

# Mohammad Reza Sadeghi

## List of Publications by Year in descending order

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Version: 2024-02-01

60  
papers

1,585  
citations

304368

22  
h-index

329751

37  
g-index

60  
all docs

60  
docs citations

60  
times ranked

2192  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reactive oxygen species and male reproductive hormones. <i>Reproductive Biology and Endocrinology</i> , 2018, 16, 87.	1.4	189
2	Intake of food groups and idiopathic asthenozoospermia: a case-control study. <i>Human Reproduction</i> , 2012, 27, 3328-3336.	0.4	116
3	Nutritional modifications in male infertility: a systematic review covering 2 decades. <i>Nutrition Reviews</i> , 2016, 74, 118-130.	2.6	109
4	Effect of Coenzyme Q10 supplementation on antioxidant enzymes activity and oxidative stress of seminal plasma: a double-blind randomised clinical trial. <i>Andrologia</i> , 2014, 46, 177-183.	1.0	98
5	Expression profiling of vitamin D receptor in placenta, decidua and ovary of pregnant mice. <i>Placenta</i> , 2011, 32, 657-664.	0.7	72
6	The micronutrient supplements, zinc sulphate and folic acid, did not ameliorate sperm functional parameters in oligoasthenoteratozoospermic men. <i>Andrologia</i> , 2014, 46, 956-962.	1.0	69
7	Dietary fatty acid intakes and Asthenozoospermia: a case-control study. <i>Fertility and Sterility</i> , 2015, 103, 190-198.	0.5	59
8	Coenzyme Q10 improves seminal oxidative defense but does not affect on semen parameters in idiopathic oligoasthenoteratozoospermia: a randomized double-blind, placebo controlled trial. <i>Journal of Endocrinological Investigation</i> , 2011, 34, e224-8.	1.8	58
9	Reactive oxygen species-induced alterations in H19-Igf2 methylation patterns, seminal plasma metabolites, and semen quality. <i>Journal of Assisted Reproduction and Genetics</i> , 2019, 36, 241-253.	1.2	50
10	Immobilization effect of <i>Ruta graveolens</i> L. on human sperm: A new hope for male contraception. <i>Journal of Ethnopharmacology</i> , 2008, 115, 36-41.	2.0	46
11	Quantification of sperm specific mRNA transcripts ( <i>PRM1</i> , <i>PRM2</i> , and <i>TNP2</i> ) in teratozoospermia and normozoospermia: New correlations between mRNA content and morphology of sperm. <i>Molecular Reproduction and Development</i> , 2015, 82, 26-35.	1.0	42
12	Raised Inflammatory Markers in Semen From Men With Asymptomatic Chlamydial Infection. <i>Journal of Andrology</i> , 2010, 31, 114-120.	2.0	41
13	Role of vitamin E and D3 supplementation in Intra-Cytoplasmic Sperm Injection outcomes of women with polycystic ovarian syndrome: A double blinded randomized placebo-controlled trial. <i>Clinical Nutrition ESPEN</i> , 2017, 18, 23-30.	0.5	40
14	Quality of life and depression in caregivers of patients with breast cancer. <i>BMC Research Notes</i> , 2012, 5, 310.	0.6	37
15	Nutrient patterns and asthenozoospermia: a case-control study. <i>Andrologia</i> , 2017, 49, e12624.	1.0	36
16	Association between plasminogen activator inhibitor 1 gene mutation and different subgroups of recurrent miscarriage and implantation failure. <i>Journal of Assisted Reproduction and Genetics</i> , 2014, 31, 121-124.	1.2	33
17	Adherence to the Western Pattern Is Potentially an Unfavorable Indicator of Asthenozoospermia Risk: A Case-Control Study. <i>Journal of the American College of Nutrition</i> , 2016, 35, 50-58.	1.1	33
18	Metabolomics fingerprinting of seminal plasma from unexplained infertile men: A need for novel diagnostic biomarkers. <i>Molecular Reproduction and Development</i> , 2015, 82, 150-150.	1.0	30

