

# Mohammad-Hossein Nasr-Esfahani

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

464  
papers

9,372  
citations

43  
h-index

78  
g-index

487  
ext. papers

10,857  
ext. citations

3.2  
avg, IF

6.48  
L-index

#	Paper	IF	Citations
464	Site-specific integration as an efficient method for production of recombinant human hyaluronidase PH20 in semi-adherent cells.. <i>Applied Microbiology and Biotechnology</i> , <b>2022</b> , 106, 1459	5.7	0
463	Integrated stem cells from apical papilla in a 3D culture system improve human embryonic stem cell derived retinal organoid formation.. <i>Life Sciences</i> , <b>2022</b> , 291, 120273	6.8	0
462	Physical modification approaches to enhance cell supporting potential of poly (vinyl alcohol)-based hydrogels. <i>Journal of Applied Polymer Science</i> , <b>2022</b> , 139, 51485	2.9	4
461	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> , <b>2022</b> , 2022, 1-14	6.7	1
460	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> , <b>2022</b> , 19, 17	4.6	0
459	Monitoring the induction of ferroptosis following dissociation in human embryonic stem cells.. <i>Journal of Biological Chemistry</i> , <b>2022</b> , 101855	5.4	1
458	Sequential IVM by CNP preincubation and cooperating of PGE2 with AREG enhances developmental competence of SCNT reconstructs in goat.. <i>Scientific Reports</i> , <b>2022</b> , 12, 4243	4.9	1
457	Antiapoptotic and anti-inflammatory effects of Ppar $\alpha$ agonist, pioglitazone, reversed Dox-induced cardiotoxicity through mediating of miR-130a downregulation in C57BL/6 mice.. <i>Journal of Biochemical and Molecular Toxicology</i> , <b>2022</b> , e23041	3.4	0
456	MiR-141-3p Expression Profiling in MPP Treated Differentiated SH-SY5Y Cells: A Model of Parkinson's Disease. <i>Neurochemical Journal</i> , <b>2022</b> , 16, 92-98	0.5	0
455	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> , <b>2022</b> , 16, 23-29	1.9	0
454	MACS-DGC versus DGC Sperm Wash Procedure: Comparing Clinical Outcomes in Couples with Male Factor Infertility Undergoing ICSI: A Clinical Trial Study.. <i>International Journal of Fertility &amp; Sterility</i> , <b>2022</b> , 16, 17-22	1.9	0
453	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> , <b>2021</b> , 769, 136392	3.3	0
452	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> , <b>2021</b> , 31, 23	2.8	1
451	Qur'anic Views on Human Cloning (I): Doctrinal and Theological Evidences. <i>International Journal of Fertility &amp; Sterility</i> , <b>2021</b> , 15, 73-79	1.9	0
450	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> , <b>2021</b> , 23, 70-74	2.4	0
449	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> , <b>2021</b> , 15, 141-147	1.9	0
448	Alpha-Lipoic Acid Can Overcome The Reduced Developmental Competency Induced by Alcohol Toxicity during Ovine Oocyte Maturation. <i>Cell Journal</i> , <b>2021</b> , 23, 164-173	2.4	1

