184-191.	2.7	74
8	Structural Differentiation of Human Uterine Luminal and Glandular Epithelium during Early Pregnancy: An Ultrastructural and Immunohistochemical Study. <i>Placenta</i> , 2002, 23, 672-684.	1.5	70
9	Location of cell cycle regulators cyclin B1, cyclin A, PCNA, Ki67 and cell cycle inhibitors p21, p27 and p57 in human first trimester placenta and deciduas. <i>Histochemistry and Cell Biology</i> , 2006, 125, 615-624.	1.7	69
10	Mechanical stimulation of nitric oxide synthesizing mechanisms in erythrocytes. <i>Biorheology</i> , 2009, 46, 121-132.	0.4	69
11	Localization of vascular endothelial growth factor in the zona pellucida of developing ovarian follicles in the rat: a possible role in destiny of follicles. <i>Histochemistry and Cell Biology</i> , 2003, 120, 383-390.	1.7	56
12	The immunohistochemical localization of notch receptors and ligands in human articular cartilage, chondroprogenitor culture and ultrastructural characteristics of these progenitor cells. <i>Acta Histochemica</i> , 2008, 110, 397-407.	1.8	53
13	The Distribution of Angiopoietin-1, Angiopoietin-2 and Their Receptors Tie-1 and Tie-2 in the Very Early Human Placenta. <i>Placenta</i> , 2008, 29, 809-815.	1.5	51
14	Human Sperm Maintain Their Shape Following Decondensation and Denaturation for Fluorescent In Situ Hybridization: Shape Analysis and Objective Morphometry. <i>Biology of Reproduction</i> , 2003, 69, 1347-1355.	2.7	44
15	Effects of abamectin exposure on male fertility in rats: Potential role of oxidative stress-mediated poly(ADP-ribose) polymerase (PARP) activation. <i>Regulatory Toxicology and Pharmacology</i> , 2011, 61, 310-317.	2.7	44
16	Cardioprotective effect of nesfatin-1 against isoproterenol-induced myocardial infarction in rats: Role of the Akt/GSK-3 β pathway. <i>Peptides</i> , 2017, 95, 1-9.	2.4	43
17	Increased expression of interleukin-1 α and interleukin-1 β is associated with experimental varicocele. <i>Fertility and Sterility</i> , 2006, 85, 1265-1275.	1.0	38
18	Immunolocalizations of VEGF, its receptors flt-1, KDR and TGF-beta's in epithelial ovarian tumors. <i>Histology and Histopathology</i> , 2006, 21, 1055-64.	0.7	37

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19	FOXO1, FOXO3, AND FOXO4 are differently expressed during mouse oocyte maturation and preimplantation embryo development. <i>Gene Expression Patterns</i> , 2015, 18, 16-20.	0.8	35
20	Effect of abamectin exposure on semen parameters indicative of reduced sperm maturity: a study on farmworkers in Antalya (Turkey). <i>Andrologia</i> , 2012, 44, 388-395.	2.1	34
21	Effect of experimental varicocele on the expressions of notch 1, 2, and 3 in rat testes: An immunohistochemical study. <i>Fertility and Sterility</i> , 2005, 83, 86-94.	1.0	33
22	Ezrin is an Actin Binding Protein That Regulates Sertoli Cell and Spermatid Adhesion During Spermatogenesis. <i>Endocrinology</i> , 2014, 155, 3981-3995.	2.8	32
23	Expression of Mammalian Target of Rapamycin and Downstream Targets in Normal and Gestational Diabetic Human Term Placenta. <i>Reproductive Sciences</i> , 2016, 23, 324-332.	2.5	30
24	Do glucose transporters have other roles in addition to placental glucose transport during early pregnancy?. <i>Histochemistry and Cell Biology</i> , 2005, 123, 621-629.	1.7	28
25	Role of the poly(ADP-ribose)polymerase activity in vancomycin-induced renal injury. <i>Toxicology Letters</i> , 2010, 192, 91-96.	0.8	26
26	Role of poly(ADP-ribose) polymerases in male reproduction. <i>Spermatogenesis</i> , 2013, 3, e24194.	0.8	26
27	Sodium metabisulfite induces lipid peroxidation and apoptosis in rat gastric tissue. <i>Toxicology and Industrial Health</i> , 2010, 26, 425-431.	1.4	25