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19	Suicidal Behavior and Attitudes Among Medical Students in the United Arab Emirates. <i>Crisis</i> , 2013, 34, 116-123.	0.9	29
20	Ooplasmic transfer in human oocytes: efficacy and concerns in assisted reproduction. <i>Reproductive Biology and Endocrinology</i> , 2017, 15, 77.	1.4	28
21	Effects of sperm chromatin integrity on fertilization rate and embryo quality following intracytoplasmic sperm injection. <i>Avicenna Journal of Medical Biotechnology</i> , 2009, 1, 173-80.	0.2	25
22	Evaluation of the relationship between endometriosis and omega-3 and omega-6 polyunsaturated fatty acids. <i>Iranian Biomedical Journal</i> , 2012, 16, 38-43.	0.4	23
23	The inductive effects of <i>Centella asiatica</i> on rat spermatogenic cell apoptosis in vivo. <i>Journal of Natural Medicines</i> , 2012, 66, 271-278.	1.1	21
24	Seminal molecular markers as a non-invasive diagnostic tool for the evaluation of spermatogenesis in non-obstructive azoospermia. <i>Systems Biology in Reproductive Medicine</i> , 2011, 57, 190-196.	1.0	19
25	Effects of coadministration of DHA and vitamin E on spermatogram, seminal oxidative stress, and sperm phospholipids in asthenozoospermic men: a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2020, 112, 707-719.	2.2	18
26	Effect of Administration of Single Dose GnRH Agonist in Luteal Phase on Outcome of ICSI-ET Cycles in Women with Previous History of IVF/ICSI Failure: A Randomized Controlled Trial. <i>Journal of Reproduction and Infertility</i> , 2015, 16, 96-101.	1.0	18
27	Relationship of seminal plasma antioxidants and serum male hormones with sperm chromatin status in male factor infertility. <i>Systems Biology in Reproductive Medicine</i> , 2012, 58, 236-244.	1.0	16
28	Correlation of CMA3 Staining with Sperm Quality and Protamine Deficiency. <i>Laboratory Medicine</i> , 2012, 43, 262-267.	0.8	16
29	Discrepancy in the Frequency of Y Chromosome Microdeletions Among Iranian Infertile Men with Azoospermia and Severe Oligozoospermia. <i>Genetic Testing and Molecular Biomarkers</i> , 2012, 16, 931-934.	0.3	14
30	Oxidative stress-induced alterations in seminal plasma antioxidants: Is there any association with <i>Keap1</i> gene methylation in human spermatozoa?. <i>Andrologia</i> , 2019, 51, e13159.	1.0	14
31	The Association of Seminal Plasma Antioxidant Levels and Sperm Chromatin Status with Genetic Variants of <i>GSTM1</i> and <i>GSTP1</i> (Ile105Val and Ala114Val) in Infertile Men with Oligoasthenoteratozoospermia. <i>Disease Markers</i> , 2013, 34, 205-210.	0.6	13
32	Seminal Levels of IL-10, IL-12, and IL-17 in Men with Asymptomatic Chlamydia Infection. <i>Inflammation</i> , 2014, 37, 122-126.	1.7	13
33	Sperm chromatin integrity: etiologies and mechanisms of abnormality, assays, clinical importance, preventing and repairing damage. <i>Avicenna Journal of Medical Biotechnology</i> , 2009, 1, 147-60.	0.2	12
34	Effects of very rapid versus vapor phase freezing on human sperm parameters. <i>Cell and Tissue Banking</i> , 2013, 14, 679-685.	0.5	10
35	Fourier transform infrared spectroscopy: a potential technique for noninvasive detection of spermatogenesis. <i>Avicenna Journal of Medical Biotechnology</i> , 2014, 6, 47-52.	0.2	10
36	Efficacy of Intrauterine Injection of Granulocyte Colony Stimulating Factor (G-CSF) on Treatment of Unexplained Recurrent Miscarriage: A Pilot RCT Study. <i>Journal of Reproduction and Infertility</i> , 2017, 18, 379-385.	1.0	10