447	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> , <b>2021</b> , 15, 226-233	1.9	2
446	Isolation and Differentiation of Adipose-Derived Stem Cells into Odontoblast-Like Cells: A Preliminary. <i>Cell Journal</i> , <b>2021</b> , 23, 288-293	2.4	
445	Increased de novo DNA Methylation Enzymes in Sperm of Individuals with Varicocele. <i>Cell Journal</i> , <b>2021</b> , 23, 389-396	2.4	1
444	Possible Male Reproduction Complications after Coronavirus Pandemic. <i>Cell Journal</i> , <b>2021</b> , 23, 382-388	2.4	1
443	Effect of curcumin, and nano-curcumin on sperm function in varicocele rat model. <i>Andrologia</i> , <b>2021</b> , e14282		1
442	Accompaniment of Time-Lapse Parameters and Cumulus Cell RNA-Sequencing in Embryo Evaluation. <i>Reproductive Sciences</i> , <b>2021</b> , 1	3	1
441	Association of heat shock protein A2 expression and sperm quality after N-acetyl-cysteine supplementation in astheno-terato-zoospermic infertile men. <i>Andrologia</i> , <b>2021</b> , 53, e14024	2.4	2
440	Fndc5 knockdown significantly decreased the expression of neurotrophins and their respective receptors during neural differentiation of mouse embryonic stem cells. <i>Human Cell</i> , <b>2021</b> , 34, 847-861	4.5	0
439	Deferasirox, an Iron-Chelating Agent, Improves Testicular Morphometric and Sperm Functional Parameters in a Rat Model of Varicocele. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2021</b> , 2021, 6698482	6.7	1
438	Chitosan/polycaprolactone multilayer hydrogel: A sustained Kartogenin delivery model for cartilage regeneration. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 177, 589-600	7.9	16
437	Bee Venom-Derived BBB Shuttle and its Correlation with Oligodendrocyte Proliferation Markers in Mice Model of Multiple Sclerosis. <i>Neurotoxicity Research</i> , <b>2021</b> , 39, 1181-1188	4.3	2
436	Is ferroptosis involved in ROS-induced testicular lesions in a varicocele rat model?. <i>Basic and Clinical Andrology</i> , <b>2021</b> , 31, 10	2.8	1
435	Sperm chromatin integrity in a man with macrocephaly syndrome. <i>Andrologia</i> , <b>2021</b> , 53, e14100	2.4	1
434	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> , <b>2021</b> , 122, 1229	4.7	
433	A report of pregnancy following ICSI in one of two sisters with familial primary ciliary dyskinesia. <i>Andrologia</i> , <b>2021</b> , 53, e14080	2.4	0
432	MiR-193b deregulation is associated with Parkinson's disease. <i>Journal of Cellular and Molecular Medicine</i> , <b>2021</b> , 25, 6348	5.6	5
431	The role of PGS/PCL scaffolds in promoting differentiation of human embryonic stem cells into retinal ganglion cells. <i>Acta Biomaterialia</i> , <b>2021</b> , 126, 238-248	10.8	5
430	Improving germline transmission efficiency in chimeric chickens using a multi-stage injection approach. <i>PLoS ONE</i> , <b>2021</b> , 16, e0247471	3.7	

429	Mechanobiology of Dental Pulp Stem Cells at the Interface of Aqueous-Based Fabricated ZIF8 Thin Film.. <i>ACS Applied Bio Materials</i> , <b>2021</b> , 4, 4885-4895	4.1	0
428	AC electrokinetic isolation and detection of extracellular vesicles from dental pulp stem cells: Theoretical simulation incorporating fluid mechanics. <i>Electrophoresis</i> , <b>2021</b> , 42, 2018-2026	3.6	0
427	Transcriptional drug repositioning and cheminformatics approach for differentiation therapy of leukaemia cells. <i>Scientific Reports</i> , <b>2021</b> , 11, 12537	4.9	2
426	Single-blind clinical trial: Sperm selection based on capacity to pass through cumulus oophorous column improves ICSI outcomes. <i>Andrology</i> , <b>2021</b> , 9, 1560-1570	4.2	1
425	Assessment of MUSASHI 1 and MUSASHI 2 expression in spermatozoa and testicular tissue. <i>Andrologia</i> , <b>2021</b> , 53, e14187	2.4	1
424	Both high-intensity interval training and low-intensity endurance training decrease intrahepatic lipid deposits via alterations of the expression of HIF-1 $\beta$ HIG2 in a murine model of non alcoholic fatty liver disease (NAFLD). <i>Science and Sports</i> , <b>2021</b> , 36, 120-128	0.8	4
423	An in vivo evaluation of induced chondrogenesis by decellularized extracellular matrix particles. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2021</b> , 109, 627-636	5.4	4
422	Varicocele and oxidative stress: New perspectives from animal and human studies. <i>Andrology</i> , <b>2021</b> , 9, 546-558	4.2	10
421	Effect of rosiglitazone on developmental competence of mouse embryos treated with lipopolysaccharide. <i>Theriogenology</i> , <b>2021</b> , 161, 57-64	2.8	2
420	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. <i>Nutrition and Metabolism</i> , <b>2021</b> , 18, 14	4.6	7
419	Ferulago angulata extract improves the quality of buck spermatozoa post-thaw and counteracts the harmful effects of diazinon and lead. <i>Cryobiology</i> , <b>2021</b> , 98, 17-24	2.7	2
418	Increased expression of MUSASHI1 in epithelial breast cancer cells is due to down regulation of miR-125b. <i>BMC Molecular and Cell Biology</i> , <b>2021</b> , 22, 10	2.7	1
417	Do neprilysin inhibitors walk the line? Heart ameliorative but brain threatening!. <i>European Journal of Pharmacology</i> , <b>2021</b> , 894, 173851	5.3	5
416	Dietary Fatty Acid Intakes and the Outcomes of Assisted Reproductive Technique in Infertile Women.. <i>Journal of Reproduction and Infertility</i> , <b>2021</b> , 22, 173-183	1.5	2
415	Modulation and bioinformatics screening of hepatic mRNA-lncRNAs (HML) network associated with insulin resistance in prediabetic and exercised mice. <i>Nutrition and Metabolism</i> , <b>2021</b> , 18, 75	4.6	1
414	Chemical stabilization of $\beta$ polyglutamate by chitosan and the effect of co-solvents on the stability. <i>Biophysical Chemistry</i> , <b>2021</b> , 275, 106605	3.5	4
413	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> , <b>2021</b> , 22, 40	2.7	1
412	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> , <b>2021</b> , 18, 77	4.6	1

