



مرجان صباغیان

دانشیار

محل خدمت: پژوهشگاه علوم سلولی (رویان)



سوابق تحصیلی			
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پژوهشگاه رویان	عضو هیات علمی	رسمی قطعی	تمام وقت	

سوابق اجرایی

عضو هیات علمی پژوهشگاه رویان

مسئول آزمایشگاه تحقیقات بالینی تولید مثل رویان

عضویت در انجمن های علمی

دبیر علمی بیست و دومین کنگره بین‌المللی پزشکی تولیدمثل رویان

مقالات در نشریات

- Ghayda, R.A., Cannarella, R., Calogero, A.E., (...), Colpi, G., Agarwal, A., Artificial Intelligence in .1
.Andrology: From Semen Analysis to Image Diagnostics, World Journal of Men's Health, 2024
- Zandiyeh, S., Kalantari, H., Fakhri, A., (...), Janani, B.J., Sabbaghian, M., A review of recent .2
.developments in the application of nanostructures for sperm cryopreservation, Cryobiology, 2024
- Farkouh, A., Agarwal, A., Abdel, & Meguid Hamoda, T.A.A., (...), Minhas, S., Shah, .3
R., Controversy and Consensus on the Management of Elevated Sperm DNA Fragmentation in
Male Infertility: A Global Survey, Current Guidelines, and Expert Recommendations, World Journal
.of Men's Health, 2024
- Poursafari Talemi, E., Hosseini, S., & H., Gourabi, H., Sabbaghian, M., Mohseni Meybodi, .4

- A.,Evaluation of The 1499T>C Variant in The AKAP3 Gene of Infertile Men with Multiple Morphological Abnormalities of The Sperm Flagella Phenotype: A Case-Control Study,International Journal of Fertility and Sterility,2024
- Haratian, K., Boroujeni, P.B., Sabbaghian, M., (...), Moazenchi, M., Meybodi, A.M.,DEFB126 2-nt .5 Deletion (rs11467417) as a Potential Risk Factor for Chlamydia Trachomatis Infection and Subsequent Infertility in Iranian Men,Journal of Reproduction and Infertility,2024
- Kalantari, H., Sabbaghian, M., Vogiatzi, P., Colpi, G.M., Gilani, M.A.S.,New Insights beyond .6 Established Norms: A Scoping Review of Genetic Testing for Infertile Men,Urology Journal,2024
- Kalantari, H., Sabbaghian, M., Vogiatzi, P., (...), Colpi, G.M., Gilani, M.A.S.,Bridging the Gap .7 between AZF Microdeletions and Karyotype: Twelve Years' Experience of an Infertility Center,World Journal of Men's Health,2023
- Evgeni, E., Sabbaghian, M., Saleh, R., (...), Colpi, G., Agarwal, A.,Sperm DNA fragmentation test: .8 usefulness in assessing male fertility and assisted reproductive technology outcomes,Panminerva Medica,2023
- Agarwal, A., Farkouh, A., Saleh, R., (...), Kadıoğlu, A., Le, T.V.,Controversy and Consensus on .9 Indications for Sperm DNA Fragmentation Testing in Male Infertility: A Global Survey, Current Guidelines, and Expert Recommendations,World Journal of Men's Health,2023