28	Semen Characteristics After Overnight Shipping: Preservation of Sperm Concentrations, HspA2 Ratios, CK Activity, Cytoplasmic Retention, Chromatin Maturity, DNA Integrity, and Sperm Shape. <i>Journal of Andrology</i> , 2004, 25, 593-604.	2.0	22
29	Dimensional assessment of X-bearing and Y-bearing haploid and disomic human sperm with the use of fluorescence in situ hybridization and objective morphometry. <i>Fertility and Sterility</i> , 2006, 85, 121-127.	1.0	22
30	The Fas system may have a role in male reproduction. <i>Fertility and Sterility</i> , 2006, 85, 1168-1178.	1.0	22
31	Ghrelin inhibits sodium metabisulfite induced oxidative stress and apoptosis in rat gastric mucosa. <i>Food and Chemical Toxicology</i> , 2013, 56, 154-161.	3.6	22
32	Fascin 1 is an actin filament-bundling protein that regulates ectoplasmic specialization dynamics in the rat testis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 307, E738-E753.	3.5	22
33	Role of TNF-related apoptosis-inducing ligand (TRAIL) in the pathogenesis of varicocele-induced testicular dysfunction. <i>Asian Journal of Andrology</i> , 2013, 15, 269-274.	1.6	20
34	New insights into FAK function and regulation during spermatogenesis. <i>Histology and Histopathology</i> , 2014, 29, 977-89.	0.7	20
35	Inhibition of mammalian target of rapamycin signaling pathway decreases retinoic acid stimulated gene 8 expression in adult mouse testis. <i>Fertility and Sterility</i> , 2014, 102, 1482-1490.e3.	1.0	18
36	Potential Role of Poly(ADP-Ribose) Polymerase (PARP) Activation in Methotrexate-Induced Nephrotoxicity and Tubular Apoptosis. <i>International Journal of Toxicology</i> , 2012, 31, 430-440.	1.2	17

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37	Pravastatin improves the impaired nitric oxide-mediated neurogenic and endothelium-dependent relaxation of corpus cavernosum in aged rats. <i>Aging Male</i> , 2014, 17, 259-266.	1.9	17
38	Spatiotemporal expression and regulation of FoxO1 in mouse uterus during peri-implantation period. <i>PLoS ONE</i> , 2019, 14, e0216814.	2.5	17
39	Live birth after Laser Assisted Viability Assessment (LAVA) to detect pentoxifylline resistant ejaculated immotile spermatozoa during ICSI in a couple with male Kartagener's syndrome. <i>Reproductive Biology and Endocrinology</i> , 2018, 16, 10.	3.3	16
40	FoxO transcription factors 1 regulate mouse preimplantation embryo development. <i>Journal of Assisted Reproduction and Genetics</i> , 2019, 36, 2121-2133.	2.5	16
41	Ezrin: a regulator of actin microfilaments in cell junctions of the rat testis. <i>Asian Journal of Andrology</i> , 2015, 17, 653.	1.6	16
42	Antioxidants Induce Apoptosis of Rat Ovarian Theca-Interstitial Cells1. <i>Biology of Reproduction</i> , 2011, 84, 162-166.	2.7	14
43	Expression of inhibitor proteins that control primordial follicle reserve decreases in cryopreserved ovaries after autotransplantation. <i>Journal of Assisted Reproduction and Genetics</i> , 2018, 35, 615-626.	2.5	14
44	Altered expression of activator proteins that control follicle reserve after ovarian tissue cryopreservation/transplantation and primordial follicle loss prevention by rapamycin. <i>Journal of Assisted Reproduction and Genetics</i> , 2020, 37, 2119-2136.	2.5	14
45	Expressions of VEGF and its receptors in rat corpus luteum during interferon alpha administration in early and pseudopregnancy. <i>Molecular Reproduction and Development</i> , 2004, 67, 414-423.	2.0	13
46	OUP accepted manuscript. <i>Human Reproduction Update</i> , 2021, 27, 570-583.	10.8	13
47	Immunohistochemical distribution patterns of collagen type II, chondroitin 4-sulfate, laminin and fibronectin in human nasal septal cartilage. <i>Acta Histochemica</i> , 2003, 105, 109-114.	1.8	12
