

## مهدى حاجيان حسين آبادى

دانشivar

محل خدمت: پژوهشگاه علوم سلولی (رویان)

### سوابق تحصیلی

دانشگاه	رشته و گرایش تحصیلی	سال اخذ مدرک	مقطع تحصیلی
شهید بهشتی لرستان خرم آباد	زیست شناسی	۱۳۸۲	کارشناسی
دانشگاه پیام نور اصفهان	فیزیولوژی جانوری	۱۳۸۵	کارشناسی ارشد
پژوهشگاه رویان	زیست شناسی سلولی و ملکولی	۱۳۹۵	دکترا تخصصی

### اطلاعات استخدامی

پایه	نوع همکاری	نوع استخدام	عنوان سمت	محل خدمت
	تمام وقت	پیمانی	رئیس گروه پژوهشی	پژوهشگاه رویان

### سوابق اجرایی

مدیر گروه پژوهشی زیست فناوری جانوری پژوهشگاه رویان

عضو هیئت علمی پژوهشگاه رویان

### زمینه های تدریس

زیست شناسی مولکولی

تکامل

### مقالات در نشریات

- Mzedawee, H.R.H., Kowsar, R., Moradi , Hajidavaloo, R., (...), Nasr , Esfahani, M.H., Hajian, .1  
M.,Heat shock interferes with the amino acid metabolism of bovine cumulus-oocyte complexes  
.in vitro: a multistep analysis,Amino Acids,2024
- Moshrefzadeh ,& Sani, H., Honarmand, M., Hajian, M., (...), Moghaddam, S.S., Baghaei, .2  
S.,Application of scaled boundary finite element method in failure probability estimation of  
.square nanographene sheet,Ain Shams Engineering Journal,2024
- Mohammadi, A., Jafarpour, F., Vash, N.T., Hajian, M., Nasr ,& Esfahani, M.H.,Supplementation .3  
of sperm cryopreservation media with H2S donors enhances sperm quality, reduces oxidative  
.stress, and improves in vitro fertilization outcomes,Scientific Reports,2023