- Agarwal, A., Farkouh, A., Saleh, R., (...), Lin, H., Shah, R,Technical Aspects and Clinical .10 Limitations of Sperm DNA Fragmentation Testing in Male Infertility: A Global Survey, Current Guidelines, and Expert Recommendations,World Journal of Men's Health,2023
- Rafaei, A., Kakavand, K., Sodeifi, N., Farrahi, F., Sabbaghian, M.,Effects of babydancer .11 lubricant on sperm parameters,Journal of Human Reproductive Sciences,2022
- Padidar, K., Vahidi, E., Sabbaghian, M., Behmanesh, A., Shams, R.,Identification of miRNAs .12 and the target genes related to male infertility and smoking using bioinformatics approaches,Human Fertility,2022
- Karimi, H., Boroujeni, P.B., Sabbaghian, M., Meybodi, A.M.,Gene Alterations and Expression .13 Spectrum of NANOS3 in Nonobstructive Azoospermia,Reproductive Sciences,2022
- Agarwal, A., Gupta, S., Sharma, R.K., (...), Durairajanayagam, D., Shah, R.,Post-Vasectomy .14 Semen Analysis: Optimizing Laboratory Procedures and Test Interpretation through a Clinical Audit and Global Survey of Practices,World Journal of Men's Health,2022
- Gupta, S., Sharma, R., Agarwal, A., (...), Durairajanayagam, D., Shah, R.,Antisperm Antibody .15 Testing: A Comprehensive Review of Its Role in the Management of Immunological Male Infertility and Results of a Global Survey of Clinical Practices,World Journal of Men's Health,2022
- Shah, R., Agarwal, A., Kavoussi, P., (...), Morimoto, Y., Cheng, Y. ,& S.,Consensus and Diversity .16 in the Management of Varicocele for Male Infertility: Results of a Global Practice Survey and Comparison with Guidelines and Recommendations,World Journal of Men's Health,2022
- Agarwal, A., Sharma, R.K., Gupta, S., (...), Morimoto, Y., Shah, R.,Sperm vitality and .17 necrozoospermia: diagnosis, management, and results of a global survey of clinical practice,World Journal of Men's Health,2022
- Heydari, R., Seresht , Ahmadi, M., Mirshahvaladi, S., Sabbaghian, M., Mohseni , Meybodi, .18 A.,KIF3B gene silent variant leading to sperm morphology and motility defects and male infertility,Biology of Reproduction,2022
- Mohammadi, R., Mousavi, S.O., Sheibak, N., (...), Eslami, M., Aflatoonian, R.,Sperm-oviduct .19 interaction: Differential gene expression of growth factors induced by sperm DNA fragmentation,Andrologia,2022
- Sabbaghian, M., Hosseinfar, H., Rafaei, A., Gilani, M.A.S,Assessment of the Impact Induced .20 by Different Incubation Time, Storage Time, Storage Medium and Thawing Methods on Sperm DNA Fragmentation Assay: A Before-After Study,Journal of Human Reproductive Sciences,2022
- Salehisedeh, N., Parhizkar, A., Yaghmaei, P., Sabbaghian, M.,Male Idiopathic .21