48	Potential Role of Poly(ADP-Ribose) Polymerase Activation in the Pathogenesis of Experimental Left Varicocele. <i>Journal of Andrology</i> , 2012, 33, 122-132.	2.0	12
49	Chronic treatment with taurine ameliorates diabetes-induced dysfunction of nitric oxide-mediated neurogenic and endothelium-dependent corpus cavernosum relaxation in rats. <i>Fundamental and Clinical Pharmacology</i> , 2014, 28, 394-404.	1.9	12
50	Inhibition of mTOR pathway decreases the expression of pre-meiotic and meiotic markers throughout postnatal development and in adult testes in mice. <i>Andrologia</i> , 2018, 50, e12811.	2.1	12
51	Distribution patterns of leucocyte subpopulations expressing different cell markers in the cumulus - oocyte complexes of pregnant and pseudopregnant mice. <i>Reproduction, Fertility and Development</i> , 2003, 15, 389.	0.4	10
52	Ultrastructural and immunohistochemical analysis of rat uroepithelial cell junctions after partial bladder outlet obstruction and selective COX-2 inhibitor treatment. <i>Acta Histochemica</i> , 2006, 107, 443-451.	1.8	10
53	Histopathologic evaluation of pulpal tissue response to various adhesive cleanup techniques. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2010, 138, 12.e1-12.e7.	1.7	10
54	Distribution patterns of PCNA and ANP in perinatal stages of the developing rat heart. <i>Acta Histochemica</i> , 2002, 104, 271-277.	1.8	9

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55	Presence and subcellular localizations of surfactant proteins A and D in human spermatozoa. <i>Fertility and Sterility</i> , 2008, 90, 1904-1909.	1.0	9
56	Aldosterone-induced endothelial dysfunction of rat aorta: role of poly(ADP-ribose) activation. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2009, 10, 127-137.	1.7	9
57	Determination of PCNA, cyclin D3, p27, p57 and apoptosis rate in normal and dexamethasone-induced intrauterine growth restricted rat placentas. <i>Acta Histochemica</i> , 2015, 117, 137-147.	1.8	9
58	Doxorubicin-induced testicular damage is related to PARP-1 signaling molecules in mice. <i>Pharmacological Reports</i> , 2019, 71, 591-602.	3.3	9
59	Localization of NGF and nNOS in varicocele-induced rat testis. <i>Acta Histochemica</i> , 2006, 107, 435-442.	1.8	8
60	Zoledronic acid is synergic with vinblastine to induce apoptosis in a multidrug resistance protein-1 dependent way: An in vitro study. <i>Cell Biology International</i> , 2006, 30, 278-282.	3.0	8
61	The determination of apoptosis rates on articular cartilages of ovariectomized rats with and without alendronate treatment. <i>Histology and Histopathology</i> , 2016, 31, 635-45.	0.7	8
62	Expression of CCM2 and CCM3 during mouse gonadogenesis. <i>Journal of Assisted Reproduction and Genetics</i> , 2015, 32, 1497-1507.	2.5	7
63	Effect of erythrocyte-sperm separation medium on nuclear, acrosomal, and membrane maturity parameters in human sperm. <i>Journal of Assisted Reproduction and Genetics</i> , 2018, 35, 491-501.	2.5	7
64	Resveratrol Prevented Lipopolysaccharide-Induced Endothelial Dysfunction in Rat Thoracic Aorta Through Increased eNOS Expression. <i>Balkan Medical Journal</i> , 2016, 33, 138-143.	0.8	7
65	The restorative effect of a selective cyclooxygenase-2 inhibitor on urothelial cell-cell interactions after partial bladder outlet obstruction in rats. <i>BJU International</i> , 2005, 95, 664-669.	2.5	6
66	Editor's Comment and Q&A. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2010, 138, 12-13.	1.7	6
67	Protective effect of exendin-4 treatment on erectile dysfunction induced by chronic methylglyoxal administration in rats. <i>Peptides</i> , 2018, 106, 1-8.	2.4	6