411	Analysis of leukocyte and sperm telomere length in oligozoospermic men. <i>Andrologia</i> , <b>2021</b> , 53, e14204	2.4	1
410	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> , <b>2021</b> , 77, 589-600	5	1
409	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> , <b>2021</b> , 128, 112258	8.3	5
408	Steroid receptor RNA activator gene footprint in the progression and drug resistance of colorectal cancer through oxidative phosphorylation pathway. <i>Life Sciences</i> , <b>2021</b> , 285, 119950	6.8	0
407	Reactive oxygen species and their consequences on the structure and function of mammalian spermatozoa.. <i>Antioxidants and Redox Signaling</i> , <b>2021</b> ,	8.4	1
406	Efficient Modified-mRNA Transfection in Neural Stem Cells. <i>Physiology and Pharmacology</i> , <b>2021</b> , 0-0	3.5	
405	Pre-Implantation Genetic Testing for Monogenic Disorders (PGT-M) in A Family with A Novel Mutation in Gene. <i>Cell Journal</i> , <b>2021</b> , 23, 593-597	2.4	
404	Increased de novo DNA Methylation Enzymes in Sperm of Individuals with Varicocele.. <i>Cell Journal</i> , <b>2021</b> , 23, 722	2.4	
403	Female Reproductive Health in SARS-CoV-2 Pandemic Era.. <i>International Journal of Fertility &amp; Sterility</i> , <b>2021</b> , 15, 241-245	1.9	
402	ZIF-8 Modified Polypropylene Membrane: A Biomimetic Cell Culture Platform with a View to the Improvement of Guided Bone Regeneration. <i>International Journal of Nanomedicine</i> , <b>2020</b> , 15, 10029-10043	7.3	12
401	Design of hydrogel-based scaffolds for the treatment of spinal cord injuries. <i>Journal of Materials Chemistry B</i> , <b>2020</b> , 8, 10712-10738	7.3	16
400	Impact of vitamin D deficiency on mouse sperm structure and function. <i>Andrology</i> , <b>2020</b> , 8, 1442-1455	4.2	1
399	Hypoxia-related long noncoding RNAs are associated with varicocele-related male infertility. <i>PLoS ONE</i> , <b>2020</b> , 15, e0232357	3.7	13
398	Development of a Highly Proliferated Bilayer Coating on 316L Stainless Steel Implants. <i>Polymers</i> , <b>2020</b> , 12,	4.5	25
397	Electroconductive Graphene-Containing Polymeric Patch: A Promising Platform for Future Cardiac Repair. <i>ACS Biomaterials Science and Engineering</i> , <b>2020</b> , 6, 4214-4224	5.5	17
396	Intracellular functions of RNA-binding protein, Musashi1, in stem and cancer cells. <i>Stem Cell Research and Therapy</i> , <b>2020</b> , 11, 193	8.3	6
395	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> , <b>2020</b> , 15, e0233880	3.7	1
394	Expression of RXFP2 receptor on human spermatozoa and the anti-apoptotic and antioxidant effects of insulin-like factor 3. <i>Andrologia</i> , <b>2020</b> , 52, e13715	2.4	2

