

# Mohammad-Hossein Nasr-Esfahani

## List of Publications by Year in descending order

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476  
papers

12,622  
citations

41344

49  
h-index

49909

87  
g-index

500  
all docs

500  
docs citations

500  
times ranked

14529  
citing authors

#	ARTICLE	IF	CITATIONS
1	Physical modification approaches to enhance cell supporting potential of poly (vinyl alcohol)-based hydrogels. <i>Journal of Applied Polymer Science</i> , 2022, 139, 51485.	2.6	12
2	Accompaniment of Time-Lapse Parameters and Cumulus Cell RNA-Sequencing in Embryo Evaluation. <i>Reproductive Sciences</i> , 2022, 29, 395-409.	2.5	8
3	Effect of curcumin, and nano-curcumin on sperm function in varicocele rat model. <i>Andrologia</i> , 2022, 54, e14282.	2.1	6
4	Stem cells from human exfoliated deciduous teeth (SHED) have mitochondrial transfer ability in stromal-derived inducing activity (SDIA) co-culture system. <i>Neuroscience Letters</i> , 2022, 769, 136392.	2.1	0
5	In Vitro Study of the Recruitment and Expansion of Mesenchymal Stem Cells at the Interface of a Cu-Doped PCL-Bioglass Scaffold. <i>Biomimetics</i> , 2022, 7, 19.	3.3	7
6	Post-Vasectomy Semen Analysis: Optimizing Laboratory Procedures and Test Interpretation through a Clinical Audit and Global Survey of Practices. <i>World Journal of Men's Health</i> , 2022, 40, 425.	3.3	2
7	Site-specific integration as an efficient method for production of recombinant human hyaluronidase PH20 in semi-adherent cells. <i>Applied Microbiology and Biotechnology</i> , 2022, 106, 1459-1473.	3.6	1
8	Integrated stem cells from apical papilla in a 3D culture system improve human embryonic stem cell derived retinal organoid formation. <i>Life Sciences</i> , 2022, 291, 120273.	4.3	3
9	The Role of Endoplasmic Reticulum and Mitochondria in Maintaining Redox Status and Glycolytic Metabolism in Pluripotent Stem Cells. <i>Stem Cell Reviews and Reports</i> , 2022, 18, 1789-1808.	3.8	5
10	Insulin-Related Liver Pathways and the Therapeutic Effects of Aerobic Training, Green Coffee, and Chlorogenic Acid Supplementation in Prediabetic Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-14.	4.0	5
11	The combination of endurance exercise and SGTC (Salvia-Ginseng-Trigonella-Cinnamon) ameliorate mitochondrial markers overexpression with sufficient ATP production in the skeletal muscle of mice fed AGEs-rich high-fat diet. <i>Nutrition and Metabolism</i> , 2022, 19, 17.	3.0	8
12	Monitoring the induction of ferroptosis following dissociation in human embryonic stem cells. <i>Journal of Biological Chemistry</i> , 2022, 298, 101855.	3.4	7
13	Reactive Oxygen Species and Their Consequences on the Structure and Function of Mammalian Spermatozoa. <i>Antioxidants and Redox Signaling</i> , 2022, 37, 481-500.	5.4	12
14	Scaffold free retinal pigment epithelium sheet engineering using modified alginate-RGD hydrogel. <i>Journal of Bioscience and Bioengineering</i> , 2022, 133, 579-586.	2.2	5
15	Sequential IVM by CNP preincubation and cooperating of PGE2 with AREG enhances developmental competence of SCNT reconstructs in goat. <i>Scientific Reports</i> , 2022, 12, 4243.	3.3	6
16	Antiapoptotic and anti-inflammatory effects of PPAR $\beta$ agonist, pioglitazone, reversed Dox-induced cardiotoxicity through mediating of miR-130a downregulation in C57BL/6 mice. <i>Journal of Biochemical and Molecular Toxicology</i> , 2022, 36, e23041.	3.0	4
17	MiR-141-3p Expression Profiling in MPP Treated Differentiated SH-SY5Y Cells: A Model of Parkinson's Disease. <i>Neurochemical Journal</i> , 2022, 16, 92-98.	0.5	0
18	The Impact of Two Embryo Culture Media, Synthetic Oviduct Fluid and Commercial BO, on pre-and post-Implantation Development of Cloned SAANEN Goat Embryos.. <i>International Journal of Fertility &amp; Sterility</i> , 2022, 16, 23-29.	0.2	1