- Hypogonadotropic Hypogonadism: Serum Insulin-like Growth Factor-1 and Oestradiol Levels, *Journal of Human Reproductive Sciences*, 2022
- Almasi, M.Z., Aghajanpour, S., Hosseini, E., (...), Sabbaghian, M., Esfahani, M.H.N., Sperm Differentiation from a Cytoskeletal Perspective with a Focus on the Microtubulome: A New Window into Unknown Aspects of Male Infertility, *Journal of Isfahan Medical School*, 2022
- Rafaei, A., Kashani, Amin, E., Meybodi, A.M., Ebrahim, Habibi, A., Sabbaghian, M., Structural modeling of human AKAP3 protein and in silico analysis of single nucleotide polymorphisms associated with sperm motility, *Scientific Reports*, 2022
- Tafreshi, A.S., Zamani, Z., Sabbaghian, M., Khavari, & nejad, R.A., Arjmand, M., A Comparative in vitro Study of the Effect of Eosin B on Asexual Blood Stages and Gametocyte of Plasmodium falciparum, *Iranian Journal of Medical Microbiology*, 2021
- Agarwal, A., Finelli, R., Panner Selvam, M.K., (...), Korsak, V., Shah, R., A global survey of reproductive specialists to determine the clinical utility of oxidative stress testing and antioxidant use in male infertility, *World Journal of Men's Health*, 2021
- Hosseini, S. & H., Sabbaghian, M., Mohseni Meybodi, A., Maroufizadeh, S., Sadighi Gilani, M.A., Observational retrospective study of Intracytoplasmic sperm injection outcomes of 117 infertile men with severe short tail sperm defect, *Andrologia*, 2021
- Sharma, R., Gupta, S., Agarwal, A., (...), Durairajanayagam, D., Colpi, G.M., Relevance of leukocytospermia and semen culture and its true place in diagnosing and treating male infertility, *World Journal of Men's Health*, 2021
- Mousavi, S.O., Mohammadi, R., Amjadi, F., (...), Madani, T., Aflatoonian, R., Immunological response of fallopian tube epithelial cells to spermatozoa through modulating cytokines and chemokines, *Journal of Reproductive Immunology*, 2021
- Gupta, S., Sharma, R., Agarwal, A., (...), Evenson, D.P., Colpi, G.M., A comprehensive guide to sperm recovery in infertile men with retrograde ejaculation, *World Journal of Men's Health*, 2021
- Zandiyeh, S., Shahverdi, A., Ebrahimi, B., Sabbaghian, M., A novel approach for human sperm cryopreservation with AFP111, *Reproductive Biology*, 2020
- Vahabi Barzi, N., Kakavand, K., Sodeifi, N., Ghezelayagh, Z., Sabbaghian, M., Expression and localization of Septin 14 gene and protein in infertile men testis, *Reproductive Biology*, 2020
- Alimohammadi, F., Ebrahimi Nasab, M., Rafaei, A., (...), Sadighi Gilani, M.A., Sabbaghian, M., Corrigendum to: Deletion of dpy-19 like 2 (DPY19L2) gene is associated with total but not partial globozoospermia, *Reproduction, fertility, and development*, 2020
- Nazari, M., Babakhanzadeh, E., Zarch, S.M.A., (...), Sabbaghian, M., Ghasemi, N., Upregulation of the RNF8 gene can predict the presence of sperm in azoospermic individuals, *Clinical and Experimental Reproductive Medicine*, 2020
- Bagheri, H., Yaghmaei, P., Modaresi, M., Sabbaghian, M., Ebrahim, & Habibi, A., Glycyrrhizin Improves Fatty Liver Symptoms, Increases Adiponectin and Reduces UCP2 Expression in Wistar Rats, *Proceedings of the National Academy of Sciences India Section B - Biological Sciences*, 2020
- Rafaei, A., Mohseni Meybodi, A., Yaghmaei, P., Hosseini, S.H., Sabbaghian, M., Single-nucleotide polymorphism c.474G>A in the SEPT12 gene is a predisposing factor in male infertility, *Molecular Reproduction and Development*, 2020
- Atshan, M., Kakavand, K., Hosseini, S.H., (...), Mohseni Meybodi, A., Sabbaghian, M., Evaluation of sperm DNA fragmentation and chromatin structure in infertile men with immotile short-tail sperm defect, *Andrologia*, 2020
- Alimohammadi, F., Nasab, M.E., Rafaei, A., (...), Gilani, M.A.S., Sabbaghian, M., Deletion of dpy-19 like 2 (DPY19L2) gene is associated with total but not partial globozoospermia, *Reproduction, Fertility and Development*, 2020
- Sharifi, N., Sabbaghian, M., Farrahi, F., (...), Boroujeni, P.B., Meybodi, A.M., Cytogenetic assessment of Iranian infertile men with undescended testis: A retrospective study, *Jornal*

