

Roghayeh Sheervalilou

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

644
citations

623734

14
h-index

642732

23
g-index

43
all docs

43
docs citations

43
times ranked

616
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Emerging importance of nanotechnology-based approaches to control the COVID-19 pandemic; focus on nanomedicine iterance in diagnosis and treatment of COVID-19 patients. Journal of Drug Delivery Science and Technology, 2022, 67, 102967. | 3.0 | 19 |
| 2 | Association of Polymorphisms within HOX Transcript Antisense RNA (HOTAIR) with Type 2 Diabetes Mellitus and Laboratory Characteristics: A Preliminary Case-Control Study. Disease Markers, 2022, 2022, 1-11. | 1.3 | 16 |
| 3 | SARS-CoV-2 and influenza viruses: Strategies to cope with coinfection and bioinformatics perspective. Cell Biology International, 2022, , . | 3.0 | 10 |
| 4 | Long noncoding RNA HOTAIR polymorphisms and susceptibility to bipolar disorder: a preliminary case-control study. Nucleosides, Nucleotides and Nucleic Acids, 2022, 41, 684-701. | 1.1 | 8 |
| 5 | In Silico and Experimental Analysis of miR-125b-5 and miR-485-5p Expression in Serum of Patients with Breast Cancer. MicroRNA (Sharjah, United Arab Emirates), 2022, 11, . | 1.2 | 1 |
| 6 | Functional miR143/145 Cluster Variants and Haplotypes Are Associated with Chronic Kidney Disease: a Preliminary Case-Control Study and Computational Analyses. Applied Biochemistry and Biotechnology, 2021, 193, 1532-1544. | 2.9 | 7 |
| 7 | Convalescent Blood: Current Perspective on the Efficacy of a Legacy Approach in COVID-19 Treatment. Blood Purification, 2021, , 1-14. | 1.8 | 7 |
| 8 | Magnetic Hyperthermia as an adjuvant cancer therapy in combination with radiotherapy versus radiotherapy alone for recurrent/progressive glioblastoma: a systematic review. Journal of Neuro-Oncology, 2021, 152, 419-428. | 2.9 | 35 |
| 9 | Application of Nanobiotechnology for Early Diagnosis of SARS-CoV-2 Infection in the COVID-19 Pandemic. Applied Microbiology and Biotechnology, 2021, 105, 2615-2624. | 3.6 | 20 |
| 10 | Recent advances in iron oxide nanoparticles for brain cancer theranostics: from <i>in vitro</i> to clinical applications. Expert Opinion on Drug Delivery, 2021, 18, 1-29. | 5.0 | 17 |
| 11 | The role of autophagy in controlling SARS-CoV-2 infection: An overview on virophagy-mediated molecular drug targets. Cell Biology International, 2021, 45, 1599-1612. | 3.0 | 33 |
| 12 | IL1A and IL1B gene polymorphisms and keratoconus susceptibility: evidence from an updated meta-analysis. Ophthalmic Genetics, 2021, 42, 503-513. | 1.2 | 3 |
| 13 | Relationship between <i>miR-143/145</i> cluster variations and cancer risk: proof from a Meta-analysis. Nucleosides, Nucleotides and Nucleic Acids, 2021, 40, 578-591. | 1.1 | 15 |
| 14 | An Updated Review on Implications of Autophagy and Apoptosis in Tumorigenesis: Possible Alterations in Autophagy through Engineered Nanomaterials and Their Importance in Cancer Therapy. Molecular Pharmacology, 2021, 100, 119-143. | 2.3 | 12 |
| 15 | 8-Alkylmercaptocaffeine derivatives: antioxidant, molecular docking, and in-vitro cytotoxicity studies. Bioorganic Chemistry, 2021, 111, 104900. | 4.1 | 4 |
| 16 | Application of nanoparticles in cancer therapy with an emphasis on cell cycle. Cell Biology International, 2021, 45, 1989-1998. | 3.0 | 20 |
| 17 | An updated overview and classification of bioinformatics tools for MicroRNA analysis, which one to choose?. Computers in Biology and Medicine, 2021, 134, 104544. | 7.0 | 13 |
| 18 | Employing bioinformatics analysis to identify hub genes and microRNAs involved in colorectal cancer. Medical Oncology, 2021, 38, 114. | 2.5 | 11 |

