

Amir Fattahi

List of Publications by Year in descending order

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Version: 2024-02-01

72
papers

1,253
citations

393982

19
h-index

454577

30
g-index

73
all docs

73
docs citations

73
times ranked

1563
citing authors

#	ARTICLE	IF	CITATIONS
1	An Overview on Application of Natural Substances Incorporated with Electrospun Nanofibrous Scaffolds to Development of Innovative Wound Dressings. <i>Mini-Reviews in Medicinal Chemistry</i> , 2018, 18, 414-427.	1.1	140
2	Current approaches in identification and isolation of cancer stem cells. <i>Journal of Cellular Physiology</i> , 2019, 234, 14759-14772.	2.0	65
3	Cytoprotection, proliferation and epidermal differentiation of adipose tissue-derived stem cells on emu oil based electrospun nanofibrous mat. <i>Experimental Cell Research</i> , 2017, 357, 192-201.	1.2	55
4	MicroRNA-mediated drug resistance in ovarian cancer. <i>Journal of Cellular Physiology</i> , 2019, 234, 3180-3191.	2.0	53
5	Therapeutic potentials of Apatinib in cancer treatment: Possible mechanisms and clinical relevance. <i>Life Sciences</i> , 2020, 241, 117106.	2.0	52
6	Electrospun patterned porous scaffolds for the support of ovarian follicles growth: a feasibility study. <i>Scientific Reports</i> , 2019, 9, 1150.	1.6	48
7	Lymphocytes immunotherapy for preserving pregnancy: Mechanisms and Challenges. <i>American Journal of Reproductive Immunology</i> , 2018, 80, e12853.	1.2	46
8	Placental growth factor (PlGF) as an angiogenic/inflammatory switcher: lesson from early pregnancy losses. <i>Gynecological Endocrinology</i> , 2017, 33, 668-674.	0.7	41
9	A human chorionic gonadotropin (hCG) delivery platform using engineered uterine exosomes to improve endometrial receptivity. <i>Life Sciences</i> , 2021, 275, 119351.	2.0	37
10	Potential roles of metalloproteinases of endometrium-derived exosomes in embryo-maternal crosstalk during implantation. <i>Journal of Cellular Physiology</i> , 2018, 233, 4530-4545.	2.0	35
11	Nicotinamide and its metabolite N1-Methylnicotinamide alleviate endocrine and metabolic abnormalities in adipose and ovarian tissues in rat model of Polycystic Ovary Syndrome. <i>Chemico-Biological Interactions</i> , 2020, 324, 109093.	1.7	32
12	N1-methylnicotinamide (MNAM) as a guardian of cardiovascular system. <i>Journal of Cellular Physiology</i> , 2018, 233, 6386-6394.	2.0	30
13	Antioxidant effect of aqueous extract of four plants with therapeutic potential on gynecological diseases; <i>Semen persicae</i> , <i>Leonurus cardiaca</i> , <i>Hedyotis diffusa</i> , and <i>Curcuma zedoaria</i> . <i>European Journal of Medical Research</i> , 2017, 22, 50.	0.9	27
14	Dual role of TGF- β 2 in early pregnancy: clues from tumor progression. <i>Biology of Reproduction</i> , 2019, 100, 1417-1430.	1.2	26
15	The potential therapeutic effects of melatonin on breast cancer: An invasion and metastasis inhibitor. <i>Pathology Research and Practice</i> , 2020, 216, 153226.	1.0	24
16	Effects of bacteria on male fertility: Spermatogenesis and sperm function. <i>Life Sciences</i> , 2020, 256, 117891.	2.0	23
17	Follicular fluid PlGF/sFlt-1 ratio and soluble receptor for advanced glycation end-products correlate with ovarian sensitivity index in women undergoing A.R.T.. <i>Journal of Endocrinological Investigation</i> , 2017, 40, 207-215.	1.8	22
18	An update on platelet-rich plasma (PRP) therapy in endometrium and ovary related infertilities: clinical and molecular aspects. <i>Systems Biology in Reproductive Medicine</i> , 2021, 67, 177-188.	1.0	21