- Naderi, N., Souri, M., Nasr ,& Esfahani, M.H., Hajian, M., Nazem, M.N.,Ferulago angulata extract .4  
.alleviates testicular toxicity in male mice exposed to diazinon and lead,Tissue and Cell,2023
- Moradi , Hajidavaloo, R., Jafarpour, F., Hajian, M., (...), Rouhollahi Varnosfaderani, S., Nasr , .5  
Esfahani,...,Oct-4 activating compound 1 (OAC1) could improve the quality of somatic cell  
.nuclear transfer embryos in the bovine,Theriogenology,2023
- Hajian, M., Rouhollahi Varnosfaderani, S., Jafarpour, F., Tanhaei Vash, N., Nasr ,& Esfahani, .6  
M.H.,Pluripotency and embryonic lineage genes expression in the presence of small molecule  
inhibitors of FGF, TGFbeta and GSK3 during pre-implantation development of goat embryos,Gene  
.Expression Patterns,2023
- Sadeghi, M., Andani, M.R., Hajian, M., (...), Jafarpour, F., Nasr ,& Esfahani, M.H.,Developmental .7  
competence of IVF and SCNT goat embryos is improved by inhibition of canonical WNT  
.signaling,PLoS ONE,2023
- Safari, H., Hajian, M., Nasr ,& Esfahani, M.H., Forouzanfar, M., Drevet, J.R.,Vitamin D and .8  
calcium, together and separately, play roles in female reproductive performance,Scientific  
.Reports,2022
- Assareh, N., Shahemabadi, M., Varnosfaderani, S.R., (...), Hajian, M., Nasr ,& Esfahani, .9  
M.H.,Sequential IVM by CNP preincubation and cooperating of PGE2 with AREG enhances  
.developmental competence of SCNT reconstructs in goat,Scientific Reports,2022
- Aghamiri, S.M., Samimi, A.S., Hajian, M., Samimi, A.M., Oroumeh, A.,Effect of xylazine, .10  
detomidine, medetomidine and dexmedetomidine during laparoscopic SCNT embryo transfer on  
.pregnancy rate and some physiological variables in goats,BMC Veterinary Research,2022
- Esfe, M.H., Hajian, M., Esmaily, R., (...), Hekmatifar, M., Tohraie, D.,Designing the best ANN .11  
topology for predicting the dynamic viscosity and rheological behavior of MWCNT-CuO (30:70)/  
.SAE 50 nano-lubricant,Colloids and Surfaces A: Physicochemical and Engineering Aspects,2022
- Hemmat Esfe, M., Hajian, M., Tohraie, D., (...), Pirmoradian, M., Rostamian, H.,Prediction the .12  
dynamic viscosity of MWCNT-Al2O3 (30:70)/ Oil 5W50 hybrid nano-lubricant using Principal  
Component Analysis (PCA) with Artificial Neural Network (ANN),Egyptian Informatics  
.Journal,2022
- Hajian, M., Jafarpour, F., Aghamiri, S.M., (...), Andani, M.R., Nasr ,& Esfahani, M.H.,The Impact .13  
of Two Embryo Culture Media, Synthetic Oviduct Fluid and Commercial BO, on pre-and post-  
Implantation Development of Cloned SAANEN Goat Embryos,International Journal of Fertility and  
.Sterility,2022
- Moghadam, F., Hajian, M., Rouhollahi Varnosfaderani, S., Jafarpour, F., Nasr Esfahani, .14  
M.H.,Effect of rosiglitazone on developmental competence of mouse embryos treated with  
.lipopolysaccharide,Theriogenology,2021
- Naderi, N., Hajian, M., Souri, M., Nasr Esfahani, M.H., Vash, N.T.,Ferulago angulata extract .15  
improves the quality of buck spermatozoa post-thaw and counteracts the harmful effects of  
.diazinon and lead,Cryobiology,2021
- Naseri, D., Dormiani, K., Hajian, M., (...), Karimi, N., Nasr ,& Esfahani, M.H.,Improving germline .16  
transmission efficiency in chimeric chickens using a multi-stage injection approach,PLoS  
.ONE,2021
- Soltani, F., Hajian, M., Tohraie, D., (...), Sina, N., Alizadeh, A.,Applying Artificial Neural .17  
Networks (ANNs) for prediction of the thermal characteristics of engine oil -based nanofluids  
.containing tungsten oxide -MWCNTs,Case Studies in Thermal Engineering,2021
- Fuxi, S., Hamedj, S., Hajian, M., (...), Hekmatifar, M., Sina, N.,Addition of MWCNT-Al2O3 .18  
nanopowders to water- ethylene glycol (EG) base fluid for enhancing the thermal characteristics:  
.Design an optimum feed-forward neural network,Case Studies in Thermal Engineering,2021
- Shahreza, F.D., Hajian, M., Gharagozloo, P., Drevet, J.R., Nasr ,& Esfahani, M.H.,Impact of .19  
.vitamin D deficiency on mouse sperm structure and function,Andrology,2020
- Jafarpour, F., Zadegan, F.G., Ostadhosseini, S., (...), Kiani , Esfahani, A., Nasr , Esfahani, .20