- .Brasileiro de Reproducao Assistida,2020
- Sabbaghian, M., Mahmudi, R., Shin, K.S.,Effect of texture and twinning on mechanical .39
properties and corrosion behavior of an extruded biodegradable Mg-4Zn alloy,Journal of
.Magnesium and Alloys,2019
- Sajadi, H., Hosseini, J., Farrahi, F., (...), Eftekhari ,& Yazdi, P., Gilani, M.A.S.,Varicocele .40
may improve results for sperm retrieval and pregnancy rate in non-obstructive azoospermic
.men,International Journal of Fertility and Sterility,2019
- Borjian Boroujeni, P., Sabbaghian, M., Vosough Dizaji, A., (...), Zamanian, M.R., Mohseni .41
Meybodi, A....,Clinical aspects of infertile 47,XXX patients: a retrospective study,Human
.Fertility,2019
- Evaluation of Versatile Peroxidase's Activity and Conformation in the Presence of a Hydrated .42
Urea Based Deep Eutectic Solvent,Evaluation of Versatile Peroxidase's Activity and Conformation
in the Presence of a Hydrated Urea Based Deep Eutectic Solvent,Journal of Solution
.Chemistry,2019
- Firouzi, V., Borjian Boroujeni, P., Rokhsat Talab, Z., (...), Sabbaghian, M., Mohseni Meybodi, .43
A.,Possible role of androgen receptor gene in therapeutic response of infertile men with
.hypogonadotropic hypogonadism,Systems Biology in Reproductive Medicine,2019
- Boroujeni, P.B., Ebrahimian, S., Abedini, M., (...), Sabbaghian, M., Meybodi, A.M.,The role of .44
DEFB126 variation in male infertility and medically assisted reproduction technique
outcome,Reproductive BioMedicine Online, 39(4):649-657 Abstract: Article has an altmetric
.score of 3 Altmetrics FWCI: 1.6 Research question: Human DEF,2019
- Hasani, N., Mohseni Meybodi, A., Rafeae, A., (...), Mohammadzadeh, R., Sabbaghian, .45
M.,Spermatogenesis disorder is associated with mutations in the ligand-binding domain of an
.androgen receptor,Andrologia,2019
- Sadeghi Tafreshi, A., Zamani, Z., Sabbaghian, M., (...), Sadeghi, S., Mohammadi, M.,A .46
metabolomic investigation of the effect of eosin b on gametocyte of plasmodium falciparum
.using ¹HNMR spectroscopy,Iranian Journal of Parasitology,2019
- Boroujeni, P.B., Sabbaghian, M., Totonchi, M., (...), Sadighi ,& Gilani, M.A., Gourabi, .47
H.,Expression analysis of genes encoding TEX11, TEX12, TEX14 and TEX15 in testis tissues of
.men with non-obstructive azoospermia,Jornal Brasileiro de Reproducao Assistida,2018
- Eelaminejad, Z., Favaedi, R., Modarresi, T., (...), Gilani, M.A.S., Shahhoseini, M.,Association .48
between JMJD1A expression and sperm retrieval in non-obstructive azoospermic patients,Cell
.Journal,2018
- Mohammadpour Lashkari, F., Sadighi Gilani, M.A., Ghaheri, A., (...), Mohseni Meybodi, A., .49
Sabbaghian,...,Clinical aspects of 49 infertile males with 45,X/46,XY mosaicism karyotype: A
.case series,Andrologia,2018
- Sabbaghian, M., Mohseni Meybodi, A., Rafeae, A., (...), Zamanian, M., Sadighi Gilani, .50
M.A.,Sperm retrieval rate and reproductive outcome of infertile men with azoospermia factor c
.deletion,Andrologia,2018
- Borjian Boroujeni, P., Firouzi, V., Zari Moradi, S., (...), Sabbaghian, M., Mohseni ,& Meybodi, .51
A.,Study of trinucleotide expansions and expression of androgen receptor in infertile men with
.abnormal spermogram referred to Royan institute,Andrologia,2018
- Kamkar, N., Ramezanalil, F., Sabbaghian, M.,The relationship between sperm DNA .52
fragmentation, free radicals and antioxidant capacity with idiopathic repeated pregnancy
.loss,Reproductive Biology,2018
- Mamashli, F., Badraghi, J., Delavari, B., (...), Hosseini, M., Saboury, A.A.,Improvement of .53
versatile peroxidase activity and stability by a cholinium-based ionic liquid,Journal of Molecular
.Liquids,2018
- Monsef, L., Borjian Boroujeni, P., Totonchi, M., Sabbaghian, M., Mohseni Meybodi, A.,Gene .54
alterations and expression spectrum of SPATA33 in nonobstructive azoospermic Iranian

