

Behrouz Aflatoonian

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

1,517
citations

840119

11
h-index

315357

38
g-index

45
all docs

45
docs citations

45
times ranked

2325
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of human embryonic stem cell lines by the International Stem Cell Initiative. <i>Nature Biotechnology</i> , 2007, 25, 803-816.	9.4	983
2	In vitro post-meiotic germ cell development from human embryonic stem cells. <i>Human Reproduction</i> , 2009, 24, 3150-3159.	0.4	134
3	Germ cells from mouse and human embryonic stem cells. <i>Reproduction</i> , 2006, 132, 699-707.	1.1	48
4	Human primordial germ cells and embryonic germ cells, and their use in cell therapy. <i>Current Opinion in Biotechnology</i> , 2005, 16, 530-535.	3.3	43
5	Generation of Sheffield (Shef) human embryonic stem cell lines using a microdrop culture system. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2010, 46, 236-241.	0.7	40
6	Fresh versus frozen embryo transfer after gonadotropin-releasing hormone agonist trigger in gonadotropin-releasing hormone antagonist cycles among high responder women: A randomized, multi-center study. <i>International Journal of Reproductive BioMedicine</i> , 2018, 16, 9-18.	0.5	27
7	Perinatal outcome in fresh versus frozen embryo transfer in ART cycles. <i>International Journal of Reproductive BioMedicine</i> , 2016, 14, 167-172.	0.5	23
8	Pluripotency and differentiation of cells from human testicular sperm extraction: An investigation of cell stemness. <i>Molecular Reproduction and Development</i> , 2016, 83, 312-323.	1.0	19
9	Increased expression of stemness genes Rex-1, Oct-4, Nanog, and Sox-2 in women with ovarian endometriosis versus normal endometrium: A case-control study. <i>International Journal of Reproductive BioMedicine</i> , 2019, 16, 783.	0.5	16
10	The influence of elastomeric polyurethane type and ratio on the physicochemical properties of electrospun polyurethane/silk fibroin hybrid nanofibers as potential scaffolds for soft and hard tissue engineering. <i>European Polymer Journal</i> , 2019, 121, 109294.	2.6	16
11	Fresh versus frozen embryo transfer after gonadotropin-releasing hormone agonist trigger in gonadotropin-releasing hormone antagonist cycles among high responder women: A randomized, multi-center study. <i>International Journal of Reproductive BioMedicine</i> , 2018, 16, 9-18.	0.5	15
12	Recent Microfluidic Innovations for Sperm Sorting. <i>Chemosensors</i> , 2021, 9, 126.	1.8	13
13	Stem cells for reproductive medicine. <i>Molecular and Cellular Endocrinology</i> , 2008, 288, 104-110.	1.6	11
14	Perinatal outcome in fresh versus frozen embryo transfer in ART cycles. <i>International Journal of Reproductive BioMedicine</i> , 2016, 14, 167-72.	0.5	10
15	Attempts for Generation of Embryonic Stem Cells from Human Embryos Following In Vitro Embryo Twinning. <i>Stem Cells and Development</i> , 2019, 28, 303-309.	1.1	9
16	Assessment Effects of Resveratrol on Human Telomerase Reverse Transcriptase Messenger Ribonucleic Acid Transcript in Human Glioblastoma. <i>Advanced Biomedical Research</i> , 2017, 6, 73.	0.2	9
17	Coronary stents seeded with human trophoblastic endovascular progenitor cells show accelerated strut coverage without excessive neointimal proliferation in a porcine model. <i>EuroIntervention</i> , 2014, 10, 709-716.	1.4	8
18	A randomized controlled trial of gonadotropin-releasing hormone agonist versus gonadotropin-releasing hormone antagonist in Iranian infertile couples: oocyte gene expression. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2014, 22, 67.	0.9	7

