

Mohammad Mehdi Akhondi

List of Publications by Year in descending order

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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	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
2	The Impact of Third Party Reproduction on Family and Kinship. <i>Journal of Reproduction and Infertility</i> , 2021, 22, 3-15.	1.0	4
3	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
4	Dramatic Rise in Cesarean Birth in Iran: A Coalition of Private Medical Practices and Women's Choices. <i>International Journal of Women's Health and Reproduction Sciences</i> , 2020, 8, 245-258.	0.4	11
5	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
6	Certain TSGA10 polymorphisms are not associated with male infertility in Iranian population. <i>Gene Reports</i> , 2019, 16, 100462.	0.8	0
7	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
8	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
9	Monoclonal and Polyclonal Antibodies Specific to Human Fibromodulin. <i>Iranian Journal of Biotechnology</i> , 2019, 17, 60-67.	0.3	3
10	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
11	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
12	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
13	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
14	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
15	Transplantation of Spermatogonial Stem Cells Suspension into Rete Testis of Azoospermia Mouse Model. <i>Urology Journal</i> , 2018, 15, 40-47.	0.4	3
16	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
17	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
18	Ooplasmic transfer in human oocytes: efficacy and concerns in assisted reproduction. <i>Reproductive Biology and Endocrinology</i> , 2017, 15, 77.	3.3	28

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19	Reconstruction of mammalian oocytes by germinal vesicle transfer: A systematic review. International Journal of Reproductive BioMedicine, 2017, 15, 601-612.	0.9	6
20	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
21	Reconstruction of mammalian oocytes by germinal vesicle transfer: A systematic review. International Journal of Reproductive BioMedicine, 2017, 15, 601-612.	0.9	4
22	Rapid detection of RB1 recurrent mutations in retinoblastoma by ARMS-PCR. Journal of Genetics, 2016, 93, 36-40.	0.7	4
23	Experimental strategies towards increasing intracellular mitochondrial activity in oocytes: A systematic review. Mitochondrion, 2016, 30, 8-17.	3.4	8
24	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
25	Conceiving IVF in Iran. Reproductive Biomedicine and Society Online, 2016, 2, 62-70.	1.8	30
26	The effect of ovine oocyte vitrification on expression of subset of genes involved in epigenetic modifications during oocyte maturation and early embryo development. Theriogenology, 2016, 86, 2136-2146.	2.1	36
27	Fabrication and characterization of nano-fibrous bilayer composite for skin regeneration application. Methods, 2016, 99, 3-12.	3.8	34
28	The Effect of Angiotensin on the Quality of In Vitro Produced (IVP) Sheep Embryos and Expression of Na(+)/K(+)/ATPase. Avicenna Journal of Medical Biotechnology, 2016, 8, 9-15.	0.3	3
29	An Evaluation of the Historical Importance of Fertility and Its Reflection in Ancient Mythology. Journal of Reproduction and Infertility, 2016, 17, 2-9.	1.0	26
30	Models Predicting Success of Infertility Treatment: A Systematic Review. Journal of Reproduction and Infertility, 2016, 17, 68-81.	1.0	24
31	The Effect of Media Supplementation with Angiotensin on Developmental Competence of Ovine Embryos Derived from Vitrified-warmed Oocytes. Avicenna Journal of Medical Biotechnology, 2016, 8, 139-44.	0.3	6
32	Exogenous Secreted Frizzled-Related Protein-4 Modulates Steroidogenesis of Rat Granulosa Cells through Wnt/ β -catenin and PI3K/AKT Signaling Pathways. Avicenna Journal of Medical Biotechnology, 2016, 8, 159-168.	0.3	6
33	The effect of aldosterone on Na+/K+/ATPase expression and development of embryos derived from vitrified-warmed sheep oocytes. Small Ruminant Research, 2015, 126, 44-51.	1.2	4
34	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. Molecular Reproduction and Development, 2015, 82, 26-35.	2.0	42
35	Attitudes about Sex Selection and Sex Preference in Iranian Couples Referred for Sex Selection Technology. Journal of Reproduction and Infertility, 2015, 16, 36-42.	1.0	2
36	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