men, *Molecular Reproduction and Development*, 2018

Razavi, S.M., Sabbaghian, M., Jalili, M., (...), Wolkenhauer, O., Salehzadeh, & Yazdi, .55
A., *Comprehensive functional enrichment analysis of male infertility*, *Scientific Reports*, 2017

Chehrizi, M., Rahimiforoushani, A., Sabbaghian, M., (...), Mohammad, K., Samani, R.O., Sperm .56
retrieval in patients with klinefelter syndrome: A skewed regression model analysis, *International*
Journal of Fertility and Sterility, 2017

Mohammadpour Lashkari, F., Totonchi, M., Zamanian, M.R., (...), Sabbaghian, M., Mohseni .57
Meybodi, A., 46, XX males: a case series based on clinical and genetics
evaluation, *Andrologia*, 2017

Alikhani, M., Mirzaei, M., Sabbaghian, M., (...), Baharvand, H., Salekdeh, G.H., Quantitative .58
proteomic analysis of human testis reveals system-wide molecular and cellular pathways
associated with non-obstructive azoospermia, *Journal of Proteomics*, 2017

Hosseini, S.H., Sadighi Gilani, M.A., Meybodi, A.M., Sabbaghian, M., The impact of RABL2B .59
gene (rs144944885) on human male infertility in patients with oligoasthenoteratozoospermia
and immotile short tail sperm defects, *Journal of Assisted Reproduction and Genetics*, 2017

Lakpour, M.R., Aghajani, S., Koruji, M., (...), Aflatoonian, R., Rajabian, & Naghandar, .60
M., Isolation, culture and characterization of human sertoli cells by flow cytometry: Development
of procedure, *Journal of Reproduction and Infertility*, 2017

Lakpour, M.R., Koruji, M., Shahverdi, A., (...), Sabbaghian, M., Aflatoonian, R., The expression .61
of TLR2 and TLR3 in sertoli cells of azoospermic patients, *Cell Journal*, 2017

Vaezzadeh, M., Sabbaghian, M., Yaghmaei, P., Ebrahim, & Habibi, A., Effect of organic .62
solvents on porcine pancreatic lipase thermal aggregation, *Protein and Peptide Letters*, 2017

Sabbaghian, M., Mahmudi, R., Microstructural Evolution and Local Mechanical Properties of .63
Friction Stir Processed Mg-3Gd-1Zn Cast Alloy, *Journal of Materials Engineering and*
Performance, 2016

Shojaee, H., Sabbaghian, M., Ebrahim, & Habibi, A., Acarbose and the thermal aggregation of .64
Bacillus amyloliquefaciens alpha-amylase (BAA): Protective effect of an inhibitor, *Journal of*
Chemical Technology and Biotechnology, 2016

Es, haggi, A., Ebrahim, Habibi, A., Sabbaghian, M., Nemat, Gorgani, M., Amyloid-like .65
aggregates formation by bovine apo-carbonic anhydrase in various alcohols: A comparative
study, *International Journal of Biological Macromolecules*, 2016

Amiri, Yekta, A., Coutton, C., Kherraf, Z., E., (...), Gourabi, H., Ray, P.F., Whole-exome .66
sequencing of familial cases of multiple morphological abnormalities of the sperm flagella
(MMAF) reveals new DNAH1 mutations, *Human Reproduction*, 2016

Rastegar, D.A., Tabar, M.S., Alikhani, M., (...), Baharvand, H., Salekdeh, G.H., Isoform-level .67
gene expression profiles of human y chromosome azoospermia factor genes and their X
chromosome paralogs in the testicular tissue of non-obstructive azoospermia patients, *Journal of*
Proteome Research, 2015

Vetro, A., Dehghani, M.R., Kraoua, L., (...), Bonaglia, M.C., Zuffardi, O., Testis development in .68
the absence of SRY: Chromosomal rearrangements at SOX9 and SOX3, *European Journal of*
Human Genetics, 2015

Shahhoseini, M., Azad, M., Sabbaghian, M., (...), Gilani, M.A.S., Gourabi, H., New single .69
nucleotide polymorphism G5508A in the SEPT12 gene may be associated with idiopathic male
infertility in Iranian men, *Iranian Journal of Reproductive Medicine*, 2015

Haji Ebrahim Zargar, H., Mohseni Meybodi, A., Sabbaghian, M., (...), Farhangniya, M., .70
Shahzadeh Fazeli, ... Association of two polymorphisms in H2B.W gene with azoospermia and
severe oligozoospermia in an Iranian population, *International Journal of Fertility and*
Sterility, 2015

Hosseinifar, H., Yazdanikhah, S., Modarresi, T., (...), Sadighi Gilani, M.A., Sabbaghian, .71
M., Correlation between sperm DNA fragmentation index and CMA3 positive spermatozoa in