393	Granulosa secreted factors improve the developmental competence of cumulus oocyte complexes from small antral follicles in sheep. <i>PLoS ONE</i> , <b>2020</b> , 15, e0229043	3.7	10
392	Relationship between sperm telomere length and sperm quality in infertile men. <i>Andrologia</i> , <b>2020</b> , 52, e13546	2.4	8
391	Induced DNA hypomethylation by Folic Acid Deprivation in Bovine Fibroblast Donor Cells Improves Reprogramming of Somatic Cell Nuclear Transfer Embryos. <i>Scientific Reports</i> , <b>2020</b> , 10, 5076	4.9	3
390	Improving pulp revascularization outcomes with buccal fat autotransplantation. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , <b>2020</b> , 14, 1227-1235	4.4	2
389	Pre-implantation genetic diagnosis in an Iranian family with a novel mutation in MUT gene. <i>BMC Medical Genetics</i> , <b>2020</b> , 21, 22	2.1	3
388	Suppressive role of Viola odorata extract on malignant characters of mammosphere-derived breast cancer stem cells. <i>Clinical and Translational Oncology</i> , <b>2020</b> , 22, 1619-1634	3.6	8
387	Positive effects of conjugated linoleic acid (CLA) on the PGC1- $\beta$ expression under the inflammatory conditions induced by TNF- $\alpha$ in the C2C12 cell line. <i>Gene</i> , <b>2020</b> , 735, 144394	3.8	7
386	Modified level of miR-376a is associated with Parkinson's disease. <i>Journal of Cellular and Molecular Medicine</i> , <b>2020</b> , 24, 2622-2634	5.6	11
385	Signs of ROS-Associated Autophagy in Testis and Sperm in a Rat Model of Varicocele. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2020</b> , 2020, 5140383	6.7	13
384	Mechanistic Pathways of Malignancy in Breast Cancer Stem Cells. <i>Frontiers in Oncology</i> , <b>2020</b> , 10, 452	5.3	19
383	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> , <b>2020</b> , 15, e0240853	3.7	6
382	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> , <b>2020</b> , 22, 55-59	2.4	2
381	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> , <b>2020</b> , 13, 324-329	1.9	3
380	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> , <b>2020</b> , 22, 310-318	2.4	2
379	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> , <b>2020</b> , 14, 171-175	1.9	5
378	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> , <b>2020</b> , 14, 17-22	1.9	2
377	Effect of Vitamin D3 on Mitochondrial Biogenesis in Granulosa Cells Derived from Polycystic Ovary Syndrome. <i>International Journal of Fertility &amp; Sterility</i> , <b>2020</b> , 14, 143-149	1.9	5
376	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> , <b>2020</b> , 14, 57-62	1.9	2



