

Mohammad Mehdi Akhondi

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

1,051
citations

361413

20
h-index

477307

29
g-index

68
all docs

68
docs citations

68
times ranked

1607
citing authors

#	ARTICLE	IF	CITATIONS
1	Isolation, identification, and culture of goat spermatogonial stem cells using c-kit and PGP9.5 markers. <i>Journal of Assisted Reproduction and Genetics</i> , 2012, 29, 1029-1038.	2.5	73
2	Platelet-rich plasma promotes the development of isolated human primordial and primary follicles to the preantral stage. <i>Reproductive BioMedicine Online</i> , 2017, 35, 343-350.	2.4	71
3	Reactive oxygen species-induced alterations in H19-Igf2 methylation patterns, seminal plasma metabolites, and semen quality. <i>Journal of Assisted Reproduction and Genetics</i> , 2019, 36, 241-253.	2.5	50
4	Proliferation and chondrogenic differentiation potential of menstrual blood- and bone marrow-derived stem cells in two-dimensional culture. <i>International Journal of Hematology</i> , 2012, 95, 484-493.	1.6	46
5	Quantification of sperm specific mRNA transcripts (<i>PRM1</i> , <i>PRM2</i> , and <i>TNP2</i>) in teratozoospermia and normozoospermia: New correlations between mRNA content and morphology of sperm. <i>Molecular Reproduction and Development</i> , 2015, 82, 26-35.	2.0	42
6	Role of vitamin E and D3 supplementation in Intra-Cytoplasmic Sperm Injection outcomes of women with polycystic ovarian syndrome: A double blinded randomized placebo-controlled trial. <i>Clinical Nutrition ESPEN</i> , 2017, 18, 23-30.	1.2	40
7	Testicular expression of synaptonemal complex protein 3 (SYCP3) messenger ribonucleic acid in 110 patients with nonobstructive azoospermia. <i>Fertility and Sterility</i> , 2006, 86, 325-331.	1.0	36
8	The effect of ovine oocyte vitrification on expression of subset of genes involved in epigenetic modifications during oocyte maturation and early embryo development. <i>Theriogenology</i> , 2016, 86, 2136-2146.	2.1	36
9	Fabrication and characterization of nano-fibrous bilayer composite for skin regeneration application. <i>Methods</i> , 2016, 99, 3-12.	3.8	34
10	Fertility behaviour of Iranian women: a community-based, cross-sectional study. <i>Archives of Iranian Medicine</i> , 2015, 18, 2-5.	0.6	34
11	Investigating Association of Three Polymorphisms of Coagulation Factor XIII and Recurrent Pregnancy Loss. <i>American Journal of Reproductive Immunology</i> , 2010, 64, 212-217.	1.2	31
12	Conceiving IVF in Iran. <i>Reproductive Biomedicine and Society Online</i> , 2016, 2, 62-70.	1.8	30
13	Prevalence of Primary Infertility in Iran in 2010. <i>Iranian Journal of Public Health</i> , 2013, 42, 1398-404.	0.5	29
14	Ooplasmic transfer in human oocytes: efficacy and concerns in assisted reproduction. <i>Reproductive Biology and Endocrinology</i> , 2017, 15, 77.	3.3	28
15	An Evaluation of the Historical Importance of Fertility and Its Reflection in Ancient Mythology. <i>Journal of Reproduction and Infertility</i> , 2016, 17, 2-9.	1.0	26
16	Models Predicting Success of Infertility Treatment: A Systematic Review. <i>Journal of Reproduction and Infertility</i> , 2016, 17, 68-81.	1.0	24
17	The effect of sortilin silencing on ovarian carcinoma cells. <i>Avicenna Journal of Medical Biotechnology</i> , 2014, 6, 169-77.	0.3	22
18	The inductive effects of <i>Centella asiatica</i> on rat spermatogenic cell apoptosis in vivo. <i>Journal of Natural Medicines</i> , 2012, 66, 271-278.	2.3	21

