

Saeid Ghavami

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

255
papers

16,072
citations

53
h-index

122
g-index

286
ext. papers

18,573
ext. citations

5.1
avg, IF

6.26
L-index

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 255 | Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222 | 10.2 | 3838 |
| 254 | Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012 , 8, 445-546.2 | 10.2 | 2783 |
| 253 | Autophagy and apoptosis dysfunction in neurodegenerative disorders. <i>Progress in Neurobiology</i> , 2014 , 112, 24-49 | 10.9 | 639 |
| 252 | Apoptosis and cancer: mutations within caspase genes. <i>Journal of Medical Genetics</i> , 2009 , 46, 497-510 | 5.8 | 512 |
| 251 | Cell survival, cell death and cell cycle pathways are interconnected: implications for cancer therapy. <i>Drug Resistance Updates</i> , 2007 , 10, 13-29 | 23.2 | 335 |
| 250 | Cancer stem cell markers in common cancers - therapeutic implications. <i>Trends in Molecular Medicine</i> , 2008 , 14, 450-60 | 11.5 | 305 |
| 249 | Beclin 1 and autophagy are required for the tumorigenicity of breast cancer stem-like/progenitor cells. <i>Oncogene</i> , 2013 , 32, 2261-72, 2272e.1-11 | 9.2 | 254 |
| 248 | S100A8/A9 at low concentration promotes tumor cell growth via RAGE ligation and MAP kinase-dependent pathway. <i>Journal of Leukocyte Biology</i> , 2008 , 83, 1484-92 | 6.5 | 221 |
| 247 | Glioblastoma and chemoresistance to alkylating agents: Involvement of apoptosis, autophagy, and unfolded protein response. <i>Pharmacology & Therapeutics</i> , 2018 , 184, 13-41 | 13.9 | 161 |
| 246 | S100A8/A9 induces autophagy and apoptosis via ROS-mediated cross-talk between mitochondria and lysosomes that involves BNIP3. <i>Cell Research</i> , 2010 , 20, 314-31 | 24.7 | 160 |
| 245 | Targeting the EGFR pathway for cancer therapy. <i>Current Medicinal Chemistry</i> , 2006 , 13, 3483-92 | 4.3 | 157 |
| 244 | Akt-mediated phosphorylation of CDK2 regulates its dual role in cell cycle progression and apoptosis. <i>Journal of Cell Science</i> , 2008 , 121, 979-88 | 5.3 | 134 |
| 243 | Brevinin-2R(1) semi-selectively kills cancer cells by a distinct mechanism, which involves the lysosomal-mitochondrial death pathway. <i>Journal of Cellular and Molecular Medicine</i> , 2008 , 12, 1005-22 | 5.6 | 128 |
| 242 | Autophagy is a regulator of TGF- β -induced fibrogenesis in primary human atrial myofibroblasts. <i>Cell Death and Disease</i> , 2015 , 6, e1696 | 9.8 | 127 |
| 241 | Microfluidic approaches for isolation, detection, and characterization of extracellular vesicles: Current status and future directions. <i>Biosensors and Bioelectronics</i> , 2017 , 91, 588-605 | 11.8 | 122 |
| 240 | Salinomycin induces activation of autophagy, mitophagy and affects mitochondrial polarity: differences between primary and cancer cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013 , 1833, 2057-69 | 4.9 | 118 |
| 239 | Cell adhesion molecules and their relation to (cancer) cell stemness. <i>Carcinogenesis</i> , 2014 , 35, 747-59 | 4.6 | 115 |