375	Role of non-coding RNAs as novel biomarkers for detection of colorectal cancer progression through interaction with the cell signaling pathways. <i>Gene</i> , <b>2020</b> , 753, 144796	3.8	17
374	Effect of recombinant $\beta$ -defensin 1 protein on human sperm motility and viability. <i>Andrologia</i> , <b>2020</b> , 52, e13455	2.4	3
373	Tissue engineering of retina through high resolution 3-dimensional inkjet bioprinting. <i>Biofabrication</i> , <b>2020</b> , 12, 025006	10.5	33
372	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> , <b>2020</b> , 110, 110623	8.3	6
371	The alteration of PLC $\beta$ protein expression in unexplained infertile and asthenoteratozoospermic patients: A potential effect on sperm fertilization ability. <i>Molecular Reproduction and Development</i> , <b>2020</b> , 87, 115-123	2.6	12
370	The attenuation of the toxic effects of LPS on mouse pre-implantation development by alpha-lipoic acid. <i>Theriogenology</i> , <b>2020</b> , 143, 139-147	2.8	11
369	Could analysis of testis-specific genes, as biomarkers in seminal plasma, predict presence of focal spermatogenesis in non-obstructive azoospermia?. <i>Andrologia</i> , <b>2020</b> , 52, e13483	2.4	6
368	Ferulago angulata extract ameliorates epididymal sperm toxicity in mice induced by lead and diazinon. <i>Andrology</i> , <b>2020</b> , 8, 706-718	4.2	5
367	Receptor for Advanced Glycation End Products Acts as a Fuel to Colorectal Cancer Development. <i>Frontiers in Oncology</i> , <b>2020</b> , 10, 552283	5.3	12
366	Alpha-lipoic acid improves sperm motility in infertile men after varicocele: a triple-blind randomized controlled trial. <i>Reproductive BioMedicine Online</i> , <b>2020</b> , 41, 1084-1091	4	14
365	Full small molecule conversion of human fibroblasts to neuroectodermal cells via a cocktail of Dorsomorphin and Trichostatin A. <i>Regenerative Therapy</i> , <b>2020</b> , 15, 44-52	3.7	1
364	Effects of abundances of OCT-4 mRNA transcript on goat pre-implantation embryonic development. <i>Animal Reproduction Science</i> , <b>2020</b> , 215, 106286	2.1	2
363	Endoplasmic Reticulum Stress (ER Stress) and Unfolded Protein Response (UPR) Occur in a Rat Varicocele Testis Model. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2020</b> , 2020, 5909306	6.7	8
362	Poly(Caprolactone)-Poly(N-Isopropyl Acrylamide)-Fe <sub>3</sub> O <sub>4</sub> Magnetic Nanofibrous Structure with Stimuli Responsive Drug Release. <i>Macromolecular Materials and Engineering</i> , <b>2020</b> , 305, 2000208	3.9	2
361	Effects of ovary storage temperature and embryo vitrification on somatic cell nuclear transfer outcomes in goats. <i>Reproduction, Fertility and Development</i> , <b>2020</b> , 32, 419-424	1.8	7
360	Upregulation of miR-9 and miR-193b over human Th17 cell differentiation. <i>Molecular Genetics &amp; Genomic Medicine</i> , <b>2020</b> , 8, e1538	2.3	0
359	Transcript Isoforms of SLC7A11-AS1 Are Associated With Varicocele-Related Male Infertility. <i>Frontiers in Genetics</i> , <b>2020</b> , 11, 1015	4.5	5
358	Capsaicin improves sperm quality in rats with experimental varicocele. <i>Andrologia</i> , <b>2020</b> , 52, e13762	2.4	1