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19	Polymorphisms of DNA repair genes <i>XRCC1</i> and <i>LIG4</i> and idiopathic male infertility. <i>Systems Biology in Reproductive Medicine</i> , 2017, 63, 382-390.	1.0	19
20	The role of sphingosine 1 phosphate in coronary artery disease and ischemia reperfusion injury. <i>Journal of Cellular Physiology</i> , 2019, 234, 2083-2094.	2.0	19
21	Anticancer effect of bacteria on cervical cancer: Molecular aspects and therapeutic implications. <i>Life Sciences</i> , 2020, 246, 117413.	2.0	18
22	Exosomal miRNAs in osteoarthritis. <i>Molecular Biology Reports</i> , 2020, 47, 4737-4748.	1.0	18
23	The Challenges of Recombinant Endostatin in Clinical Application: Focus on the Different Expression Systems and Molecular Bioengineering. <i>Advanced Pharmaceutical Bulletin</i> , 2017, 7, 21-34.	0.6	17
24	Exosome-based intercellular communication in female reproductive microenvironments. <i>Journal of Cellular Physiology</i> , 2019, 234, 19212-19222.	2.0	16
25	Genotype and phenotype frequencies of paraoxonase 1 in fertile and infertile men. <i>Systems Biology in Reproductive Medicine</i> , 2014, 60, 361-366.	1.0	15
26	Effects of dietary omega-3 and -6 supplementations on phospholipid fatty acid composition in mice uterus during window of pre-implantation. <i>Theriogenology</i> , 2018, 108, 97-102.	0.9	15
27	Novel approach for the assessment of ovarian follicles infiltration in polymeric electrospun patterned scaffolds. <i>PLoS ONE</i> , 2019, 14, e0215985.	1.1	14
28	Melatonin as a Therapeutic Agent for the Inhibition of Hypoxia-Induced Tumor Progression: A Description of Possible Mechanisms Involved. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10874.	1.8	14
29	Insights into in vitro spermatogenesis in mammals: Past, present, future. <i>Molecular Reproduction and Development</i> , 2017, 84, 560-575.	1.0	13
30	Prostaglandin E Pathway in Uterine Tissue During Window of Preimplantation in Female Mice Mated With Intact and Seminal Vesicle-Excised Male. <i>Reproductive Sciences</i> , 2018, 25, 550-558.	1.1	13
31	Role of adipokines in the ovarian function: Oogenesis and steroidogenesis. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2021, 209, 105852.	1.2	13
32	Apolipoprotein E genotypes of fertile and infertile men. <i>Systems Biology in Reproductive Medicine</i> , 2012, 58, 263-267.	1.0	12
33	Leptin and leptin-receptor polymorphisms in fertile and infertile men. <i>Systems Biology in Reproductive Medicine</i> , 2017, 63, 7-14.	1.0	12
34	SIRT3-mediated cardiac remodeling/repair following myocardial infarction. <i>Biomedicine and Pharmacotherapy</i> , 2018, 108, 367-373.	2.5	12
35	Tacrolimus Improves the Implantation Rate in Patients with Elevated Th1/2 Helper Cell Ratio and Repeated Implantation Failure (RIF). <i>Geburtshilfe Und Frauenheilkunde</i> , 2020, 80, 851-862.	0.8	12
36	Epithelial-mesenchymal transition process during embryo implantation. <i>Cell and Tissue Research</i> , 2022, 388, 1-17.	1.5	12

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37	Next-generation sequencing approaches for the study of genome and epigenome toxicity induced by sulfur mustard. <i>Archives of Toxicology</i> , 2018, 92, 3443-3457.	1.9	11
38	Cell-based endometrial regeneration: current status and future perspectives. <i>Cell and Tissue Research</i> , 2021, 384, 241-254.	1.5	11
39	Expression of mRNA and protein of IL-18 and its receptor in human follicular granulosa cells. <i>Journal of Endocrinological Investigation</i> , 2017, 40, 447-454.	1.8	10
40	DNA repair mechanisms in response to genotoxicity of warfare agent sulfur mustard. <i>Environmental Toxicology and Pharmacology</i> , 2018, 58, 230-236.	2.0	10
41	Follicular Fluid Levels of Adrenomedullin 2, Vascular Endothelial Growth Factor and its Soluble Receptors Are Associated with Ovarian Response During ART Cycles. <i>Geburtshilfe Und Frauenheilkunde</i> , 2019, 79, 86-93.	0.8	10
42	Endometrial Dating Method Detects Individual Maturation Sequences During the Secretory Phase. <i>In Vivo</i> , 2020, 34, 1951-1963.	0.6	10
43	Hormonal markers as noninvasive predictors of sperm retrieval in non-obstructive azoospermia. <i>Journal of Assisted Reproduction and Genetics</i> , 2021, 38, 2049-2059.	1.2	10
44	Omics in Seminal Plasma: An Effective Strategy for Predicting Sperm Retrieval Outcome in Non-obstructive Azoospermia. <i>Molecular Diagnosis and Therapy</i> , 2021, 25, 315-325.	1.6	10
45	Influence of BHT inclusion on post-thaw attributes of human semen. <i>Systems Biology in Reproductive Medicine</i> , 2015, 61, 57-61.	1.0	9
46	Wnt Signaling Pathway in Uterus of Normal and Seminal Vesicle Excised Mated Mice during Pre-implantation Window. <i>Geburtshilfe Und Frauenheilkunde</i> , 2018, 78, 412-422.	0.8	9
47	microRNAs in the pathogenesis of non-obstructive azoospermia: the underlying mechanisms and therapeutic potentials. <i>Systems Biology in Reproductive Medicine</i> , 2021, 67, 337-353.	1.0	9
48	Dietary omega-3 and -6 fatty acids affect the expression of prostaglandin E2 synthesis enzymes and receptors in mice uteri during the window of pre-implantation. <i>Biochemical and Biophysical Research Communications</i> , 2018, 503, 1754-1760.	1.0	8
49	S100 protein family and embryo implantation. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 19229-19244.	1.2	8
50	The role of cholesterol-enriched diet and paraoxonase 1 inhibition in atherosclerosis progression. <i>Journal of Cardiovascular and Thoracic Research</i> , 2017, 9, 133-139.	0.3	7
51	A closer look at the role of insulin for the regulation of male reproductive function. <i>General and Comparative Endocrinology</i> , 2021, 300, 113643.	0.8	7
52	Toxic effect of light on oocyte and pre-implantation embryo: a systematic review. <i>Archives of Toxicology</i> , 2021, 95, 3161-3169.	1.9	7
53	Effects of pomegranate seed oil and fermented juice polyphenols fraction in different solvents on copper-induced LDL oxidation. <i>CYTA - Journal of Food</i> , 2018, 16, 429-437.	0.9	6
54	Maternal C-reactive protein and in vitro fertilization (IVF) cycles. <i>Journal of Assisted Reproduction and Genetics</i> , 2020, 37, 2635-2641.	1.2	6