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19	MACS-DGC versus DGC Sperm Wash Procedure: Comparing Clinical Outcomes in Couples with Male Factor Infertility Undergoing ICSI: A Clinical Trial Study.. International Journal of Fertility & Sterility, 2022, 16, 17-22.	0.2	0
20	The NLRP3 inflammasome: molecular activation and regulation in spermatogenesis and male infertility; a systematic review. Basic and Clinical Andrology, 2022, 32, .	1.9	8
21	Potential neuroprotective effect of stem cells from apical papilla derived extracellular vesicles enriched by lab-on-chip approach during retinal degeneration. Cellular and Molecular Life Sciences, 2022, 79, .	5.4	4
22	Vitamin D and calcium, together and separately, play roles in female reproductive performance. Scientific Reports, 2022, 12, .	3.3	6
23	Both high-intensity interval training and low-intensity endurance training decrease intrahepatic lipid deposits via alterations of the expression of HIF-1 $\alpha$ , HIG2 in a murine model of non alcoholic fatty liver disease (NAFLD). Science and Sports, 2021, 36, 120-128.	0.5	5
24	An in vivo evaluation of induced chondrogenesis by decellularized extracellular matrix particles. Journal of Biomedical Materials Research - Part A, 2021, 109, 627-636.	4.0	8
25	Varicocele and oxidative stress: New perspectives from animal and human studies. Andrology, 2021, 9, 546-558.	3.5	22
26	Effect of rosiglitazone on developmental competence of mouse embryos treated with lipopolysaccharide. Theriogenology, 2021, 161, 57-64.	2.1	2
27	A combination of herbal compound (SPTC) along with exercise or metformin more efficiently alleviated diabetic complications through down-regulation of stress oxidative pathway upon activating Nrf2-Keap1 axis in AGE rich diet-induced type 2 diabetic mice. Nutrition and Metabolism, 2021, 18, 14.	3.0	19
28	Ferulago angulata extract improves the quality of buck spermatozoa post-thaw and counteracts the harmful effects of diazinon and lead. Cryobiology, 2021, 98, 17-24.	0.7	4
29	Increased expression of MUSASH1 in epithelial breast cancer cells is due to down regulation of miR-125b. BMC Molecular and Cell Biology, 2021, 22, 10.	2.0	4
30	Do neprilysin inhibitors walk the line? Heart ameliorative but brain threatening!. European Journal of Pharmacology, 2021, 894, 173851.	3.5	17
31	Association of heat shock protein A2 expression and sperm quality after N-acetylcysteine supplementation in asthenozoospermic infertile men. Andrologia, 2021, 53, e14024.	2.1	6
32	Fndc5 knockdown significantly decreased the expression of neurotrophins and their respective receptors during neural differentiation of mouse embryonic stem cells. Human Cell, 2021, 34, 847-861.	2.7	3
33	Deferasirox, an Iron-Chelating Agent, Improves Testicular Morphometric and Sperm Functional Parameters in a Rat Model of Varicocele. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-17.	4.0	5
34	Chitosan/polycaprolactone multilayer hydrogel: A sustained Kartogenin delivery model for cartilage regeneration. International Journal of Biological Macromolecules, 2021, 177, 589-600.	7.5	39
35	Bee Venom-Derived BBB Shuttle and its Correlation with Oligodendrocyte Proliferation Markers in Mice Model of Multiple Sclerosis. Neurotoxicity Research, 2021, 39, 1181-1188.	2.7	8
36	Is ferroptosis involved in ROS-induced testicular lesions in a varicocele rat model?. Basic and Clinical Andrology, 2021, 31, 10.	1.9	8