- M.H.,SiRNA inhibition and not chemical inhibition of Suv39h1/2 enhances pre-implantation .embryonic development of bovine somatic cell nuclear transfer embryos,PLoS ONE,2020  
Ghorbani , Sini, R., Izadi, T., Tavalaei, M., (...), Rahimi Zamani, M., Nasr , Esfahani, .21  
M.H.,Comparison of sperm telomere length between two sperm selection procedures: Density .gradient centrifugation and zeta potential,International Journal of Fertility and Sterility,2020  
Naderi, N., Souri, M., Nasr Esfahani, M.H., Hajian, M., Tanhaei Vash, N.,Ferulago angulata .22  
extract ameliorates epididymal sperm toxicity in mice induced by lead and .diazinon,Andrology,2020  
Naddafpour, A., Ghazvini Zadegan, F., Hajian, M., (...), Habibi, R., Nasr Esfahani, M.H.,Effects .23  
of abundances of OCT-4 mRNA transcript on goat pre-implantation embryonic .development,Animal Reproduction Science,2020  
Mokhtari, S., Mahdavi, A.H., Hajian, M., (...), Varnosfaderani, S.R., Nasr ,& Esfahani, M.H.,The .24  
attenuation of the toxic effects of LPS on mouse pre-implantation development by alpha-lipoic .acid,Theriogenology,2020  
Varnosfaderani, S.R., Hajian, M., Jafarpour, F., Zadegan, F.G., Nasr ,& Esfahani, .25  
M.H.,Granulosa secreted factors improve the developmental competence of cumulus oocyte .complexes from small antral follicles in sheep,PLoS ONE,2020  
Makvandi, A., Kowsar, R., Hajian, M., (...), Tanhaei Vash, N., Nasr ,& Esfahani, M.H.,Alpha .26  
lipoic acid reverses the negative effect of LPS on mouse spermatozoa and developmental .competence of resultant embryos in vitro,Andrology,2019  
Hajian, M., Jafarpour, F., Aghamiri, S.M., Rouhollahi Varnosfaderani, S., Nasr Esfahani, .27  
M.H.,Effects of ovary storage temperature and embryo vitrification on somatic cell nuclear .transfer outcomes in goats,Reproduction, Fertility and Development,2019  
Hajian, M., Moradi, M.,Stochastic fracture analysis of cracked nano-graphene sheets by .28  
.scaled boundary finite element method,Engineering Analysis with Boundary Elements,2019  
Zarepourfard, H., Riasi, A., Frouzanfar, M., Hajian, M., Nasr Esfahani, M.H.,Pomegranate seed .29  
in diet, affects sperm parameters of cloned goats following freezing- .thawing,Theriogenology,2019  
Alipour, P., Toghraie, D., Karimipour, A., Hajian, M.,Modeling different structures in perturbed .30  
Poiseuille flow in a nanochannel by using of molecular dynamics simulation: Study the .equilibrium,Physica A: Statistical Mechanics and its Applications,2019  
Karamali, F., Esfahani, M. ,& H.N., Hajian, M., (...), Satarian, L., Baharvand, H.,Hepatocyte .31  
growth factor promotes the proliferation of human embryonic stem cell derived retinal pigment .epithelial cells,Journal of Cellular Physiology,2019  
Toghraie, D., Sina, N., Jolfaei, N.A., Hajian, M., Afrand, M.,Designing an Artificial Neural .32  
Network (ANN) to predict the viscosity of Silver/Ethylene glycol nanofluid at different temperatures and volume fraction of nanoparticles,Physica A: Statistical Mechanics and its .Applications,2019  
Peng, Y., Zarringhalam, M., Hajian, M., (...), Tadi, S.J., Afrand, M.,Empowering the boiling .33  
condition of Argon flow inside a rectangular microchannel with suspending Silver nanoparticles .by using of molecular dynamics simulation,Journal of Molecular Liquids,2019  
Alipour, P., Toghraie, D., Karimipour, A., Hajian, M.,Molecular dynamics simulation of fluid .34  
flow passing through a nanochannel: Effects of geometric shape of roughnesses,Journal of .Molecular Liquids,2019  
Habibi, R., Hosseini, S.M., Zadegan, F.G., (...), Naddafpour, A., Nasr Esfahani, M.H.,Functional .35  
characterization of NANOG in goat pre-implantation embryonic .development,Theriogenology,2018  
Sanaei, B., Movaghar, B., Rezazadeh Valojerdi, M., (...), Hajian, M., Nasr ,& Esfahani, .36  
M.H.,Developmental competence of in vitro matured ovine oocytes vitrified in solutions with .different concentrations of trehalose,Reproduction in Domestic Animals,2018