68	PFA is superior to glyoxal in preserving oocyte, embryo, and stem cell proteins evidenced by super-resolution microscopical surveys of epitopes. <i>Journal of Assisted Reproduction and Genetics</i> , 2020, 37, 369-384.	2.5	6
69	Report of a new case with loose anagen hair syndrome and scanning electron microscopy findings. <i>International Journal of Dermatology</i> , 2008, 47, 936-938.	1.0	5
70	Presence of the brain proteins cerebral cavernous malformation-2 and cerebral cavernous malformation-3 in rat testes and their potential role in experimental varicocele. <i>Fertility and Sterility</i> , 2010, 93, 2716-2722.	1.0	5
71	Differential expression of mTOR signaling pathway proteins in lichen planopilaris and frontal fibrosing alopecia. <i>Acta Histochemica</i> , 2018, 120, 837-845.	1.8	5
72	Poly(ADP-ribose) polymerase inhibition improves endothelin-1-induced endothelial dysfunction in rat thoracic aorta. <i>Uppsala Journal of Medical Sciences</i> , 2014, 119, 215-222.	0.9	4

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73	Inhibition of poly(ADP-ribose) polymerase may have preventive potential for varicocele-associated testicular damage in rats. <i>Andrology</i> , 2017, 5, 362-369.	3.5	3
74	The expression pattern of PARP-1 and PARP-2 in the developing and adult mouse testis. <i>Acta Histochemica</i> , 2014, 116, 958-964.	1.8	2
75	Role of Sperm-Hyaluronic Acid Binding in the Evaluation and Treatment of Subfertile Men with ROS-Affected Semen. , 2020, , 695-706.		2
76	PP227”Chronic treatment with pravastatin improves the impaired nitric oxide –mediated neurogenic and endothelium-dependent relaxation of corpus cavernosum in aged rats. <i>Clinical Therapeutics</i> , 2013, 35, e90.	2.5	1
77	Effect of erythrocyte-sperm separation medium treatment on sperm motility, viability, morphology, acrosome reaction, hyaluronic acid binding, chromatin condensation, and DNA fragmentation. <i>Fertility and Sterility</i> , 2013, 100, S449-S450.	1.0	1
78	Expression and localization of FoxO4 in normal term and gestational diabetic placentas. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2016, 206, e104.	1.1	1
79	Deleterious reproductive effects of nilotinib in mouse model. <i>Reproduction</i> , 2021, 161, 295-306.	2.6	1
80	Akdeniz University's Process of Becoming a Research-Oriented University: Institutional Structuring, Goals, Activities and Outcomes. <i>Yksekretim Dergisi</i> , 2021, 11, 174-184.	0.3	1
81	#ESHREjc report: are fallopian tubes the unsung hero of reproduction?. <i>Human Reproduction</i> , 2021, 36, 1728-1729.	0.9	1
82	Localization of vascular endothelial growth factor in the zona pellucida of developing ovarian follicles in the rat might be an indicator of the dominant follicle selection. <i>Fertility and Sterility</i> , 2002, 78, S270-S271.	1.0	0
83	Cryopreservation/thawing and function of human sperm: sperm that remain motile also maintain their plasma membrane integrity and hyaluronic acid binding properties. <i>Fertility and Sterility</i> , 2002, 78, S213.	1.0	0
84	Antioxidants induce apoptotic death of ovarian thecal-interstitial cells. <i>Fertility and Sterility</i> , 2002, 78, S224.	1.0	0
85	Surfactant proteins A and D in human spermatozoa. <i>Fertility and Sterility</i> , 2007, 88, S388.	1.0	0
86	Electron microscopic investigations on normal and dexamethasone applied rat placentas. , 2008, , 251-252.		0
87	Abamectin pesticide exposure and male infertility: human exposure studies supported by animal studies point out a considerable relationship. <i>Fertility and Sterility</i> , 2009, 92, S137.	1.0	0