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37	Sperm chromatin integrity in a man with macrocephaly syndrome. <i>Andrologia</i> , 2021, 53, e14100.	2.1	1
38	Compound heterozygous p. Arg949Trp and p. Gly970Ala mutations deteriorated the function of PEX1p: A study on PEX1 in a patient with Zellweger syndrome. <i>Journal of Cellular Biochemistry</i> , 2021, 122, 1229-1238.	2.6	0
39	A report of pregnancy following ICSI in one of two sisters with familial primary ciliary dyskinesia. <i>Andrologia</i> , 2021, 53, e14080.	2.1	2
40	MiRâ€193b deregulation is associated with Parkinson's disease. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 6348-6360.	3.6	15
41	The role of PGS/PCL scaffolds in promoting differentiation of human embryonic stem cells into retinal ganglion cells. <i>Acta Biomaterialia</i> , 2021, 126, 238-248.	8.3	14
42	Improving germline transmission efficiency in chimeric chickens using a multi-stage injection approach. <i>PLoS ONE</i> , 2021, 16, e0247471.	2.5	0
43	Mechanobiology of Dental Pulp Stem Cells at the Interface of Aqueous-Based Fabricated ZIF8 Thin Film. <i>ACS Applied Bio Materials</i> , 2021, 4, 4885-4895.	4.6	1
44	AC electrokinetic isolation and detection of extracellular vesicles from dental pulp stem cells: Theoretical simulation incorporating fluid mechanics. <i>Electrophoresis</i> , 2021, 42, 2018-2026.	2.4	2
45	Transcriptional drug repositioning and cheminformatics approach for differentiation therapy of leukaemia cells. <i>Scientific Reports</i> , 2021, 11, 12537.	3.3	6
46	Single-blind clinical trial: Sperm selection based on capacity to pass through cumulus oophorous column improves ICSI outcomes. <i>Andrology</i> , 2021, 9, 1560-1570.	3.5	3
47	Assessment of MUSASHI 1 and MUSASHI 2 expression in spermatozoa and testicular tissue. <i>Andrologia</i> , 2021, 53, e14187.	2.1	2
48	Dietary Fatty Acid Intakes and the Outcomes of Assisted Reproductive Technique in Infertile Women. <i>Journal of Reproduction and Infertility</i> , 2021, 22, 173-183.	1.0	6
49	Modulation and bioinformatics screening of hepatic mRNA-lncRNAs (HML) network associated with insulin resistance in prediabetic and exercised mice. <i>Nutrition and Metabolism</i> , 2021, 18, 75.	3.0	7
50	Chemical stabilization of Î³-polyglutamate by chitosan and the effect of co-solvents on the stability. <i>Biophysical Chemistry</i> , 2021, 275, 106605.	2.8	8
51	Construction and characterization of EGFP reporter plasmid harboring putative human RAX promoter for in vitro monitoring of retinal progenitor cells identity. <i>BMC Molecular and Cell Biology</i> , 2021, 22, 40.	2.0	2
52	Anti-inflammatory and -apoptotic effects of a long-term herbal extract treatment on DSS-induced colitis in mice fed with high AGEs-fat diet. <i>Nutrition and Metabolism</i> , 2021, 18, 77.	3.0	7
53	Analysis of leukocyte and sperm telomere length in oligozoospermic men. <i>Andrologia</i> , 2021, 53, e14204.	2.1	12
54	Aerobic exercise modulates noncoding RNA network upstream of FNDC5 in the Gastrocnemius muscle of high-fat-diet-induced obese mice. <i>Journal of Physiology and Biochemistry</i> , 2021, 77, 589-600.	3.0	1