- HosseinNia, P., Hajian, M., Jafarpour, F., (...), Tahmoorespur, M., Nasr ,& Esfahani, .37  
M.H.,Dynamics of the expression of pluripotency and lineage specific genes in the pre and peri-  
.implantation goat embryo,Cell Journal,2018
- Kowsar, R., Izadi, F., Sadeghi, N., (...), Farrokhpour, H., Miyamoto, A.,Urea changes oocyte .38  
.competence and gene expression in resultant bovine embryo in vitro,Zygote,2018
- Sekhavati, M.H., Hosseini, S.M., Tahmoorespur, M., (...), Dormiani, K., Nasr ,& Esfahani, .39  
M.H.,PhiC31-based Site-Specific Transgenesis System for Production of Transgenic Bovine  
Embryos by Somatic Cell Nuclear Transfer and Intracytoplasmic Sperm Injection,Cell  
.Journal,2018
- Hajian, M., Hosseini, S.M., Ostadhosseini, S., Nasr ,& Esfahani, M.H.,Comparative stepwise .40  
pattern of reactive oxygen species production during in vitro development of fertilized and  
.nuclear transferred goat embryos,International Journal of Fertility and Sterility,2017
- HosseinNia, P., Hajian, M., Tahmoorespur, M., (...), Nasiri, M.R., Nasr ,& Esfahani, .41  
M.H.,Expression profile of developmentally important genes in pre- and peri-implantation goat  
.embryos produced In Vitro,International Journal of Fertility and Sterility,2016
- Hajian, M., Hosseini, S.M., Ostadhosseini, S., Nasr ,& Esfahani, M.H.,Targeting the .42  
transforming growth factor-beta signaling during pre-implantation development in embryos of  
.cattle, sheep and goats,Growth Factors,2016
- Azari , Dolatabad, N., Rahmani, H.R., Hajian, M., (...), Hosseini, S.M., Nasr , Esfahani, .43  
M.H.,Effects of cilostamide and/or forskolin on the meiotic resumption and development  
competence of growing ovine oocytes selected by brilliant cresyl blue  
.staining,Theriogenology,2016
- Hosseini, S.M., Dufort, I., Nieminen, J., (...), Nasr , Esfahani, M.H., Sirard, M. , A.,Epigenetic .44  
modification with trichostatin A does not correct specific errors of somatic cell nuclear transfer  
at the transcriptomic level; highlighting the non-random nature of oocyte-mediated  
.reprogramming errors,BMC Genomics,2016
- Nia, P.H., Tahmoorespur, M., Hosseini, S.M., (...), Nasiri, M.R., Nasr ,& Esfahani, M.H.,Stage- .45  
specific profiling of transforming growth factor-beta, fibroblast growth factor and wingless-int  
.signaling pathways during early embryo development in the goat,Cell Journal,2016
- Hosseini, S.M., Asgari, V., Ostadhosseini, S., (...), Ghanaei, H.R., Nasr ,& Esfahani, .46  
M.H.,Developmental competence of ovine oocytes after vitrification: Differential effects of  
vitrification steps, embryo production methods, and parental origin of  
.pronuclei,Theriogenology,2015
- Bonakdar, E., Edriss, M.A., Bakhtari, A., (...), Rahmani, H.R., Nasr ,& Esfahani, M.H.,A .47  
physiological, rather than a superovulated, post-implantation environment can attenuate the  
compromising effect of assisted reproductive techniques on gene expression in developing mice  
.embryos,Molecular Reproduction and Development,2015
- Hosseini, S.M., Asgari, V., Hajian, M., Nasr ,& Esfahani, M.H.,Cytoplasmic, rather than nuclear- .48  
DNA, insufficiencies as the major cause of poor competence of vitrified oocytes,Reproductive  
.BioMedicine Online,2015
- Hosseini, S.M., Hajian, M., Forouzanfar, M., (...), Vosough, A.D., Nasr ,& Esfahani, .49  
M.H.,Chemically assisted somatic cell nuclear transfer without micromanipulator in the goat:  
Effects of demecolcine, cytochalasin-B, and MG-132 on the efficiency of a manual method of  
.oocyte enucleation using a pulled Pasteur pipette,Animal Reproduction Science,2015
- Moradi, M., Riasi, A., Ostadhosseini, S., (...), Hosseinnia, P., Nasr ,& Esfahani, M.H.,Expression .50  
profile of FGF receptors in preimplantation ovine embryos and the effect of FGF2 and  
.PD173074,Growth Factors,2015
- Mousai, M., Hosseini, S.M., Hajian, M., (...), Forouzanfar, M., Nasr ,& Esfahani, M.H.,Effect of .51  
epigenetic modification with trichostatin A and S-adenosylhomocysteine on developmental  
.competence and POU5F1-EGFP expression of interspecies cloned embryos in dog,Zygote,2015

