# Mohammad Karimian

List of Publications by Year
in descending order

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Version: 2024-02-01

| 54 | 1,200 | 361413 | 414414 |
|---|---|---|---|
| papers | citations | 20 | 32 |
| | | h-index | g-index |

| 56 | 56 | 56 | 1078 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Oxidative stress and male infertility: current knowledge of pathophysiology and role of antioxidant therapy in disease management. Cellular and Molecular Life Sciences, 2020, 77, 93-113. | 5.4 | 266 |
| 2 | The regulatory role of Toll-like receptors after ischemic stroke: neurosteroids as TLR modulators with the focus on TLR2/4. Cellular and Molecular Life Sciences, 2019, 76, 523-537. | 5.4 | 50 |
| 3 | Association of C677T transition of the human methylenetetrahydrofolate reductase (MTHFR) gene with male infertility. Reproduction, Fertility and Development, 2016, 28, 785. | 0.4 | 43 |
| 4 | Association of sperm mitochondrial DNA deletions with male infertility in an Iranian population. Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2018, 29, 615-623. | 0.7 | 40 |
| 5 | The survivin molecule as a doubleâ€edged sword in cellular physiologic and pathologic conditions and its role as a potential biomarker and therapeutic target in cancer. Journal of Cellular Physiology, 2020, 235, 725-744. | 4.1 | 40 |
| 6 | MTHFR-Ala222Val and male infertility: a study in Iranian men, an updated meta-analysis and an in silico-analysis. Reproductive BioMedicine Online, 2015, 31, 668-680. | 2.4 | 39 |
| 7 | The c.â^'190 C>A transversion in promoter region of protamine1 gene as a genetic risk factor for idiopathic oligozoospermia. Molecular Biology Reports, 2016, 43, 795-802. | 2.3 | 32 |
| 8 | Stem cellâ€based therapy for Parkinsonâ€™s disease with a focus on human endometriumâ€derived mesenchymal stem cells. Journal of Cellular Physiology, 2019, 234, 1326-1335. | 4.1 | 32 |
| 9 | Hippocampal inflammation and oxidative stress following exposure to diesel exhaust nanoparticles in male and female mice. Neurochemistry International, 2021, 145, 104989. | 3.8 | 31 |
| 10 | Lipoprotein lipase gene polymorphisms as risk factors for stroke: a computational and meta-analysis. Iranian Journal of Basic Medical Sciences, 2018, 21, 701-708. | 1.0 | 30 |
| 11 | Polymorphisms of the folate metabolizing enzymes: Association with SLE susceptibility and in silico analysis. Gene, 2017, 637, 161-172. | 2.2 | 29 |
| 12 | Role of Steroid Therapy after Ischemic Stroke by n-Methyl-d-Aspartate Receptor Gene Regulation. Journal of Stroke and Cerebrovascular Diseases, 2018, 27, 3066-3075. | 1.6 | 29 |
| 13 | Association of CCND1 Gene c.870G>A Polymorphism with Breast Cancer Risk: A Case-ControlStudy and a Meta-Analysis. Pathology and Oncology Research, 2017, 23, 621-631. | 1.9 | 28 |
| 14 | IL-1RA VNTR and IL-1Î± 4845G>T polymorphisms and risk of idiopathic male infertility in Iranian men: A case-control study and an in silico analysis. Andrologia, 2018, 50, e13081. | 2.1 | 27 |
| 15 | Association of C3953T transition in interleukin 1Î² gene with idiopathic male infertility in an Iranian population. Human Fertility, 2019, 22, 111-117. | 1.7 | 27 |
| 16 | Angiotensinogen-M235T as a risk factor for myocardial infarction in Asian populations: a genetic association study and a bioinformatics approach. Croatian Medical Journal, 2016, 57, 351-362. | 0.7 | 26 |
| 17 | Methionine synthase A2756G transition might be a risk factor for male infertility: Evidences from seven case-control studies. Molecular and Cellular Endocrinology, 2016, 425, 1-10. | 3.2 | 26 |