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55	Smart co-delivery of miR-34a and cytotoxic peptides (LTX-315 and melittin) by chitosan based polyelectrolyte nanocarriers for specific cancer cell death induction. <i>Materials Science and Engineering C</i> , 2021, 128, 112258.	7.3	22
56	Steroid receptor RNA activator gene footprint in the progression and drug resistance of colorectal cancer through oxidative phosphorylation pathway. <i>Life Sciences</i> , 2021, 285, 119950.	4.3	8
57	Apoptotic M540 bodies present in human semen interfere with flow cytometry-assisted assessment of sperm DNA fragmentation and oxidation. <i>Basic and Clinical Andrology</i> , 2021, 31, 23.	1.9	1
58	Qur'anic Views on Human Cloning (I): Doctrinal and Theological Evidences. <i>International Journal of Fertility &amp; Sterility</i> , 2021, 15, 73-79.	0.2	0
59	Assessment of Atg7 and LC3II/LC3, as The Markers of Autophagy, in Sperm of Infertile Men with Globozoospermia: A Case-Control Study. <i>Cell Journal</i> , 2021, 23, 70-74.	0.2	1
60	Effect of Low-Intensity Endurance Training and High-Intensity Interval Training on Sperm Quality in Male Rats with Fatty Liver. <i>International Journal of Fertility &amp; Sterility</i> , 2021, 15, 141-147.	0.2	0
61	Alpha-Lipoic Acid Can Overcome The Reduced Developmental Competency Induced by Alcohol Toxicity during Ovine Oocyte Maturation. <i>Cell Journal</i> , 2021, 23, 164-173.	0.2	1
62	Effect of Different High-Fat and Advanced Glycation End-Products Diets in Obesity and Diabetes-Prone C57BL/6 Mice on Sperm Function. <i>International Journal of Fertility &amp; Sterility</i> , 2021, 15, 226-233.	0.2	2
63	Isolation and Differentiation of Adipose-Derived Stem Cells into Odontoblast-Like Cells: A Preliminary. <i>Cell Journal</i> , 2021, 23, 288-293.	0.2	0
64	Increased de novo DNA Methylation Enzymes in Sperm of Individuals with Varicocele. <i>Cell Journal</i> , 2021, 23, 389-396.	0.2	1
65	Possible Male Reproduction Complications after Coronavirus Pandemic. <i>Cell Journal</i> , 2021, 23, 382-388.	0.2	4
66	Evaluation of Sperm and Morphometric Parameters of Testicular Tissue Following Curcumin Administration in Rats After Varicocele Induction. <i>Majallah-i Dānishgāh-i I'Ulūm-i Pizishkā-i Qum</i> , 2021, 15, 284-295.	0.2	1
67	Efficient Modified-mRNA Transfection in Neural Stem Cells. <i>Physiology and Pharmacology</i> , 2021, .	0.2	1
68	Pre-Implantation Genetic Testing for Monogenic Disorders (PGT-M) in A Family with A Novel Mutation in Gene. <i>Cell Journal</i> , 2021, 23, 593-597.	0.2	0
69	Increased de novo DNA Methylation Enzymes in Sperm of Individuals with Varicocele.. <i>Cell Journal</i> , 2021, 23, 722.	0.2	0
70	Female Reproductive Health in SARS-CoV-2 Pandemic Era.. <i>International Journal of Fertility &amp; Sterility</i> , 2021, 15, 241-245.	0.2	0
71	Potential Biomarker and Therapeutic LncRNAs in Multiple Sclerosis Through Targeting Memory B Cells. <i>NeuroMolecular Medicine</i> , 2020, 22, 111-120.	3.4	18
72	Effect of recombinant Î²â€defensin 1 protein on human sperm motility and viability. <i>Andrologia</i> , 2020, 52, e13455.	2.1	8

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73	Tissue engineering of retina through high resolution 3-dimensional inkjet bioprinting. <i>Biofabrication</i> , 2020, 12, 025006.	7.1	59
74	Fabrication, characterization and cytocompatibility assessment of gelatin nanofibers coated with a polymer thin film by initiated chemical vapor deposition. <i>Materials Science and Engineering C</i> , 2020, 110, 110623.	7.3	14
75	The alteration of PLC $\zeta$ protein expression in unexplained infertile and asthenoteratozoospermic patients: A potential effect on sperm fertilization ability. <i>Molecular Reproduction and Development</i> , 2020, 87, 115-123.	2.0	18
76	The attenuation of the toxic effects of LPS on mouse pre-implantation development by alpha-lipoic acid. <i>Theriogenology</i> , 2020, 143, 139-147.	2.1	14
77	Could analysis of testis-specific genes, as biomarkers in seminal plasma, predict presence of focal spermatogenesis in non-obstructive azoospermia?. <i>Andrologia</i> , 2020, 52, e13483.	2.1	12
78	<i>Ferulago angulata</i> extract ameliorates epididymal sperm toxicity in mice induced by lead and diazinon. <i>Andrology</i> , 2020, 8, 706-718.	3.5	8
79	Receptor for Advanced Glycation End Products Acts as a Fuel to Colorectal Cancer Development. <i>Frontiers in Oncology</i> , 2020, 10, 552283.	2.8	38
80	Alpha-lipoic acid improves sperm motility in infertile men after varicocelectomy: a triple-blind randomized controlled trial. <i>Reproductive BioMedicine Online</i> , 2020, 41, 1084-1091.	2.4	26
81	Full small molecule conversion of human fibroblasts to neuroectodermal cells via a cocktail of Dorsomorphin and Trichostatin A. <i>Regenerative Therapy</i> , 2020, 15, 44-52.	3.0	3
82	Effects of abundances of OCT-4 mRNA transcript on goat pre-implantation embryonic development. <i>Animal Reproduction Science</i> , 2020, 215, 106286.	1.5	3
83	Endoplasmic Reticulum Stress (ER Stress) and Unfolded Protein Response (UPR) Occur in a Rat Varicocele Testis Model. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-11.	4.0	20
84	Poly(Caprolactone)-Poly( N -isopropyl Acrylamide)-Fe 3 O 4 Magnetic Nanofibrous Structure with Stimuli Responsive Drug Release. <i>Macromolecular Materials and Engineering</i> , 2020, 305, 2000208.	3.6	4
85	Effects of ovary storage temperature and embryo vitrification on somatic cell nuclear transfer outcomes in goats. <i>Reproduction, Fertility and Development</i> , 2020, 32, 419.	0.4	9
86	Upregulation of miR-9 and miR-193b over human Th17 cell differentiation. <i>Molecular Genetics &amp; Genomic Medicine</i> , 2020, 8, e1538.	1.2	5
87	Transcript Isoforms of SLC7A11-AS1 Are Associated With Varicocele-Related Male Infertility. <i>Frontiers in Genetics</i> , 2020, 11, 1015.	2.3	11
88	Capsaicin improves sperm quality in rats with experimental varicocele. <i>Andrologia</i> , 2020, 52, e13762.	2.1	6
89	Could high DNA stainability (HDS) be a valuable indicator of sperm nuclear integrity?. <i>Basic and Clinical Andrology</i> , 2020, 30, 12.	1.9	19
90	&lt;p&gt;ZIF-8 Modified Polypropylene Membrane: A Biomimetic Cell Culture Platform with a View to the Improvement of Guided Bone Regeneration&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 10029-10043.	6.7	26