357	Could high DNA stainability (HDS) be a valuable indicator of sperm nuclear integrity?. <i>Basic and Clinical Andrology</i> , <b>2020</b> , 30, 12	2.8	9
356	Potential Biomarker and Therapeutic LncRNAs in Multiple Sclerosis Through Targeting Memory B Cells. <i>NeuroMolecular Medicine</i> , <b>2020</b> , 22, 111-120	4.6	12
355	New insights into the cellular activities of Fndc5/Irisin and its signaling pathways. <i>Cell and Bioscience</i> , <b>2020</b> , 10, 51	9.8	34
354	Vitamin D3 affects mitochondrial biogenesis through mitogen-activated protein kinase in polycystic ovary syndrome mouse model. <i>Journal of Cellular Physiology</i> , <b>2020</b> , 235, 6113-6126	7	7
353	Granulosa secreted factors improve the developmental competence of cumulus oocyte complexes from small antral follicles in sheep <b>2020</b> , 15, e0229043		
352	Granulosa secreted factors improve the developmental competence of cumulus oocyte complexes from small antral follicles in sheep <b>2020</b> , 15, e0229043		
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348	Granulosa secreted factors improve the developmental competence of cumulus oocyte complexes from small antral follicles in sheep <b>2020</b> , 15, e0229043		
347	The effects of lycopene supplement on the spermatogram and seminal oxidative stress in infertile men: A randomized, double-blind, placebo-controlled clinical trial. <i>Phytotherapy Research</i> , <b>2019</b> , 33, 3203-3211	6.7	17
346	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. <i>Scientific Reports</i> , <b>2019</b> , 9, 13759	4.9	10
345	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. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 238-248	3.6	16
344	Upregulation of miR-200a and miR-204 in MPP -treated differentiated PC12 cells as a model of Parkinson's disease. <i>Molecular Genetics &amp; Genomic Medicine</i> , <b>2019</b> , 7, e548	2.3	14
343	Alpha-lipoic acid minimises reactive oxygen species-induced damages during sperm processing. <i>Andrologia</i> , <b>2019</b> , 51, e13314	2.4	15
342	LncRNAs associated with multiple sclerosis expressed in the Th1 cell lineage. <i>Journal of Cellular Physiology</i> , <b>2019</b> , 234, 22153-22162	7	13
341	Supplementation of maturation medium with CoQ10 enhances developmental competence of ovine oocytes through improvement of mitochondrial function. <i>Molecular Reproduction and Development</i> , <b>2019</b> , 86, 812-824	2.6	12
340	Zeta method: A noninvasive method based on membrane charge for selecting spermatozoa expressing high level of phospholipase C. <i>Andrologia</i> , <b>2019</b> , 51, e13249	2.4	7



339	Stabilizing osmolytes' effects on the structure, stability and function of tc-tenecteplase: A one peptide bond digested form of tenecteplase. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 130, 863-877	7.9	2
338	Reduced sperm telomere length in individuals with varicocele is associated with reduced genomic integrity. <i>Scientific Reports</i> , <b>2019</b> , 9, 4336	4.9	18
337	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> , <b>2019</b> , 51, e13273	2.4	11
336	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> , <b>2019</b> , 17, 24	5	54
335	An engineered analog of insulin-like growth factor 1 with reduced immunogenicity and retained mitogenicity. <i>Biochemical Engineering Journal</i> , <b>2019</b> , 145, 98-108	4.2	1
334	Optical biosensing of <i>Streptococcus agalactiae</i> based on core/shell magnetic nanoparticle-quantum dot. <i>Analytical and Bioanalytical Chemistry</i> , <b>2019</b> , 411, 6733-6743	4.4	5
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330	Piebaldism: An Iranian case report carrying minor allele at rs999020 and rs1008658 SNPs of KIT gene. <i>Gene Reports</i> , <b>2019</b> , 17, 100544	1.4	
329	The effect of vitamin E & vitamin B on sperm function in rat varicocele model. <i>Andrologia</i> , <b>2019</b> , 51, e13429	4.2	8
328	Hypothesis: A Challenge of Overexpression Zfp521 in Neural Tendency of Derived Dental Pulp Stem Cells. <i>Cell Journal</i> , <b>2019</b> , 21, 99-102	2.4	1
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324	Epigenotoxic Effect of Dimethyl Sulfoxide on Buffalo Somatic Cells and Buffalo-Bovine Interspecies Somatic Cell Nuclear Transfer Embryos. <i>Cell Journal</i> , <b>2019</b> , 20, 544-551	2.4	3
323	Dynamics of The Expression of Pluripotency and Lineage Specific Genes in The Pre and Peri-Implantation Goat Embryo. <i>Cell Journal</i> , <b>2019</b> , 21, 194-203	2.4	4
322	Dietary Patterns and The Outcomes of Assisted Reproductive Techniques in Women with Primary Infertility: A Prospective Cohort Study. <i>International Journal of Fertility &amp; Sterility</i> , <b>2019</b> , 12, 316-323	1.9	5