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19	Propagation of human germ stem cells in long-term culture. Iranian Journal of Reproductive Medicine, 2013, 11, 551-8.	0.8	21
20	A Novel Method for the Synthesis of Spiro[indoline-4,3-pyrazolo[4,3-c:5,6]pyrido[2,3-d<i>h</i>]pyrimidine]triones by Alum as a Reusable Catalyst. Journal of Heterocyclic Chemistry, 2012, 49, 951-954.	2.6	20
21	Development of sheep primordial follicles encapsulated in alginate or in ovarian tissue in fresh and vitrified samples. Cryobiology, 2016, 72, 100-105.	0.7	20
22	Seminal molecular markers as a non-invasive diagnostic tool for the evaluation of spermatogenesis in non-obstructive azoospermia. Systems Biology in Reproductive Medicine, 2011, 57, 190-196.	2.1	19
23	Effect of Administration of Single Dose GnRH Agonist in Luteal Phase on Outcome of ICSI-ET Cycles in Women with Previous History of IVF/ICSI Failure: A Randomized Controlled Trial. Journal of Reproduction and Infertility, 2015, 16, 96-101.	1.0	18
24	Experiences of Infertile Women Seeking Assisted Pregnancy in Iran: A Qualitative Study. Journal of Reproduction and Infertility, 2015, 16, 221-8.	1.0	17
25	Relationship of seminal plasma antioxidants and serum male hormones with sperm chromatin status in male factor infertility. Systems Biology in Reproductive Medicine, 2012, 58, 236-244.	2.1	16
26	Correlation of CMA3 Staining with Sperm Quality and Protamine Deficiency. Laboratory Medicine, 2012, 43, 262-267.	1.2	16
27	The Association of Seminal Plasma Antioxidant Levels and Sperm Chromatin Status with Genetic Variants of GSTM1 and GSTP1 (Ile105Val and Ala114Val) in Infertile Men with Oligoasthenoteratozoospermia. Disease Markers, 2013, 34, 205-210.	1.3	13
28	Seminal Levels of IL-10, IL-12, and IL-17 in Men with Asymptomatic Chlamydia Infection. Inflammation, 2014, 37, 122-126.	3.8	13
29	Mutual Helper Effect in Copulsing of Dendritic Cells With 2 Antigens. Journal of Immunotherapy, 2009, 32, 325-332.	2.4	11
30	Dramatic Rise in Cesarean Birth in Iran: A Coalition of Private Medical Practices and Women's Choices. International Journal of Women's Health and Reproduction Sciences, 2020, 8, 245-258.	0.4	11
31	Efficacy of Intrauterine Injection of Granulocyte Colony Stimulating Factor (G-CSF) on Treatment of Unexplained Recurrent Miscarriage: A Pilot RCT Study. Journal of Reproduction and Infertility, 2017, 18, 379-385.	1.0	10
32	5-(N-ethylcarboxamido) adenosine improves angiogenesis in transplanted human ovarian tissue. Fertility and Sterility, 2011, 95, 2560-2563.e5.	1.0	9
33	Morphologic and proliferative characteristics of goat type a spermatogonia in the presence of different sets of growth factors. Journal of Assisted Reproduction and Genetics, 2014, 31, 1519-1531.	2.5	9
34	Study of body image in fertile and infertile men. Journal of Reproduction and Infertility, 2011, 12, 295-8.	1.0	9
35	ART Outcomes in GnRH Antagonist Protocol (Flexible) and Long GnRH Agonist Protocol during Early Follicular Phase in Patients with Polycystic Ovary Syndrome: A Randomized Clinical Trial. Journal of Reproduction and Infertility, 2015, 16, 148-54.	1.0	9
36	Immunogenicity and reactogenicity of two diphtheria-tetanus-whole cell pertussis vaccines in Iranian pre-school children, a randomized controlled trial. Human Vaccines and Immunotherapeutics, 2013, 9, 1316-1322.	3.3	8