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91	Design of hydrogel-based scaffolds for the treatment of spinal cord injuries. <i>Journal of Materials Chemistry B</i> , 2020, 8, 10712-10738.	5.8	37
92	Impact of vitamin D deficiency on mouse sperm structure and function. <i>Andrology</i> , 2020, 8, 1442-1455.	3.5	10
93	Hypoxia-related long noncoding RNAs are associated with varicocele-related male infertility. <i>PLoS ONE</i> , 2020, 15, e0232357.	2.5	25
94	Development of a Highly Proliferated Bilayer Coating on 316L Stainless Steel Implants. <i>Polymers</i> , 2020, 12, 1022.	4.5	41
95	Electroconductive Graphene-Containing Polymeric Patch: A Promising Platform for Future Cardiac Repair. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 4214-4224.	5.2	33
96	Intracellular functions of RNA-binding protein, Musashi1, in stem and cancer cells. <i>Stem Cell Research and Therapy</i> , 2020, 11, 193.	5.5	23
97	siRNA inhibition and not chemical inhibition of Suv39h1/2 enhances pre-implantation embryonic development of bovine somatic cell nuclear transfer embryos. <i>PLoS ONE</i> , 2020, 15, e0233880.	2.5	5
98	Expression of RXFP2 receptor on human spermatozoa and the anti-apoptotic and antioxidant effects of insulin-like factor 3. <i>Andrologia</i> , 2020, 52, e13715.	2.1	2
99	Granulosa secreted factors improve the developmental competence of cumulus oocyte complexes from small antral follicles in sheep. <i>PLoS ONE</i> , 2020, 15, e0229043.	2.5	17
100	Relationship between sperm telomere length and sperm quality in infertile men. <i>Andrologia</i> , 2020, 52, e13546.	2.1	34
101	Induced DNA hypomethylation by Folic Acid Deprivation in Bovine Fibroblast Donor Cells Improves Reprogramming of Somatic Cell Nuclear Transfer Embryos. <i>Scientific Reports</i> , 2020, 10, 5076.	3.3	5
102	Improving pulp revascularization outcomes with buccal fat autotransplantation. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2020, 14, 1227-1235.	2.7	7
103	Pre-implantation genetic diagnosis in an Iranian family with a novel mutation in MUT gene. <i>BMC Medical Genetics</i> , 2020, 21, 22.	2.1	4
104	Suppressive role of <i>Viola odorata</i> extract on malignant characters of mammosphere-derived breast cancer stem cells. <i>Clinical and Translational Oncology</i> , 2020, 22, 1619-1634.	2.4	17
105	Positive effects of conjugated linoleic acid (CLA) on the PGC1- $\alpha$ expression under the inflammatory conditions induced by TNF- $\alpha$ in the C2C12 cell line. <i>Gene</i> , 2020, 735, 144394.	2.2	12
106	Modified level of miR-376a is associated with Parkinson's disease. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 2622-2634.	3.6	26
107	Signs of ROS-Associated Autophagy in Testis and Sperm in a Rat Model of Varicocele. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-11.	4.0	22
108	Mechanistic Pathways of Malignancy in Breast Cancer Stem Cells. <i>Frontiers in Oncology</i> , 2020, 10, 452.	2.8	37