- Abbasi, H., Hosseini, S.M., Hajian, M., (...), Nasiri, M.R., Nasr ,& Esfahani, M.H.,Lentiviral .52 vector-mediated transduction of goat undifferentiated spermatogonia,Animal Reproduction Science,2015
- Hosseini, S.M., Hajian, M., Ostadhosseini, S., (...), Ghanaie, H.R., Nasr ,& Esfahani, .53 M.H.,Contrasting effects of G1.2/G2.2 and SOF1/SOF2 embryo culture media on pre- and post-implantation development of non-transgenic and transgenic cloned goat embryos,Reproductive BioMedicine Online,2015
- Rouhollahi Varnosfaderani, S., Ostadhosseini, S., Hosseini, S.M., Hajian, M., Nasr ,& Esfahani, .54 M.H.,In vitro development of ovine oocytes cultured in the presence of GDF9 at chemically defined or undefined maturation medium,Small Ruminant Research,2014
- Gharibzadeh, Z., Riasi, A., Ostadhosseini, S., (...), Hajian, M., Nasr ,& Esfahani, M.H.,Effects of .55 heat shock during the early stage of oocyte maturation on the meiotic progression, subsequent embryonic development and gene expression in ovine,Zygote,2014
- The interfering effects of superovulation and vitrification upon some important epigenetic .56 biomarkers in mouse blastocyst,Cryobiology,2014
- Hosseini, S.M., Hajian, M., Moulavi, F., (...), Forouzanfar, M., Nasr ,& Esfahani, M.H.,Cloned .57 sheep blastocysts derived from oocytes enucleated manually using a pulled pasteur pipette,Cellular Reprogramming,2013
- Esmaielzadeh, F., Hosseini, S.M., Nasiri, Z., (...), Vosough, A.D., Nasr ,& Esfahani, M.H.,Kit .58 ligand and glial-derived neurotrophic factor as alternative supplements for activation and development of ovine preantral follicles in vitro,Molecular Reproduction and Development,2013
- Eghbalsaied, S., Ghaedi, K., Laible, G., (...), Nasr ,& Esfahani, M.H., Oback, B.,Exposure to DNA .59 .is insufficient for in vitro transgenesis of live bovine sperm and embryos,Reproduction,2013
- Moulavi, F., Hosseini, S.M., Hajian, M., (...), Asgari, V., Nasr ,& Esfahani, M.H.,Nuclear transfer .60 technique affects mRNA abundance, developmental competence and cell fate of the reconstituted sheep oocytes,Reproduction,2013
- Forouzanfar, M., Fekri Ershad, S., Hosseini, S.M., (...), Vosough Dizaji, A., Nasr Esfahani, .61 M.H.,Can permeable super oxide dismutase mimetic agents improve the quality of frozen-thawed ram semen?,Cryobiology,2013
- Gharibi, S., Hajian, M., Ostadhosseini, S., (...), Forouzanfar, M., Nasr ,& Esfahani, M.H.,Effect .62 of phosphodiesterase type 3 inhibitor on nuclear maturation and invitro development of ovine oocytes,Theriogenology,2013
- Rouhollahi Varnosfaderani, S., Ostadhosseini, S., Hajian, M., (...), Hosseini, P., Nasr ,& .63 Esfahani, M.H....,Importance of the GDF9 signaling pathway on cumulus cell expansion and oocyte competency in sheep,Theriogenology,2013
- Forouzanfar, M., Abid, A., Hosseini, S.M., Hajian, M., Nasr Esfahani, M.H.,Supplementation of .64 sperm cryopreservation media with cell permeable superoxide dismutase mimetic agent (MnTE) .improves goat blastocyst formation,Cryobiology,2013
- Hosseini, S.M., Hajian, M., Asgari, V., (...), Safahani , Langroodi, M., Nasr , Esfahani, .65 M.H.,Cryosurvival of in vitro produced embryos as affected by health status effect of oocyte donor cow,Cryo-Letters,2013
- Abbasi, H., Tahmoorespur, M., Hosseini, S.M., (...), Nasiri, M.R., Nasr ,& Esfahani, M.H.,THY1 .66 as a reliable marker for enrichment of undifferentiated spermatogonia in the goat,Theriogenology,2013
- Hajian, M., Kiani, M., Hosseini, M.S., (...), Afrough, M., Nasr ,& Esfahani, M.H.,Specific .67 activation requirements of zona-free sheep oocytes before and after somatic cell nuclear transfer,Cellular Reprogramming,2013
- Hosseini, S.M., Asgari, V., Ostadhosseini, S., (...), Najarasl, M., Nasr ,& Esfahani, .68 M.H.,Potential applications of sheep oocytes as affected by vitrification and in vitro aging,Theriogenology,2012