| 18 | Association analysis of the common varieties of IL17A and IL17F genes with the risk of knee osteoarthritis. Journal of Cellular Biochemistry, 2019, 120, 18020-18030. | 2.6 | 25 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Survivin polymorphisms and susceptibility to prostate cancer: A genetic association study and an analysis. EXCLI Journal, 2018, 17, 479-491. | 0.7 | 25 |
| 20 | Arg399Gln substitution in XRCC1 as a prognostic and predictive biomarker for prostate cancer: Evidence from 8662 subjects and a structural analysis. Journal of Gene Medicine, 2018, 20, e3053. | 2.8 | 24 |
| 21 | Protective effect of oestrogen receptor Î±-PvuII transition against idiopathic male infertility: a case-control study and meta-analysis. Reproductive BioMedicine Online, 2019, 38, 588-598. | 2.4 | 23 |
| 22 | Common gene polymorphism in ATPâ€binding cassette transporter A1 and coronary artery disease: A genetic association study and a structural analysis. Journal of Cellular Biochemistry, 2020, 121, 3345-3357. | 2.6 | 23 |
| 23 | Human MTHFR-G1793A transition may be a protective mutation against male infertility: a genetic association study and in silico analysis. Human Fertility, 2018, 21, 128-136. | 1.7 | 22 |
| 24 | Neurosteroids and their receptors in ischemic stroke: From molecular mechanisms to therapeutic opportunities. Pharmacological Research, 2020, 160, 105163. | 7.1 | 20 |
| 25 | CDX2 Protein Expression in Colorectal Cancer and ItsCorrelation with Clinical and Pathological Characteristics, Prognosis, and Survival Rate of Patients. Journal of Gastrointestinal Cancer, 2020, 51, 844-849. | 1.3 | 19 |
| 26 | Association of Human Methionine Synthase-A2756G Transition With Prostate Cancer: A Case-Control Study and in Silico Analysis. Acta Medica Iranica, 2017, 55, 297-303. | 0.8 | 19 |
| 27 | Heat shock protein 27 as a neuroprotective biomarker and a suitable target for stem cell therapy and pharmacotherapy in ischemic stroke. Cell Biology International, 2020, 44, 356-367. | 3.0 | 15 |
| 28 | CYP1A1 and GSTs common gene variations and presbycusis risk: a genetic association analysis and a bioinformatics approach. Environmental Science and Pollution Research, 2020, 27, 42600-42610. | 5.3 | 15 |
| 29 | Androgen receptor ()-CAG trinucleotide repeat length and idiopathic male infertility: a case-control trial and a meta-analysis. EXCLI Journal, 2018, 17, 1167-1179. | 0.7 | 15 |
| 30 | Serum Vitamins and Homocysteine Levels in Obsessive-Compulsive Disorder: A Systematic Review and Meta-Analysis. Neuropsychobiology, 2021, 80, 502-515. | 1.9 | 14 |
| 31 | Large-scale mtDNA deletions as genetic biomarkers for susceptibility to male infertility: A systematic review and meta-analysis. International Journal of Biological Macromolecules, 2020, 158, 85-93. | 7.5 | 13 |
| 32 | SPO11-C631T Gene Polymorphism: Association With Male Infertility and an in Silico-Analysis. Journal of Family & Reproductive Health, 2015, 9, 155-63. | 0.4 | 12 |
| 33 | Oxidative stress markers in seminal plasma of idiopathic infertile men may be associated with glutathione Sâ€transferase M1 and T1 null genotypes. Andrologia, 2020, 52, e13703. | 2.1 | 9 |
| 34 | G-Protein-Coupled Receptors and Ischemic Stroke: a Focus on Molecular Function and Therapeutic Potential. Molecular Neurobiology, 2021, 58, 4588-4614. | 4.0 | 9 |
| 35 | Herbal therapy as a promising approach for regulation on lipid profiles: A review of molecular aspects. Journal of Cellular Physiology, 2021, 236, 5533-5546. | 4.1 | 7 |
| 36 | Calcitriol Pretreatment Attenuates Glutamate Neurotoxicity by Regulating NMDAR and CYP46A1 Gene Expression in Rats Subjected to Transient Middle Cerebral Artery Occlusion. Journal of Neuropathology and Experimental Neurology, 2022, 81, 252-259. | 1.7 | 7 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Retinoic acid and 17Î²â€estradiol improve male germ cell differentiation from mouseâ€induced pluripotent stem cells. Andrologia, 2020, 52, e13466. | 2.1 | 6 |