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|----|--|-----|-----------|
| 19 | Relationship Between CASP9 and CASP10 Gene Polymorphisms and Cancer Susceptibility: Evidence from an Updated Meta-analysis. <i>Applied Biochemistry and Biotechnology</i> , 2021, 193, 4172-4196. | 2.9 | 7 |
| 20 | Functional Variants of miR-143 Are Associated with Schizophrenia Susceptibility: A Preliminary Population-Based Study and Bioinformatics Analysis. <i>Biochemical Genetics</i> , 2021, , 1. | 1.7 | 8 |
| 21 | Evaluation of Diagnostic Modalities for SARS-Cov-2: A Review Study. <i>International Journal of Epidemiologic Research</i> , 2021, 8, 129-137. | 0.4 | 3 |
| 22 | Novel Insight Into the Association Between Obesity and Hepatocellular Carcinoma Occurrence and Recurrence: High-Throughput Microarray Data Set Analysis of Differentially Expressed Genes. <i>JCO Clinical Cancer Informatics</i> , 2021, 5, 1169-1180. | 2.1 | 2 |
| 23 | New Insights into the Importance of Long Non-Coding RNAs in Lung Cancer: Future Clinical Approaches. <i>DNA and Cell Biology</i> , 2021, 40, 1476-1494. | 1.9 | 12 |
| 24 | Chromium (III) Complexes of 4,5-diazafluoren-9-one Ligand as Potential Anti-proliferative Agents: Synthesis, Characterization, DNA Binding, Molecular Docking and Cytotoxicity Evaluation.. <i>Iranian Journal of Pharmaceutical Research</i> , 2021, 20, 618-635. | 0.5 | 2 |
| 25 | A binuclear iron(III) complex of 5,5'-dimethyl-2,2'-bipyridine as cytotoxic agent. <i>BioMetals</i> , 2020, 33, 365-378. | 4.1 | 13 |
| 26 | Curcumin-loaded mesoporous silica nanoparticles/nanofiber composites for supporting long-term proliferation and stemness preservation of adipose-derived stem cells. <i>International Journal of Pharmaceutics</i> , 2020, 587, 119656. | 5.2 | 59 |
| 27 | SNPs in the 3'-untranslated region of SLC30A8 confer risk of type 2 diabetes mellitus in a south-east Iranian population: Evidences from case-control and bioinformatics studies. <i>Journal of Diabetes and Metabolic Disorders</i> , 2020, 19, 979-988. | 1.9 | 14 |
| 28 | Swimming training attenuates pancreatic apoptosis through miR-34a/Sirtuin1/P53 Axis in high-fat diet and Streptozotocin-induced Type-2 diabetic rats. <i>Journal of Diabetes and Metabolic Disorders</i> , 2020, 19, 1439-1446. | 1.9 | 10 |
| 29 | Machine learning as new promising technique for selection of significant features in obese women with type 2 diabetes. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2020, 41, . | 0.7 | 2 |
| 30 | A general view of CD33 ⁺ leukemic stem cells and CAR-T cells as interesting targets in acute myeloblastic leukemia therapy. <i>Blood Research</i> , 2020, 55, 10-16. | 1.3 | 21 |
| 31 | COVID-19 under spotlight: A close look at the origin, transmission, diagnosis, and treatment of the 2019-nCoV disease. <i>Journal of Cellular Physiology</i> , 2020, 235, 8873-8924. | 4.1 | 51 |
| 32 | Association of IL-1Ra Ser133Ser Variant with Susceptibility to Immune-Mediated and Inflammatory Diseases: A MetaAnalysis of 2622 Cases and 3854 Controls. <i>Iranian Journal of Public Health</i> , 2020, 49, 2320-2329. | 0.5 | 1 |
| 33 | Frequency and Correlation of Common Genes Copy Number Alterations in Childhood Acute Lymphoblastic Leukemia with Prognosis. <i>Asian Pacific Journal of Cancer Prevention</i> , 2020, 21, 3493-3500. | 1.2 | 3 |
| 34 | Relationship between Single Nucleotide Polymorphisms of and Schizophrenia Susceptibility: A Preliminary Case-Control Study and Bioinformatics Analysis. <i>International Journal of Molecular and Cellular Medicine</i> , 2020, 9, 154-164. | 1.1 | 2 |
| 35 | Recent advances on nanomaterials-based fluorimetric approaches for microRNAs detection. <i>Materials Science and Engineering C</i> , 2019, 104, 110007. | 7.3 | 70 |
| 36 | Swimming training by affecting the pancreatic Sirtuin1 (SIRT1) and oxidative stress, improves insulin sensitivity in diabetic male rats. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2019, 40, . | 0.7 | 15 |

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|----|--|-----|-----------|
| 37 | A new insight on serum microRNA expression as novel biomarkers in breast cancer patients. <i>Journal of Cellular Physiology</i> , 2019, 234, 19199-19211. | 4.1 | 31 |
| 38 | Electrochemical Nano-biosensors as Novel Approach for the Detection of Lung Cancer-related MicroRNAs. <i>Current Molecular Medicine</i> , 2019, 20, 13-35. | 1.3 | 30 |
| 39 | Circulating MiR-10b, MiR-1 and MiR-30a Expression Profiles in Lung Cancer: Possible Correlation with Clinico-pathologic Characteristics and Lung Cancer Detection. <i>International Journal of Molecular and Cellular Medicine</i> , 2019, 8, 118-129. | 1.1 | 14 |
| 40 | An update of the recombinant protein expression systems of Cyanovirin-N and challenges of preclinical development. <i>BiolImpacts</i> , 2018, 8, 139-151. | 1.5 | 22 |