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| 238 | Cellular commitment in the developing cerebellum. <i>Frontiers in Cellular Neuroscience</i> , 2014 , 8, 450 | 6.1 | 110 |
| 237 | Mechanism of apoptosis induced by S100A8/A9 in colon cancer cell lines: the role of ROS and the effect of metal ions. <i>Journal of Leukocyte Biology</i> , 2004 , 76, 169-75 | 6.5 | 109 |
| 236 | Targeting the mevalonate cascade as a new therapeutic approach in heart disease, cancer and pulmonary disease. <i>Pharmacology & Therapeutics</i> , 2014 , 143, 87-110 | 13.9 | 101 |
| 235 | Cancer-specific toxicity of apoptin is independent of death receptors but involves the loss of mitochondrial membrane potential and the release of mitochondrial cell-death mediators by a Nur77-dependent pathway. <i>Journal of Cell Science</i> , 2005 , 118, 4485-93 | 5.3 | 96 |
| 234 | Cytotoxic effects of intra and extracellular zinc chelation on human breast cancer cells. <i>European Journal of Pharmacology</i> , 2007 , 557, 9-19 | 5.3 | 95 |
| 233 | Serum cytochrome c indicates in vivo apoptosis and can serve as a prognostic marker during cancer therapy. <i>International Journal of Cancer</i> , 2005 , 116, 167-73 | 7.5 | 95 |
| 232 | New frontiers in the treatment of colorectal cancer: Autophagy and the unfolded protein response as promising targets. <i>Autophagy</i> , 2017 , 13, 781-819 | 10.2 | 94 |
| 231 | S100A8/9 induces cell death via a novel, RAGE-independent pathway that involves selective release of Smac/DIABLO and Omi/HtrA2. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2008 , 1783, 297-311 | 4.9 | 94 |
| 230 | The urgent need for integrated science to fight COVID-19 pandemic and beyond. <i>Journal of Translational Medicine</i> , 2020 , 18, 205 | 8.5 | 92 |
| 229 | The roles of apoptosis, autophagy and unfolded protein response in arbovirus, influenza virus, and HIV infections. <i>Virulence</i> , 2019 , 10, 376-413 | 4.7 | 91 |
| 228 | Apoptosis, autophagy and ER stress in mevalonate cascade inhibition-induced cell death of human atrial fibroblasts. <i>Cell Death and Disease</i> , 2012 , 3, e330 | 9.8 | 87 |
| 227 | The effect of 2D and 3D cell cultures on treatment response, EMT profile and stem cell features in head and neck cancer. <i>Cancer Cell International</i> , 2019 , 19, 16 | 6.4 | 86 |
| 226 | Lack of association between paraoxonase-1 Q192R polymorphism and rheumatoid arthritis in southeast Iran. <i>Genetics and Molecular Research</i> , 2010 , 9, 333-9 | 1.2 | 83 |
| 225 | FDA approved drugs with pharmacotherapeutic potential for SARS-CoV-2 (COVID-19) therapy. <i>Drug Resistance Updates</i> , 2020 , 53, 100719 | 23.2 | 79 |
| 224 | S100A8/A9: a Janus-faced molecule in cancer therapy and tumorigenesis. <i>European Journal of Pharmacology</i> , 2009 , 625, 73-83 | 5.3 | 78 |
| 223 | Mevalonate cascade regulation of airway mesenchymal cell autophagy and apoptosis: a dual role for p53. <i>PLoS ONE</i> , 2011 , 6, e16523 | 3.7 | 73 |
| 222 | Betulin and its derivatives as novel compounds with different pharmacological effects. <i>Biotechnology Advances</i> , 2020 , 38, 107409 | 17.8 | 73 |
| 221 | Photodynamic N-TiO Nanoparticle Treatment Induces Controlled ROS-mediated Autophagy and Terminal Differentiation of Leukemia Cells. <i>Scientific Reports</i> , 2016 , 6, 34413 | 4.9 | 70 |

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|-----|--|------|----|
| 220 | Association of pre-miRNA-146a rs2910164 and pre-miRNA-499 rs3746444 polymorphisms and susceptibility to rheumatoid arthritis. <i>Molecular Medicine Reports</i> , 2013 , 7, 287-91 | 2.9 | 70 |
| 219 | Autophagy Activation in Asthma Airways Remodeling. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019 , 60, 541-553 | 5.7 | 70 |
| 218 | Mevalonate Cascade Inhibition by Simvastatin Induces the Intrinsic Apoptosis Pathway via Depletion of Isoprenoids in Tumor Cells. <i>Scientific Reports</i> , 2017 , 7, 44841 | 4.9 | 69 |
| 217 | Obesity: pathophysiology and clinical management. <i>Current Medicinal Chemistry</i> , 2009 , 16, 506-21 | 4.3 | 69 |
| 216 | Autophagy and the unfolded protein response promote profibrotic effects of TGF- β in human lung fibroblasts. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018 , 314, L493-L504 | 5.8 | 66 |
| 215 | S100A8/A9: a mediator of severe asthma pathogenesis and morbidity?. <i>Canadian Journal of Physiology and Pharmacology</i> , 2009 , 87, 743-55 | 2.4 | 65 |
| 214 | Glioblastoma cancer stem cell biology: Potential theranostic targets. <i>Drug Resistance Updates</i> , 2019 , 42, 35-45 | 23.2 | 64 |
| 213 | Unscheduled Akt-triggered activation of cyclin-dependent kinase 2 as a key effector mechanism of apoptin α anticancer toxicity. <i>Molecular and Cellular Biology</i> , 2009 , 29, 1235-48 | 4.8 | 64 |
| 212 | Could drugs inhibiting the mevalonate pathway also target cancer stem cells?. <i>Drug Resistance Updates</i> , 2016 , 25, 13-25 | 23.2 | 64 |
| 211 | Pre-administration of turmeric prevents methotrexate-induced liver toxicity and oxidative stress. <i>BMC Complementary and Alternative Medicine</i> , 2015 , 15, 246 | 4.7 | 62 |
| 210 | Statin-triggered cell death in primary human lung mesenchymal cells involves p53-PUMA and release of Smac and Omi but not cytochrome c. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2010 , 1803, 452-67 | 4.9 | 62 |
| 209 | Apoptosis in liver diseases--detection and therapeutic applications. <i>Medical Science Monitor</i> , 2005 , 11, RA337-45 | 3.2 | 62 |
| 208 | Suppression of influenza A virus replication in human lung epithelial cells by noncytotoxic concentrations bafilomycin A1. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015 , 308, L270-86 | 5.8 | 61 |
| 207 | Functional polymorphisms of FAS and FASL gene and risk of breast cancer - pilot study of 134 cases. <i>PLoS ONE</i> , 2013 , 8, e53075 | 3.7 | 61 |
| 206 | Cancer stem cells, cancer-initiating cells and methods for their detection. <i>Drug Discovery Today</i> , 2016 , 21, 836-42 | 8.8 | 59 |
| 205 | Airway mesenchymal cell death by mevalonate cascade inhibition: integration of autophagy, unfolded protein response and apoptosis focusing on Bcl2 family proteins. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014 , 1843, 1259-71 | 4.9 | 56 |
| 204 | Association of Adiponectin rs1501299 and rs266729 Gene Polymorphisms With Nonalcoholic Fatty Liver Disease. <i>Hepatitis Monthly</i> , 2013 , 13, e9527 | 1.8 | 54 |
| 203 | Transdifferentiation and reprogramming: Overview of the processes, their similarities and differences. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017 , 1864, 1359-1369 | 4.9 | 52 |