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19	Biological and physiological characteristics of human cumulus cell in adherent culture condition. International Journal of Reproductive BioMedicine, 2019, 18, 1-10.	0.5	7
20	Use of zona pellucidaâ€bound spermatozoa as a natural selection in improvement of ICSI outcomes: A systematic review and metaâ€analysis. Andrologia, 2021, 53, e14022.	1.0	6
21	A comparative study on the results of agonist and antagonist protocols based on serum AMH levels in patients undergoing intracytoplasmic sperm injection. International Journal of Reproductive BioMedicine, 2016, 14, 769-776.	0.5	6
22	Mesenchymal Stem-Cell Derived Exosome Therapy as a Potential Future Approach for Treatment of Male Infertility Caused by Chlamydia Infection. Frontiers in Microbiology, 2021, 12, 785622.	1.5	6
23	Derivation of new human embryonic stem cell lines (Yazd1-3) and their vitrification using Cryotech and Cryowin tools: A lab resources report. International Journal of Reproductive BioMedicine, 2019, 17, 891-906.	0.5	5
24	Effect of Human Testicular Cells Conditioned Medium on Maturation and Morphology of Mouse Oocytes. International Journal of Fertility & Sterility, 2020, 14, 175-184.	0.2	5
25	The effect of the human cumulus cells-conditioned medium on in vitro maturation of mouse oocyte: An experimental study. International Journal of Reproductive BioMedicine, 2020, 18, 1019-1028.	0.5	5
26	Development of An Artificial Male Germ Cell Niche Using Electrospun Poly Vinyl Alcohol/Human Serum Albumin/Gelatin Fibers. Cell Journal, 2019, 21, 300-306.	0.2	5
27	Potential of Mesenchymal Stem Cell-Derived Exosomes as a Novel Treatment for Female Infertility Caused by Bacterial Infections. Frontiers in Microbiology, 2021, 12, 785649.	1.5	5
28	A comparative analysis of immunomodulatory genes in two clonal subpopulations of CD90+ amniocytes isolated from human amniotic fluid. Placenta, 2020, 101, 234-241.	0.7	4
29	Mesenchymal Stem/Stromal-Like Cells from Diploid and Triploid Human Embryonic Stem Cells Display Different Gene Expression Profiles. Iranian Biomedical Journal, 2021, 25, 99-105.	0.4	4
30	Controlled Ovarian Stimulation in Endometriosis Patients Can Be Individualized by Anti-Mullerian Hormone Levels. Acta Endocrinologica, 2017, 13, 195-202.	0.1	4
31	Characteristics of the human endometrial regeneration cells as a potential source for future stem cell-based therapies: A lab resources study. International Journal of Reproductive BioMedicine, 2020, 18, 943-950.	0.5	4
32	Human Embryonic Stem Cells Derived Mesenchymal Stem/Stromal Cells and their Use in Regenerative Medicine. Journal of Stem Cell Research & Therapeutics, 2016, 1, .	0.1	3
33	Human embryonic stem cells and good manufacturing practice: Report of a 1- day workshop held at Stem Cell Biology Research Center, Yazd, 27th April 2017. International Journal of Reproductive BioMedicine, 2017, 15, 255-256.	0.5	3
34	From stem cells to spermatozoa and back. Society of Reproduction and Fertility Supplement, 2007, 65, 19-32.	0.2	3
35	Human embryonic stem cells and good manufacturing practice: Report of a 1- day workshop held at Stem Cell Biology Research Center, Yazd, 27 April 2017. International Journal of Reproductive BioMedicine, 2017, 15, 255-256.	0.5	2
36	Characteristics of the human endometrial regeneration cells as a potential source for future stem cell-based therapies: A lab resources study. International Journal of Reproductive BioMedicine, 2020, 18, 943-950.	0.5	2

#	ARTICLE	IF	CITATIONS
37	152â€¦Stem Cell Coated Metallic Coronary Stents Show Accelerated Strut Coverage without Excessive Neointimal Proliferation in a Porcine Model. <i>Heart</i> , 2014, 100, A88.2-A89.	1.2	1
38	Reproductive biology, stem cells biotechnology and regenerative medicine: a 1-day national symposium held at Shahid Sadoughi University of Medical Sciences. <i>International Journal of Reproductive BioMedicine</i> , 2016, 14, 553-556.	0.5	1
39	A comparative study on the results of agonist and antagonist protocols based on serum AMH levels in patients undergoing intracytoplasmic sperm injection. <i>International Journal of Reproductive BioMedicine</i> , 2016, 14, 769-776.	0.5	1
40	The Viability of Human Testis-Derived Cells on Human Serum Albumin-Based Scaffold as An Artificial Male Germ Cell Niche. <i>International Journal of Fertility & Sterility</i> , 2020, 14, 150-153.	0.2	1
41	The stem cell session of the 7th Yazd International Congress and Student Award in Reproductive Medicine held at Shahid Sadoughi University of Medical Sciences. <i>International Journal of Reproductive BioMedicine</i> , 2017, 15, 319-320.	0.5	0
42	Isolation and culture of human endometrial derived cells as an in vitro model for future implantation studies. <i>Majallah-i Dānishgāh-i ā€™ULĀ«m-i PizishkĀ«-i ShahĀ«d ā¹ÇadĀ«qĀ« Yazd</i> , 0, , .	0.0	0
43	Vitamin E and Selenium Facilitate the Osteogenesis and Adipogenesis of the Human Adipose Tissue-Derived Mesenchymal Stem/Stromal Cells. <i>International Journal of Medical Laboratory</i> , 0, , .	0.0	0