- .globozoospermic patients, *Andrology*, 2015
- Modarresi, T., Hosseinifar, H., Hampa, A.D., (...), Sabbaghian, M., Gilani, M.A.S., Predictive .72 factors of successful microdissection testicular sperm extraction in patients with presumed .sertoli cell-only syndrome, *International Journal of Fertility and Sterility*, 2015
- Rasouli, F., Sabbaghian, M., Sadighi, & Gilani, M.A., Monajemi, R., Assessment of sperm DNA .73 fragmentation in patients with partial globozoospermia, *Journal of Isfahan Medical School*, 2015
- Asia, S., Nasab, H.V., Sabbaghian, M., (...), Gourabi, H., Meybodi, A.M., A rare de novo .74 complex chromosomal rearrangement (CCR) involving four chromosomes in an oligo- .asthenospermic infertile man, *Cell Journal*, 2014
- Hosseinifar, H., Sabbaghian, M., Chehrizi, M., (...), Alipour, F.J., Sadighi Gilani, .75 M.A., Assessment of deoxyribonucleic acid fragmentation index, testicular volume, semen parameters, and hormone profile in gonadotropin-treated men with hypogonadotropic .hypogonadism, *Urology*, 2014
- Sabbaghian, M., Modarresi, T., Hosseinifar, H., (...), Khalili, G., Sadighi Gilani, .76 M.A., Comparison of sperm retrieval and intracytoplasmic sperm injection outcome in patients .with and without Klinefelter syndrome, *Urology*, 2014
- Akramifard, H.R., Shamanian, M., Sabbaghian, M., Esmailzadeh, M., Microstructure and .77 mechanical properties of Cu/SiC metal matrix composite fabricated via friction stir .processing, *Materials and Design*, 2014
- Shafipour, M., Sabbaghian, M., Shahhoseini, M., Gilani, M.A.S., Comparative expression .78 analysis of Septin 14 in testes of infertile men with normal spermatogenesis and spermatogenic .failure, *Iranian Journal of Reproductive Medicine*, 2014
- Ansari, N., Hadi, & Alijanvand, H., Sabbaghian, M., Kiaei, M., Khodaghali, F., Interaction of 2- .79 APB, dantrolene, and TDMT with IP3R and RyR modulates ER stress-induced programmed cell death I and II in neuron-like PC12 cells: An experimental and computational investigation, *Journal of Biomolecular Structure and Dynamics*, 2014
- Karimi, H., Sabbaghian, M., Haratian, K., (...), Gourabi, H., Mohseni Meybodi, A., A rare case of .80 klinefelter syndrome patient with quintuple mosaic karyotype, diagnosed by GTG-banding and .FISH, *International Journal of Fertility and Sterility*, 2014
- Saeidi, S., Shapouri, F., Amirchaghmaghi, E., (...), Pacey, A.A., Aflatoonian, R., Sperm .81 protection in the male reproductive tract by Toll-like receptors, *Andrologia*, 2014
- Hosseinifar, H., Shafipour, M., Modarresi, T., (...), Shahhosseini, M., Sabbaghian, .82 M., Relationship between absence of annulus and asthenozoospermia in Iranian men, *Journal of Assisted Reproduction and Genetics*, 2014
- Hosseinifar, H., Sabbaghian, M., Nasrabadi, D., (...), Gourabi, H., Gilani, M.A.S., Study of the .83 effect of varicocelectomy on sperm proteins expression in patients with varicocele and poor sperm quality by using two-dimensional gel electrophoresis, *Journal of Assisted Reproduction and Genetics*, 2014
- Alikhani, M., Tabar, M.S., Mirshahvaladi, S., (...), Gilani, M.A.S., Sabbaghian, M., Expression .84 analysis of RNA-binding motif gene on Y chromosome (RBM1) protein isoforms in testis tissue .and a testicular germ cell cancer-derived cell line (NT2), *Iranian Biomedical Journal*, 2013
- Jangravi, Z., Alikhani, M., Arefnezhad, B., (...), Gourabi, H., Salekdeh, G.H., A fresh look at the .85 .male-specific region of the human y chromosome, *Journal of Proteome Research*, 2013
- Azami, Movahed, M., Shariatizi, S., Sabbaghian, M., (...), Ebrahim, Habibi, A., Nemat, .86 Gorgani, M., Heme binding site in apomyoglobin may be effectively targeted with small molecules .to control aggregation, *International Journal of Biochemistry and Cell Biology*, 2013
- Hosseinifar, H., Gourabi, H., Salekdeh, G.H., (...), Modarresi, T., Gilani, M.A.S., Study of sperm .87 protein profile in men with and without varicocele using two-dimensional gel .electrophoresis, *Urology*, 2013
- Modarresi, T., Sabbaghian, M., Shahverdi, A., (...), Akhlaghi, A.A., Gilani, M.A.S., Enzymatic .88