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37	CME Article: The Acupuncture-Affected Gene Expressions and Epigenetic Modifications in Oxidative Stress-Associated Diseases. <i>Medical Acupuncture</i> , 2016, 28, 16-27.	0.3	9
38	ART Outcomes in GnRH Antagonist Protocol (Flexible) and Long GnRH Agonist Protocol during Early Follicular Phase in Patients with Polycystic Ovary Syndrome: A Randomized Clinical Trial. <i>Journal of Reproduction and Infertility</i> , 2015, 16, 148-54.	1.0	9
39	Molecular analysis of testis biopsy and semen pellet as complementary methods with histopathological analysis of testis in non-obstructive azoospermia. <i>Journal of Assisted Reproduction and Genetics</i> , 2014, 31, 707-715.	1.2	8
40	Experimental strategies towards increasing intracellular mitochondrial activity in oocytes: A systematic review. <i>Mitochondrion</i> , 2016, 30, 8-17.	1.6	8
41	A simple, rapid and economic manual method for human sperm DNA extraction in genetic and epigenetic studies. <i>Middle East Fertility Society Journal</i> , 2018, 23, 216-219.	0.5	8
42	NLRP3 inflammasome: A joint, potential therapeutic target in management of COVID-19 and fertility problems. <i>Journal of Reproductive Immunology</i> , 2021, 148, 103427.	0.8	8
43	The association of seminal plasma antioxidant levels and sperm chromatin status with genetic variants of GSTM1 and GSTP1 (Ile105Val and Ala114Val) in infertile men with oligoasthenoteratozoospermia. <i>Disease Markers</i> , 2013, 34, 205-10.	0.6	8
44	Fibronectin as a new biomarker for human sperm selection in assisted reproductive technology. <i>Turkish Journal of Urology</i> , 2019, 45, 83-90.	1.3	7
45	The Effects of Exposure to Low Frequency Electromagnetic Fields on Male Fertility. <i>Alternative Therapies in Health and Medicine</i> , 2018, 24, 24-29.	0.0	7
46	Reconstruction of mammalian oocytes by germinal vesicle transfer: A systematic review. <i>International Journal of Reproductive BioMedicine</i> , 2017, 15, 601-612.	0.5	6
47	Preimplantation High-Resolution HLA Sequencing Using Next Generation Sequencing. <i>Biology of Blood and Marrow Transplantation</i> , 2018, 24, 1575-1580.	2.0	5
48	Assessing the potential of HSPA2 and ADAM2 as two biomarkers for human sperm selection. <i>Human Fertility</i> , 2020, 23, 123-133.	0.7	5
49	Effects of vitamin A, C and E, or omega-3 fatty acid supplementation on the level of paraoxonase and arylesterase activity in streptozotocin-induced diabetic rats: an investigation of activities in plasma, and heart and liver homogenates. <i>Singapore Medical Journal</i> , 2016, 57, 153-156.	0.3	5
50	The effect of paternal age on semen quality and fertilization outcome in men with normal sperm DNA compaction, reactive oxygen species, and total antioxidant capacity levels. <i>Turkish Journal of Urology</i> , 2019, 45, 164-170.	1.3	5
51	Comparing the different methods of sperm chromatin assessment concerning ART outcomes. <i>Turkish Journal of Urology</i> , 2020, 46, 348-353.	1.3	4
52	Reconstruction of mammalian oocytes by germinal vesicle transfer: A systematic review. <i>International Journal of Reproductive BioMedicine</i> , 2017, 15, 601-612.	0.5	4
53	Potential biomarkers for testicular germ cell tumour: Risk assessment, diagnostic, prognostic and monitoring of recurrence. <i>Andrologia</i> , 2021, 53, e13998.	1.0	3
54	Transplantation of Spermatogonial Stem Cells Suspension into Rete Testis of Azoospermia Mouse Model. <i>Urology Journal</i> , 2018, 15, 40-47.	0.3	3

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55	Comparing four laboratory three-parent techniques to construct human aged non-surrounded nucleolus germinal vesicle oocytes: A case-control study. <i>International Journal of Reproductive BioMedicine</i> , 2020, 18, 425-438.	0.5	2
56	Effect of polyunsaturated fatty acids on secretory phospholipase A2 type IIa in ectopic endometrial cells. <i>Iranian Journal of Reproductive Medicine</i> , 2012, 10, 321-8.	0.8	2
57	Reanalysis of discarded blastocysts for autosomal aneuploidy after sex selection in cleavage-stage embryos. <i>Clinical and Experimental Reproductive Medicine</i> , 2020, 47, 293-299.	0.5	1
58	High $\omega$ -3: $\omega$ -6 fatty acids ratio increases fatty acid binding protein 4 and extracellular secretory phospholipase A2IIa in human ectopic endometrial cells. <i>Iranian Journal of Reproductive Medicine</i> , 2014, 12, 755-64.	0.8	1
59	PolyCystic Ovary Syndrome in Monozygotic Twins Concordant for Lipid Profiles in Iranian Reproductive Women. <i>International Journal of Women's Health and Reproduction Sciences</i> , 2014, 2, 236-239.	0.2	0
60	Upstream or swim up processing technique: which one is more effective to select human sperm with high chromatin integrity. <i>International Journal of Reproductive BioMedicine</i> , 2018, 16, 463-468.	0.5	0