| 38 | Calcitriol Ameliorates Brain Injury in the Rat Model of Cerebral Ischemia-Reperfusion Through Nrf2/HO-1 Signalling Axis: An in Silico and in Vivo Study. Journal of Stroke and Cerebrovascular Diseases, 2022, 31, 106331. | 1.6 | 6 |
| 39 | Survivin c.-31G>C (rs9904341) gene transversion and urinary system cancers risk: a systematic review and a meta-analysis. Personalized Medicine, 2019, 16, 67-78. | 1.5 | 5 |
| 40 | Retinoic acid and/or progesterone differentiate mouse induced pluripotent stem cells into male germ cells in vitro. Journal of Cellular Biochemistry, 2020, 121, 2159-2169. | 2.6 | 5 |
| 41 | Oxytocin improves ischemic stroke by reducing expression of excitatory amino acid transporter 3 in rat MCAO model. Journal of Immunoassay and Immunochemistry, 2021, 42, 513-524. | 1.1 | 5 |
| 42 | Influence of FOXP3 gene polymorphisms on the risk of preeclampsia: a metaâ€analysis and a bioinformatic approach. Clinical and Experimental Hypertension, 2022, 44, 280-290. | 1.3 | 5 |
| 43 | Coronary <scp>CT</scp> angiography by modifying tube voltage and contrast medium concentration: Evaluation of image quality and radiation dose. Echocardiography, 2019, 36, 1391-1396. | 0.9 | 4 |
| 44 | Genetic variations as molecular diagnostic factors for idiopathic male infertility: current knowledge and future perspectives. Expert Review of Molecular Diagnostics, 2021, 21, 1191-1210. | 3.1 | 4 |
| 45 | Association of Some High-Risk Mucosal Types of Human Papillomavirus with Cutaneous Squamous Cell Carcinoma in an Iranian Population. , 2019, 14, 313-316. | | 4 |
| 46 | IL-1Ë‘ C376A Transversion Variant and Risk of Idiopathic Male Infertility in Iranian Men: A Genetic Association Study. International Journal of Fertility & Sterility, 2018, 12, 229-234. | 0.2 | 4 |
| 47 | Association of Aâ€197G polymorphism in interleukinâ€17 gene with chronic periodontitis: Evidence from six caseâ€control studies with a computational biology approach. Journal of Investigative and Clinical Dentistry, 2019, 10, e12424. | 1.8 | 3 |
| 48 | The -592C>A variation of IL-10 gene and susceptibility to chronic periodontitis: A genetic association study and in-silico analysis. Journal of Oral Biosciences, 2021, 63, 378-387. | 2.2 | 3 |
| 49 | Alzheimer's disease treatment: The share of herbal medicines. Iranian Journal of Basic Medical Sciences, 2021, 24, 123-135. | 1.0 | 3 |
| 50 | Association Analysis of Methylenetetrahydrofolate Reductase Common Gene Polymorphisms with Breast Cancer Risk in an Iranian Population: A Case-Control Study and a Stratified Analysis. Asian Pacific Journal of Cancer Prevention, 2020, 21, 2709-2714. | 1.2 | 3 |
| 51 | Association Analysis of Methylenetetrahydrofolate Reductase Common Gene Polymorphisms with Breast Cancer Risk in an Iranian Population: A Case-Control Study and a Stratified Analysis. Asian Pacific Journal of Cancer Prevention, 2020, 21, 2709-2714. | 1.2 | 1 |
| 52 | Evaluation of the predictive value of Gensini score on determination of severity of coronary artery disease in cases with left bundle branch block. Comparative Clinical Pathology, 2018, 27, 1297-1301. | 0.7 | 0 |
| 53 | Primordial germ cells can be differentiated by retinoic acid and progesterone induction from embryonic stem cells. Journal of Biosciences, 2021, 46, 1. | 1.1 | 0 |
| 54 | Methylation Status of Promoter and Oligozoospermia Risk: An Epigenetic Study and in Silico Analysis. Cell Journal, 2021, 22, 482-490. | 0.2 | 0 |