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109	New insights into the cellular activities of Fndc5/Irisin and its signaling pathways. <i>Cell and Bioscience</i> , 2020, 10, 51.	4.8	80
110	Vitamin D3 affects mitochondrial biogenesis through mitogen-activated protein kinase in polycystic ovary syndrome mouse model. <i>Journal of Cellular Physiology</i> , 2020, 235, 6113-6126.	4.1	14
111	Role of non-coding RNAs as novel biomarkers for detection of colorectal cancer progression through interaction with the cell signaling pathways. <i>Gene</i> , 2020, 753, 144796.	2.2	28
112	A compound downregulation of SRRM2 and miR-27a-3p with upregulation of miR-27b-3p in PBMCs of Parkinson's patients is associated with the early stage onset of disease. <i>PLoS ONE</i> , 2020, 15, e0240855.	2.5	18
113	Cytotoxicity Evaluation of The Bioresorbable and Titanium Plates/Screws Used in Maxillofacial Surgery on Gingival Fibroblasts and Human Mesenchymal Bone Marrow Stem Cells. <i>Cell Journal</i> , 2020, 22, 310-318.	0.2	3
114	The Effect of N-Acetyl-Cysteine on Antioxidant Gene Expression in Asthenoteratozoospermia Men: A Clinical Trial Study. <i>International Journal of Fertility &amp; Sterility</i> , 2020, 14, 171-175.	0.2	12
115	The Effect of Lycopene Supplementation on Mood Status and Quality of Life in Infertile Men: A Randomized, Double-Blind, Placebo-Controlled Clinical Trial. <i>International Journal of Fertility &amp; Sterility</i> , 2020, 14, 17-22.	0.2	3
116	Effect of Vitamin D3 on Mitochondrial Biogenesis in Granulosa Cells Derived from Polycystic Ovary Syndrome. <i>International Journal of Fertility &amp; Sterility</i> , 2020, 14, 143-149.	0.2	9
117	Micronutrients in Support to The Carbon Cycle Activate Antioxidant Defences and Reduce Sperm DNA Damage in Infertile Men Attending Assisted Reproductive Technology Programs: Clinical Trial Study. <i>International Journal of Fertility &amp; Sterility</i> , 2020, 14, 57-62.	0.2	5
118	Construction of a Novel, Dual, Self-Replicating Minicircle; an Efficient Tool in Transdifferentiation. <i>Cytotherapy</i> , 2020, 22, S23.	0.7	1
119	Effect of alpha-lipoic acid antioxidant on sperm parameters and treatment of infertile men. <i>Medical Sciences Journal</i> , 2020, 30, 16-24.	0.0	0
120	DGC/Zeta as A New Strategy to Improve Clinical Outcome in Male Factor Infertility Patients following Intracytoplasmic Sperm Injection: A Randomized, Single-Blind, Clinical Trial. <i>Cell Journal</i> , 2020, 22, 55-59.	0.2	2
121	Relationship between Sperm Parameters with Sperm Function Tests in Infertile Men with at Least One Failed Cycle after Intracytoplasmic Sperm Injection Cycle. <i>International Journal of Fertility &amp; Sterility</i> , 2020, 13, 324-329.	0.2	3
122	Title is missing!. , 2020, 15, e0229043.		0
123	Title is missing!. , 2020, 15, e0229043.		0
124	Title is missing!. , 2020, 15, e0229043.		0
125	Title is missing!. , 2020, 15, e0229043.		0
126	Title is missing!. , 2020, 15, e0229043.		0