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55	Fractalkine and apoptotic/anti-apoptotic markers in granulosa cells of women with polycystic ovarian syndrome. <i>Molecular Biology Reports</i> , 2020, 47, 3593-3603.	1.0	6
56	The Role of G22 A Adenosine Deaminase 1 Gene Polymorphism and the Activities of ADA Isoenzymes in Fertile and Infertile Men. <i>Urology</i> , 2015, 86, 730-734.	0.5	5
57	Optimization of Porcine Ovarian Follicle Isolation Methods for Better Developmental Potential. <i>Tissue Engineering - Part A</i> , 2020, 26, 712-719.	1.6	5
58	Serum transforming growth factor β_2 and leucine-rich α_2 -glycoprotein 1 as potential biomarkers for diagnosis of uterine leiomyomas. <i>Journal of Gynecology Obstetrics and Human Reproduction</i> , 2021, 50, 102037.	0.6	5
59	Fatty acids composition of aorta and saphenous vein tissues in patients with coronary artery diseases. <i>Journal of Cardiovascular and Thoracic Research</i> , 2017, 9, 78-84.	0.3	5
60	Cytokines in embryonic secretome as potential markers for embryo selection. <i>American Journal of Reproductive Immunology</i> , 2021, 85, e13385.	1.2	4
61	Oncostatin M and its receptor in women with polycystic ovary syndrome and association with assisted reproductive technology outcomes. <i>Reproductive Biology</i> , 2022, 22, 100633.	0.9	4
62	Does Anti-Müllerian hormone vary during a menstrual cycle? A systematic review and meta-analysis. <i>Journal of Ovarian Research</i> , 2022, 15, .	1.3	4
63	Endothelins and their receptors in embryo implantation. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 14274-14284.	1.2	3
64	Messenger RNA and protein expression of tumor necrosis factor α and its receptors in human follicular granulosa cells. <i>Journal of Cellular Physiology</i> , 2019, 234, 20240-20248.	2.0	3
65	Role of miRNAs in preimplantation embryo development and their potential as embryo selection biomarkers. <i>Reproduction, Fertility and Development</i> , 2022, , .	0.1	3
66	Endometrial delay is found to be part of a normal individual dynamic transformation process. <i>Archives of Gynecology and Obstetrics</i> , 2021, 304, 1599-1609.	0.8	2
67	Comparison of Medroxyprogesterone Acetate With Cetrotide for Prevention of Premature Luteinizing Hormone Surges in Women Undergoing In Vitro Fertilization. <i>International Journal of Women's Health and Reproduction Sciences</i> , 2018, 6, 187-191.	0.2	2
68	Glutathione peroxidase 3 (extracellular isoform) levels and functional polymorphisms in fertile and infertile men. <i>Middle East Fertility Society Journal</i> , 2021, 26, .	0.5	1
69	Role of adipokines in embryo implantation. <i>Endocrine Connections</i> , 2021, 10, R267-R278.	0.8	1
70	Mating with seminal vesicle-excised male can affect the uterus phospholipid fatty-acids composition during implantation in an experimental mouse model. <i>International Braz J Urol: Official Journal of the Brazilian Society of Urology</i> , 2019, 45, 825-833.	0.7	1
71	Levels of cholesterol, phospholipid and triacylglycerol in subsets of human infertile men spermatozoa isolated by discontinuous PureSperm gradient. <i>Clinical Biochemistry</i> , 2011, 44, S145-S146.	0.8	0
72	Alterations of Uterine Blood Flow During the Follicular Phase in Patients With Recurrent Implantation Failure: A Doppler Ultrasonographic Study. <i>International Journal of Women's Health and Reproduction Sciences</i> , 2021, 9, 217-221.	0.2	0