- Bahadorani, M., Hosseini, S.M., Abedi, P., (...), Baharvand, H., Nasr ,& Esfahani, M.H.,Short- .69 term in-vitro culture of goat enriched spermatogonial stem cells using different serum concentrations,Journal of Assisted Reproduction and Genetics,2012
- Hosseini, S.M., Hajian, M., Forouzanfar, M., (...), Baharvand, H., Nasr ,& Esfahani, .70 M.H.,Enucleated ovine oocyte supports human somatic cells reprogramming back to the .embryonic stage,Cellular Reprogramming,2012
- Nasiri, Z., Hosseini, S.M., Hajian, M., (...), Baharvand, H., Nasr ,& Esfahani, M.H.,Effects of .71 different feeder layers on short-term culture of prepubertal bovine testicular germ cells In- .vitro,Theriogenology,2012
- Asgari, V., Hosseini, S.M., Ostadhosseini, S., (...), Mosaie, M., Nasr ,& Esfahani, M.H.,Specific .72 activation requirements of in vitro-matured sheep oocytes following vitrification- .warming,Molecular Reproduction and Development,2012
- Sekhavati, M.H., Shadanloo, F., Hosseini, M.S., (...), Hajian, M., Nasr ,& Esfahani, .73 M.H.,Improved bovine ICSI outcomes by sperm selected after combined heparin-glutathione .treatment,Cellular Reprogramming,2012
- Asgari, V., Hosseini, S.M., Forouzanfar, M., Hajian, M., Nasr ,& Esfahani, M.H.,Vitrification of .74 in vitro produced bovine embryos: Effect of embryonic block and developmental .kinetics,Cryobiology,2012
- Jafarpour, F., Hosseini, S.M., Hajian, M., (...), Vosough, A.D.T., Nasr ,& Esfahani, M.H.,Somatic .75 cell-induced hyperacetylation, but not hypomethylation, positively and reversibly affects the .efficiency of in vitro cloned blastocyst production in cattle,Cellular Reprogramming,2011
- Jafarpour, F., Hosseini, S.M., Hajian, M., (...), Gholami, S., Esfahani, M.H.N.,Developmental .76 competence and pluripotency gene expression of cattle cloned embryos derived from donor .cells treated with 5-aza-2'-deoxycytidine,International Journal of Fertility and Sterility,2011
- Pirestani, A., Hosseini, S.M., Hajian, M., (...), Dizaj, A.V.T., Esfahani, M.H.N.,Effect of ovarian .77 cyclic status on in vitro embryo production in cattle,International Journal of Fertility and .Sterility,2011
- Asgari, V., Hosseini, S.M., Ostadhosseini, S., Hajian, M., Nasr ,& Esfahani, M.H.,Time .78 dependent effect of post warming interval on microtubule organization, meiotic status, and .parthenogenetic activation of vitrified in vitro matured sheep oocytes,Theriogenology,2011
- Hajian, M., Hosseini, S.M., Asgari, V., (...), Forouzanfar, M., Esfahani, M.H.N.,Effect of culture .79 system on developmental competence, cryosurvival and DNA-fragmentation of in vitro bovine .blastocysts,International Journal of Fertility and Sterility,2011
- Hosseini, S.O., Aghaee, F., Hosseini, S.M., (...), Vosough Taghi Dizaj, A., Nasr ,& Esfahani, .80 M.H.,Effect of culture condition and cell-permeable superoxide dismutase on levels of reactive oxygen species (ROS) production in in vitro produced sheep embryos,Small Ruminant .Research,2011
- Jafari, S., Hosseini, S.M., Hajian, M., (...), Yaakub, H., Nasr ,& Esfahani, M.H.,Epigenetic .81 modification does not determine the time of POU5F1 transcription activation in cloned bovine .embryos,Journal of Assisted Reproduction and Genetics,2011
- Jafari, S., Hosseini, M.S., Hajian, M., (...), Yakub, H., Nasr ,& Esfahani, M.H.,Improved in vitro .82 development of cloned bovine embryos using S-adenosylhomocysteine, a non-toxic epigenetic .modifying reagent,Molecular Reproduction and Development,2011
- Hajian, M., Hosseini, S.M., Forouzanfar, M., (...), Amiri , Yekta, A., Nasr , Esfahani, .83 M.H.,Conservation cloning of vulnerable Esfahan mouflon (*Ovis orientalis isphahanica*): In vitro .and in vivo studies,European Journal of Wildlife Research,2011
- Nasr ,& Esfahani, M.H., Hosseini, S.M., Hajian, M., (...), Vosough, A.D., Vojgani, .84 H.,Development of an optimized zona-free method of somatic cell nuclear transfer in the .goat,Cellular Reprogramming,2011
- Shadanloo, F., Najafi, M.H., Hosseini, S.M., (...), Eskandari , Nasab, M. , P., Esfahani, .85