321	An Overview of The Globozoospermia as A Multigenic Identified Syndrome. <i>International Journal of Fertility &amp; Sterility</i> , <b>2019</b> , 12, 273-277	1.9	10
320	Prediction of probable impact of miR-34a and miR-215 on differentiation of naive CD4+ T cells to Th17 cells in multiple sclerosis. <i>Journal of Shahrekord University of Medical Sciences</i> , <b>2019</b> , 21, 276-279	0.2	
319	Comparison of PAWP between separated spermatozoa based on density gradient centrifugation and Zeta potential. <i>Medical Journal of Tabriz University of Medical Sciences &amp; Health Services</i> , <b>2019</b> , 41, 47-55	0	
318	Comparison of apoptotic markers and protamine deficiency in sperm of infertile individuals with varicocele and fertile men. <i>Medical Journal of Tabriz University of Medical Sciences &amp; Health Services</i> , <b>2019</b> , 41, 64-72	0	
317	Alpha lipoic acid reverses the negative effect of LPS on mouse spermatozoa and developmental competence of resultant embryos in vitro. <i>Andrology</i> , <b>2019</b> , 7, 350-356	4.2	4
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312	Evaluation of sperm telomere length in infertile men with failed/low fertilization after intracytoplasmic sperm injection. <i>Reproductive BioMedicine Online</i> , <b>2019</b> , 38, 579-587	4	10
311	Embryos derived from couples with consanguineous marriages with globozoospermia should be screened for gender or DPY19L2 deletion. <i>Andrologia</i> , <b>2019</b> , 51, e13221	2.4	5
310	Hypoxia pathway has more impact than inflammation pathway on etiology of infertile men with varicocele. <i>Andrologia</i> , <b>2019</b> , 51, e13189	2.4	20
309	Effects of branched-chain amino acid supplementation and/or aerobic exercise on mouse sperm quality and testosterone production. <i>Andrologia</i> , <b>2019</b> , 51, e13183	2.4	7
308	Pomegranate seed in diet, affects sperm parameters of cloned goats following freezing-thawing. <i>Theriogenology</i> , <b>2019</b> , 125, 203-209	2.8	7
307	Comparison of main molecular markers involved in autophagy and apoptosis pathways between spermatozoa of infertile men with varicocele and fertile individuals. <i>Andrologia</i> , <b>2019</b> , 51, e13177	2.4	11
306	Clinical outcomes of magnetic activated sperm sorting in infertile men candidate for ICSI. <i>Human Fertility</i> , <b>2019</b> , 22, 118-125	1.9	18
305	Assessment of Sperm PAWP Expression in Infertile Men. <i>Urology Journal</i> , <b>2019</b> , 16, 488-494	0.9	1
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300	A ternary nanofibrous scaffold potential for central nerve system tissue engineering. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2018</b> , 106, 2394-2401	5.4	28
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205	Upregulation of CD4+T-Cell Derived MiR-223 in The Relapsing Phase of Multiple Sclerosis Patients. <i>Cell Journal</i> , <b>2016</b> , 18, 371-80	2.4	15
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134	A proper protocol for isolation of retinal pigment epithelium from rabbit eyes. <i>Advanced Biomedical Research</i> , <b>2014</b> , 3, 4	1.2	2
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73	Origin and role of DNA damage in varicocele. <i>International Journal of Fertility &amp; Sterility</i> , <b>2012</b> , 6, 141-6	1.9	11
72	Preconception counseling in couples undergoing fertility treatment. <i>International Journal of Fertility &amp; Sterility</i> , <b>2012</b> , 6, 79-86	1.9	3
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68	Induced in vitro differentiation of neural-like cells from human exfoliated deciduous teeth-derived stem cells. <i>International Journal of Developmental Biology</i> , <b>2011</b> , 55, 189-95	1.9	82
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60	Development of an optimized zona-free method of somatic cell nuclear transfer in the goat. <i>Cellular Reprogramming</i> , <b>2011</b> , 13, 157-70	2.1	39
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54	Effect of ovarian cyclic status on in vitro embryo production in cattle. <i>International Journal of Fertility &amp; Sterility</i> , <b>2011</b> , 4, 172-5	1.9	5
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