- digestion improves testicular sperm retrieval in non-obstructive azoospermic patients, *International Journal of Reproductive BioMedicine*, 2013
- Asadpor, U., Totonchi, M., Sabbaghian, M., (...), Gourabi, H., Mohseni Meybodi, A., Ubiquitin-specific protease (USP26) gene alterations associated with male infertility and recurrent pregnancy loss (RPL) in Iranian infertile patients, *Journal of Assisted Reproduction and Genetics*, 2013
- Sabbaghian, M., Modarresi, T., Hosseinifar, H., (...), Hosseini, J., Gilani, M.A.S., Predictive value of semen parameters and age of the couple in pregnancy outcome after intrauterine insemination, *Tehran University Medical Journal*, 2013
- Sabbaghian, M., Ebrahim, Habibi, A., Hosseinkhani, S., Ghasemi, A., Nemat, Gorgani, M., Prevention of thermal aggregation of an allosteric protein by small molecules: Some mechanistic insights, *International Journal of Biological Macromolecules*, 2011
- Maghsoudi, A.H., Khodaghali, F., Hadi, & Alijanvand, H., (...), Abtahi, S., Maghsoudi, N., Homology modeling, docking, molecular dynamics simulation, and structural analyses of coxsakievirus B3 2A protease: An enzyme involved in the pathogenesis of inflammatory myocarditis, *International Journal of Biological Macromolecules*, 2011
- Rabiee, A., Ebrahim, Habibi, A., Navidpour, L., (...), Nemati, Lay, M., Nemat, Gorgani, M., Benzofuranone Derivatives as Effective Small Molecules Related to Insulin Amyloid Fibrillation: A Structure-Function Study, *Chemical Biology and Drug Design*, 2011
- Sabbaghian, M., Meybodi, A.M., Rahimian, M., Sadighi Gilani, M.A., Occurrence of 47,X,i(X)(q10),Y Klinefelter variant with hypogonadotropic hypogonadism, *Fertility and Sterility*, 2011
- Fibrillation of alpha-lactalbumin: Effect of crocin and safranal, two natural small molecules from *Crocus sativus*, *Biopolymers*, 2010
- Ebrahim, Habibi, A., Morshedi, D., Rezaei, Ghaleh, N., Sabbaghian, M., Nemat, Gorgani, M., Protein-protein interactions leading to aggregation: Perspectives on mechanism, significance and control, *Journal of the Iranian Chemical Society*, 2010
- Modarresi, T., Parivar, K., Kouchesfehiani, H.M., (...), Heidari, & Vala, H., Sadeghi, M.R., Isolation and recognition of spermatogenic cell lineages from mouse testis tissue, *Yakhteh*, 2010
- Maghsoudi, N., Tafreshi, N.Kh., Khodaghali, F., (...), Moosavi, M., Zeinoddini, M., Targeting enteroviral 2A protease by a 16-mer synthetic peptide: Inhibition of 2A-pro-induced apoptosis in a stable Tet-on HeLa cell line, *Virology*, 2010
- Sabbaghian, M., Ebrahim, Habibi, A., Nemat, Gorgani, M., Thermal aggregation of a model allosteric protein in different conformational states, *International Journal of Biological Macromolecules*, 2009
- Maghsoudi, N., Khodaghali, F., Sadjadi, M., Zeinodini, M., Sabbaghian, M., Purification and partial characterization of coxsakievirus B3 2A protease expressed in *Escherichia coli*, *International Journal of Biological Macromolecules*, 2008