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37	Molecular analysis of testis biopsy and semen pellet as complementary methods with histopathological analysis of testis in non-obstructive azoospermia. <i>Journal of Assisted Reproduction and Genetics</i> , 2014, 31, 707-715.	2.5	8
38	Experimental strategies towards increasing intracellular mitochondrial activity in oocytes: A systematic review. <i>Mitochondrion</i> , 2016, 30, 8-17.	3.4	8
39	A simple, rapid and economic manual method for human sperm DNA extraction in genetic and epigenetic studies. <i>Middle East Fertility Society Journal</i> , 2018, 23, 216-219.	1.5	8
40	The association of seminal plasma antioxidant levels and sperm chromatin status with genetic variants of GSTM1 and GSTP1 (Ile105Val and Ala114Val) in infertile men with oligoasthenoteratozoospermia. <i>Disease Markers</i> , 2013, 34, 205-10.	1.3	8
41	Fibronectin as a new biomarker for human sperm selection in assisted reproductive technology. <i>Turkish Journal of Urology</i> , 2019, 45, 83-90.	1.3	7
42	Reconstruction of mammalian oocytes by germinal vesicle transfer: A systematic review. <i>International Journal of Reproductive BioMedicine</i> , 2017, 15, 601-612.	0.9	6
43	The Effect of Media Supplementation with Angiotensin on Developmental Competence of Ovine Embryos Derived from Vitrified-warmed Oocytes. <i>Avicenna Journal of Medical Biotechnology</i> , 2016, 8, 139-44.	0.3	6
44	Exogenous Secreted Frizzled-Related Protein-4 Modulates Steroidogenesis of Rat Granulosa Cells through Wnt/ β^2 -catenin and PI3K/AKT Signaling Pathways. <i>Avicenna Journal of Medical Biotechnology</i> , 2016, 8, 159-168.	0.3	6
45	Assessing the potential of HSPA2 and ADAM2 as two biomarkers for human sperm selection. <i>Human Fertility</i> , 2020, 23, 123-133.	1.7	5
46	The effect of paternal age on semen quality and fertilization outcome in men with normal sperm DNA compaction, reactive oxygen species, and total antioxidant capacity levels. <i>Turkish Journal of Urology</i> , 2019, 45, 164-170.	1.3	5
47	Anchored Fibromodulin as a Novel Target in Chronic Lymphocytic Leukemia: Diagnostic and Therapeutic Implications. <i>Iranian Journal of Immunology</i> , 2019, 16, 127-141.	0.6	5
48	The effect of aldosterone on Na ⁺ /K ⁺ /ATPase expression and development of embryos derived from vitrified-warmed sheep oocytes. <i>Small Ruminant Research</i> , 2015, 126, 44-51.	1.2	4
49	Rapid detection of RB1 recurrent mutations in retinoblastoma by ARMS-PCR. <i>Journal of Genetics</i> , 2016, 93, 36-40.	0.7	4
50	Step-by-step decision-making process in third party assisted reproduction: a qualitative study. <i>Human Fertility</i> , 2022, 25, 487-498.	1.7	4
51	The Impact of Third Party Reproduction on Family and Kinship. <i>Journal of Reproduction and Infertility</i> , 2021, 22, 3-15.	1.0	4
52	The effect of human chorionic gonadotropin treatment on recipient mouse germ cell proliferation following spermatogonial stem cell transplantation of neonatal donor mice. <i>Avicenna Journal of Medical Biotechnology</i> , 2010, 2, 23-35.	0.3	4
53	Aspects of psychosocial development in infertile versus fertile men. <i>Journal of Reproduction and Infertility</i> , 2013, 14, 90-3.	1.0	4
54	The effect of Setarud (IMOD(TM)) on angiogenesis in transplanted human ovarian tissue to nude mice. <i>Iranian Journal of Reproductive Medicine</i> , 2015, 13, 605-14.	0.8	4

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55	Reconstruction of mammalian oocytes by germinal vesicle transfer: A systematic review. <i>International Journal of Reproductive BioMedicine</i> , 2017, 15, 601-612.	0.9	4
56	Evaluating the Potential of Three Sperm Surface Antigens as Egg-adhesion Biomarkers for Human Sperm Selection. <i>Journal of Reproduction and Infertility</i> , 2018, 19, 203-210.	1.0	4
57	Monoclonal and Polyclonal Antibodies Specific to Human Fibromodulin. <i>Iranian Journal of Biotechnology</i> , 2019, 17, 60-67.	0.3	3
58	Embryo Donation in Iranian Legal System: A Critical Review. <i>Journal of Reproduction and Infertility</i> , 2015, 16, 130-7.	1.0	3
59	The Effect of Angiotensin on the Quality of In Vitro Produced (IVP) Sheep Embryos and Expression of Na(+)/K(+)/ATPase. <i>Avicenna Journal of Medical Biotechnology</i> , 2016, 8, 9-15.	0.3	3
60	Transplantation of Spermatogonial Stem Cells Suspension into Rete Testis of Azoospermia Mouse Model. <i>Urology Journal</i> , 2018, 15, 40-47.	0.4	3
61	Comparing four laboratory three-parent techniques to construct human aged non-surrounded nucleolus germinal vesicle oocytes: A case-control study. <i>International Journal of Reproductive BioMedicine</i> , 2020, 18, 425-438.	0.9	2
62	Molecular and serologic diagnostic approaches; the prevalence of herpes simplex in idiopathic men infertile. <i>Iranian Journal of Reproductive Medicine</i> , 2014, 12, 327-34.	0.8	2
63	Breaching confidentiality: medical mandatory reporting laws in Iran. <i>Journal of Medical Ethics and History of Medicine</i> , 2014, 7, 13.	0.6	2
64	Attitudes about Sex Selection and Sex Preference in Iranian Couples Referred for Sex Selection Technology. <i>Journal of Reproduction and Infertility</i> , 2015, 16, 36-42.	1.0	2
65	High 3:6 fatty acids ratio increases fatty acid binding protein 4 and extracellular secretory phospholipase A2IIa in human ectopic endometrial cells. <i>Iranian Journal of Reproductive Medicine</i> , 2014, 12, 755-64.	0.8	1
66	Certain TSGA10 polymorphisms are not associated with male infertility in Iranian population. <i>Gene Reports</i> , 2019, 16, 100462.	0.8	0
67	An Evaluation of Iranian Judges' Decisions about The Act of Embryo Donation. <i>International Journal of Fertility & Sterility</i> , 2015, 9, 254-60.	0.2	0
68	Upstream or swim up processing technique: which one is more effective to select human sperm with high chromatin integrity. <i>International Journal of Reproductive BioMedicine</i> , 2018, 16, 463-468.	0.9	0