- M.H.N.,Sperm status and DNA dose play key roles in sperm/ICSI-mediated gene transfer in .caprine,Molecular Reproduction and Development,2010
- Forouzanfar, M., Hosseini, S.M., Hajian, M., (...), Abedi, P., Nasr Esfahani, M.H.,Differential .86 effect of medium on the ratio of ICM/TE of bovine embryos in a co-culture system,International .Journal of Fertility and Sterility,2010
- Forouzanfar, M., Sharafi, M., Hosseini, S.M., (...), Rahmani, H.R., Nasr ,& Esfahani, M.H.,In .87 vitro comparison of egg yolk-based and soybean lecithin-based extenders for cryopreservation of .ram semen,Theriogenology,2010
- Eghbalsaied, Sh., Ghaedi, K., Hosseini, S.M., (...), Mozafari, N.A., Nasr Esfahani, .88 M.H.,Selection of the most appropriate medium for assessing motility and DNA uptake of bovine .spermatozoa,Yakhteh,2009
- Sharafi, M., Forouzanfar, M., Hosseini, S.M., (...), Javaheri, A.R., Esfahani, M.H.N.,In vitro .89 comparison of soybean lecithin based-extender with commercially available extender for ram .semen cryopreservation,2009,2009
- Hosseini, S.M., Forouzanfar, M., Hajian, M., (...), Eghbalsaied, S., Nasr ,& Esfahani, .90 M.H.,Antioxidant supplementation of culture medium during embryo development and/or after vitrification-warming; Which is the most important?,Journal of Assisted Reproduction and .Genetics,2009
- Hosseini, S.M., Fazilati, M., Moulavi, F., (...), Hemami, M.R., Nasr ,& Esfahani, .91 M.H.,Reproductive potential of domestic Ovis aries for preservation of threatened Ovis orientalis .ispahanica: In vitro and in vivo studies,European Journal of Wildlife Research,2009
- Eghbalsaied, S., Ghaedi, K., Forouzanfar, M., (...), Hosseini, S.M., Esfahani, M.H.N.,Science .92 .and technology of farm animal transgenesis,Yakhteh,2009
- Asgari, V., Forouzanfar, M., Hosseini, S.M., (...), Bahramian, H., Esfahani, M.H.N.,Optimized .93 .method for bovine blastocyst vitrification using a simple hand-made cryotip,Yakhteh,2009
- Nasr ,& Esfahani, M.H., Moulavi, F., Hosseini, S.M., Hajian, M., Shahverdi, A.,The effect of vero .94 cells co-culture on in vitro maturation of bovine immature oocytes and further embryo .development,Yakhteh,2008
- Hosseini, S.M., Hajian, M., Moulavi, F., Shahverdi, A.H., Nasr ,& Esfahani, M.H.,Optimized .95 combined electrical-chemical parthenogenetic activation for in vitro matured bovine .oocytes,Animal Reproduction Science,2008
- Ashtiani, S.K., Nasr ,& Esfahani, M.H., Hosseini, S.M., (...), Radpour, R., Salahshouri, I.,Royana: .96 .Successful experience in cloning the sheep,Yakhteh,2008
- Hosseini, S.M., Moulavi, F., Foruzanfar, M., (...), Shahverdi, A.H., Nasr ,& Esfahani, M.H.,Effect .97 of donor cell type and gender on the efficiency of in vitro sheep somatic cell cloning,Small .Ruminant Research,2008
- Hosseini, S.M., Moulavi, F., Hajian, M., (...), Shahverdi, A.H., Nasr ,& Esfahani, M.H.,Highly .98 efficient in vitro production of bovine blastocyst in cell-free sequential synthetic oviductal fluid .vs. TCM199 vero cell co-culture system,International Journal of Fertility and Sterility,2008
- Fazilati, M., Hosseini, S.M., Moulavi, F., (...), Salahshourifar, I., Nasr ,& Esfahani, M.H.,Genetic .99 relationship and the possibility of inter species breeding between domestic sheep (*Ovis Aries*) .and wild sheep (*Ovis Orientalis Ispahanica*),Yakhteh,2007

## کتاب‌ها

- 
۱. اصول درک مطلب انگلیسی
  ۲. برترین فناوری‌های داروسازی و پزشکی با چشم اندازهایی از اینده ۲۰۵۰
  ۳. انگلیسی برای دانشجویان مهندسی مکانیک (جهاد دانشگاهی اصفهان)
  ۴. قرآندهای اتصال دهی در سازه‌های مهندسی