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127	Title is missing!. , 2020, 15, e0229043.		0
128	Optical biosensing of Streptococcus agalactiae based on core/shell magnetic nanoparticle-quantum dot. Analytical and Bioanalytical Chemistry, 2019, 411, 6733-6743.	3.7	11
129	Characterization of the stemness potency of <i>mammospheres</i> isolated from the breast cancer cell lines. Tumor Biology, 2019, 41, 101042831986910.	1.8	38
130	Mesoporous bioactive glasses for the combined application of osteosarcoma treatment and bone regeneration. Materials Science and Engineering C, 2019, 104, 109994.	7.3	35
131	Equine adipose mesenchymal stem cells (eq-ASCs) appear to have higher potential for migration and musculoskeletal differentiation. Research in Veterinary Science, 2019, 125, 235-243.	1.9	7
132	Piebaldism: An Iranian case report carrying minor allele at rs999020 and rs1008658 SNPs of KIT gene. Gene Reports, 2019, 17, 100544.	0.8	0
133	The effect of vitamin E & vitamin B on sperm function in rat varicocele model. Andrologia, 2019, 51, e13429.	2.1	12
134	The effects of lycopene supplement on the spermatogram and seminal oxidative stress in infertile men: A randomized, double-blind, placebo-controlled clinical trial. Phytotherapy Research, 2019, 33, 3203-3211.	5.8	28
135	Inside Cover Image, Volume 234, Number 12, December 2019. Journal of Cellular Physiology, 2019, 234, ii.	4.1	0
136	Expression Profiling of Blood microRNAs 885, 361, and 17 in the Patients with the Parkinson's disease: Integrating Interaction Data to Uncover the Possible Triggering Age-Related Mechanisms. Scientific Reports, 2019, 9, 13759.	3.3	21
137	Selective chemotherapy and imaging of colorectal and breast cancer cells by a modified MUC-1 aptamer conjugated to a poly(ethylene glycol)-dimethacrylate coated Fe <sub>3</sub> O <sub>4</sub> -AuNCs nanocomposite. New Journal of Chemistry, 2019, 43, 238-248.	2.8	21
138	Upregulation of miR-200a and miR-204 in MPP-treated differentiated PC12 cells as a model of Parkinson's disease. Molecular Genetics & Genomic Medicine, 2019, 7, e548.	1.2	24
139	Alpha-lipoic acid minimises reactive oxygen species-induced damages during sperm processing. Andrologia, 2019, 51, e13314.	2.1	23
140	LncRNAs associated with multiple sclerosis expressed in the Th1 cell lineage. Journal of Cellular Physiology, 2019, 234, 22153-22162.	4.1	16
141	Supplementation of maturation medium with CoQ10 enhances developmental competence of ovine oocytes through improvement of mitochondrial function. Molecular Reproduction and Development, 2019, 86, 812-824.	2.0	23
142	Zeta method: A noninvasive method based on membrane charge for selecting spermatozoa expressing high level of phospholipase C $\eta$ . Andrologia, 2019, 51, e13249.	2.1	13
143	Stabilizing osmolytes' effects on the structure, stability and function of tc-tenecteplase: A one peptide bond digested form of tenecteplase. International Journal of Biological Macromolecules, 2019, 130, 863-877.	7.5	4
144	Reduced sperm telomere length in individuals with varicocele is associated with reduced genomic integrity. Scientific Reports, 2019, 9, 4336.	3.3	33

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145	Effect of aerobic exercise, low-fat and high-fat diet on the testis tissue and sperm parameters in obese and nonobese mice model. <i>Andrologia</i> , 2019, 51, e13273.	2.1	19
146	Effects of N-acetyl-cysteine supplementation on sperm quality, chromatin integrity and level of oxidative stress in infertile men. <i>Reproductive Biology and Endocrinology</i> , 2019, 17, 24.	3.3	96
147	An engineered analog of insulin-like growth factor 1 with reduced immunogenicity and retained mitogenicity. <i>Biochemical Engineering Journal</i> , 2019, 145, 98-108.	3.6	1
148	Alpha lipoic acid reverses the negative effect of LPS on mouse spermatozoa and developmental competence of resultant embryos in vitro. <i>Andrology</i> , 2019, 7, 350-356.	3.5	12
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#	ARTICLE	IF	CITATIONS
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399	Mechanism of Human Oocyte Activation During ICSI and Methodology for Overcoming Low or Failed Fertilization. , 2012, , 321-326.		1
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434	The Thickness of Electrospun Poly ( $\hat{\mu}$ -Caprolactone) Nanofibrous Scaffolds Influences Cell Proliferation. <i>International Journal of Artificial Organs</i> , 2009, 32, 150-158.	1.4	38
435	Neural Induction in Mouse Embryonic Stem Cells by Co-Culturing With Chicken Somites. <i>Stem Cells and Development</i> , 2009, 18, 1351-1360.	2.1	12
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