88	Shear stress activation of nitric oxide synthase and increased NO levels in human red blood cells. <i>Nature Precedings</i> , 2010, , .	0.1	0
89	Role of Sperm”Hyaluronic Acid Binding in the Evaluation and Treatment of Subfertile Men with ROS-Affected Semen: Assessment of Sperm with Oxidative Damage and HA-Mediated ICSI Sperm Selection. , 2012, , 459-469.		0
90	PP105”The role of poly (ADP-ribose) polymerase (PARP) pathway on endothelin-1 (ET-1)-induced endothelial dysfunction in rat thoracic aorta. <i>Clinical Therapeutics</i> , 2013, 35, e48-e49.	2.5	0

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91	PP107â€”Chronic treatment with taurine ameliorates diabetes-induced dysfunction of nitric oxide-mediated neurogenic and endothelium-dependent corpus cavernosum relaxation in rats. Clinical Therapeutics, 2013, 35, e49.	2.5	0
92	Expression of mTOR and downstream target components in normal and gestational diabetic human term placenta. Placenta, 2014, 35, A31.	1.5	0
93	Expressions of follicular activation inhibitory molecules; Foxo3a, p27, and Foxl2 in mouse ovulation induction model. Reproductive BioMedicine Online, 2014, 28, S9.	2.4	0
94	Evaluation of the FoxO4 expressions in mouse preimplantation embryo development. Reproductive BioMedicine Online, 2014, 28, S11.	2.4	0
95	Electromagnetic field radiation lead to alteration of blood-testis barrier regulating protein levels in the rat testis. Fertility and Sterility, 2017, 108, e315.	1.0	0
96	494 Surfactant proteins in psoriasis vulgaris and lichen planus. Journal of Investigative Dermatology, 2017, 137, S276.	0.7	0
97	Distinct spatiotemporal expression of FoxO1 in periimplantation mouse uterus and reduced embryo implantation after its functional blockage. Fertility and Sterility, 2017, 108, e106-e107.	1.0	0
98	A mice model of fertility preservation for pre-pubertal girls: significant primordial follicle survival by cryopreservation, despite increased DNA break and decreased proliferation in granulosa cells both after chemotherapy and ovarian vitrification. Reproductive BioMedicine Online, 2018, 37, e16.	2.4	0
99	Prediction of the extent of germ cell loss utilising a noninvasive spectroscopy method in rat testicular damage model. Andrologia, 2021, 53, e14010.	2.1	0
100	The flip side of the coin: is the endometrium ready for IVM-derived embryo implantation?. Journal of Assisted Reproduction and Genetics, 2021, 38, 1289-1291.	2.5	0
101	Pâ€”372 Maternal circadian disruption is associated with impaired rhythmic expression of molecular clock genes and IUGR during placenta development in mice. Human Reproduction, 2021, 36, .	0.9	0
102	INDOMETHACIN CAN PROTECT PLACENTAL INFLAMMATION AND DELAY PRETERM BIRTH IN THE LPS-INDUCED PRETERM DELIVERY MODEL. Fertility and Sterility, 2021, 116, e424.	1.0	0
103	Spermatogenesis and Testicular Function. , 2012, , 245-260.		0
104	SESSION 45: MALE FERTILITY PRESERVATION. Human Reproduction, 2012, 27, ii64-ii65.	0.9	0
105	Spermatogenesis and Testicular Function. , 2013, , 31-50.		0
106	The amazing miniorgan: Hair follicle. Turkderm, 2014, 48, 2-5.	0.1	0
107	Expressions of CK15, CD34, Nestin and CD200 in Lichen Planopilaris. Turk Dermatoloji Dergisi, 2017, 11, 70-74.	0.1	0
108	Evaluation of mTOR signaling pathway proteins in rat gastric mucosa exposed to sulfite and ghrelin. Turkish Journal of Gastroenterology, 2018, 29, 92-98.	1.1	0

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109	Sperm Selection Techniques for ICSI. , 2020, , 795-802.		0
110	Altered expression of Notch signaling, Tlr receptors, and surfactant protein expression after prostaglandin inhibition may be associated with the delayed labor in LPS-induced mice. Journal of Assisted Reproduction and Genetics, 2022, , .	2.5	0