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37	Embryo Donation in Iranian Legal System: A Critical Review. <i>Journal of Reproduction and Infertility</i> , 2015, 16, 130-7.	1.0	3
38	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. <i>Journal of Reproduction and Infertility</i> , 2015, 16, 148-54.	1.0	9
39	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
40	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
41	Experiences of Infertile Women Seeking Assisted Pregnancy in Iran: A Qualitative Study. <i>Journal of Reproduction and Infertility</i> , 2015, 16, 221-8.	1.0	17
42	Fertility behaviour of Iranian women: a community-based, cross-sectional study. <i>Archives of Iranian Medicine</i> , 2015, 18, 2-5.	0.6	34
43	Seminal Levels of IL-10, IL-12, and IL-17 in Men with Asymptomatic Chlamydia Infection. <i>Inflammation</i> , 2014, 37, 122-126.	3.8	13
44	Morphologic and proliferative characteristics of goat type a spermatogonia in the presence of different sets of growth factors. <i>Journal of Assisted Reproduction and Genetics</i> , 2014, 31, 1519-1531.	2.5	9
45	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
46	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
47	The effect of sortilin silencing on ovarian carcinoma cells. <i>Avicenna Journal of Medical Biotechnology</i> , 2014, 6, 169-77.	0.3	22
48	Breaching confidentiality: medical mandatory reporting laws in Iran. <i>Journal of Medical Ethics and History of Medicine</i> , 2014, 7, 13.	0.6	2
49	High 1 α -25(OH) $_2$ D $_3$ 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
50	Immunogenicity and reactogenicity of two diphtheria-tetanus-whole cell pertussis vaccines in Iranian pre-school children, a randomized controlled trial. <i>Human Vaccines and Immunotherapeutics</i> , 2013, 9, 1316-1322.	3.3	8
51	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, 205-210.	1.3	13
52	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
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	Propagation of human germ stem cells in long-term culture. <i>Iranian Journal of Reproductive Medicine</i> , 2013, 11, 551-8.	0.8	21

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55	Prevalence of Primary Infertility in Iran in 2010. Iranian Journal of Public Health, 2013, 42, 1398-404.	0.5	29
56	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
57	Isolation, identification, and culture of goat spermatogonial stem cells using c-kit and PGP9.5 markers. Journal of Assisted Reproduction and Genetics, 2012, 29, 1029-1038.	2.5	73
58	A Novel Method for the Synthesis of Spiro[indoline-4-pyrazolo[4,3-b]pyrido[2,3-d]pyrimidine]triones by Alum as a Reusable Catalyst. Journal of Heterocyclic Chemistry, 2012, 49, 951-954.	2.6	20
59	Correlation of CMA3 Staining with Sperm Quality and Protamine Deficiency. Laboratory Medicine, 2012, 43, 262-267.	1.2	16
60	The inductive effects of Centella asiatica on rat spermatogenic cell apoptosis in vivo. Journal of Natural Medicines, 2012, 66, 271-278.	2.3	21
61	Proliferation and chondrogenic differentiation potential of menstrual blood- and bone marrow-derived stem cells in two-dimensional culture. International Journal of Hematology, 2012, 95, 484-493.	1.6	46
62	5-(N-ethylcarboxamido) adenosine improves angiogenesis in transplanted human ovarian tissue. Fertility and Sterility, 2011, 95, 2560-2563.e5.	1.0	9
63	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
64	Study of body image in fertile and infertile men. Journal of Reproduction and Infertility, 2011, 12, 295-8.	1.0	9
65	Investigating Association of Three Polymorphisms of Coagulation Factor XIII and Recurrent Pregnancy Loss. American Journal of Reproductive Immunology, 2010, 64, 212-217.	1.2	31
66	The effect of human chorionic gonadotropin treatment on recipient mouse germ cell proliferation following spermatogonial stem cell transplantation of neonatal donor mice. Avicenna Journal of Medical Biotechnology, 2010, 2, 23-35.	0.3	4
67	Mutual Helper Effect in Copulsing of Dendritic Cells With 2 Antigens. Journal of Immunotherapy, 2009, 32, 325-332.	2.4	11
68	Testicular expression of synaptonemal complex protein 3 (SYCP3) messenger ribonucleic acid in 110 patients with nonobstructive azoospermia. Fertility and Sterility, 2006, 86, 325-331.	1.0	36