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| 202 | The mevalonate cascade as a target to suppress extracellular matrix synthesis by human airway smooth muscle. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2011 , 44, 394-403 | 5.7 | 51 |
| 201 | Autophagy in airway diseases: a new frontier in human asthma?. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2016 , 71, 5-14 | 9.3 | 51 |
| 200 | Role of BNIP3 in TNF-induced cell death--TNF upregulates BNIP3 expression. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2009 , 1793, 546-60 | 4.9 | 49 |
| 199 | Antifibrotic properties of c-Ski and its regulation of cardiac myofibroblast phenotype and contractility. <i>American Journal of Physiology - Cell Physiology</i> , 2011 , 300, C176-86 | 5.4 | 49 |
| 198 | Hepatitis B and C virus-induced hepatitis: Apoptosis, autophagy, and unfolded protein response. <i>World Journal of Gastroenterology</i> , 2015 , 21, 13225-39 | 5.6 | 49 |
| 197 | Inflammasomes and type 2 diabetes: An updated systematic review. <i>Immunology Letters</i> , 2017 , 192, 97-103 | 10.3 | 48 |
| 196 | Autophagy modulates transforming growth factor beta 1 induced epithelial to mesenchymal transition in non-small cell lung cancer cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2018 , 1865, 749-768 | 4.9 | 46 |
| 195 | Geranylgeranyl transferase 1 modulates autophagy and apoptosis in human airway smooth muscle. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2012 , 302, L420-8 | 5.8 | 46 |
| 194 | beta-Dystroglycan binds caveolin-1 in smooth muscle: a functional role in caveolae distribution and Ca ²⁺ release. <i>Journal of Cell Science</i> , 2010 , 123, 3061-70 | 5.3 | 45 |
| 193 | Adenosine and deoxyadenosine induces apoptosis in oestrogen receptor-positive and -negative human breast cancer cells via the intrinsic pathway. <i>Cell Proliferation</i> , 2005 , 38, 269-85 | 7.9 | 45 |
| 192 | Simvastatin increases temozolomide-induced cell death by targeting the fusion of autophagosomes and lysosomes. <i>FEBS Journal</i> , 2020 , 287, 1005-1034 | 5.7 | 45 |
| 191 | Cancer stem cells as targets for cancer therapy: selected cancers as examples. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2008 , 56, 165-80 | 4 | 43 |
| 190 | Reprogramming and carcinogenesis--parallels and distinctions. <i>International Review of Cell and Molecular Biology</i> , 2014 , 308, 167-203 | 6 | 42 |
| 189 | Impaired activity of serum alpha-1-antitrypsin in diabetes mellitus. <i>Diabetes Research and Clinical Practice</i> , 2007 , 75, 246-8 | 7.4 | 41 |
| 188 | Association of genetic polymorphisms of glutathione-S-transferase genes (GSTT1, GSTM1, and GSTP1) and susceptibility to nonalcoholic fatty liver disease in Zahedan, Southeast Iran. <i>DNA and Cell Biology</i> , 2012 , 31, 672-7 | 3.6 | 40 |
| 187 | Pleiotropic effects of statins: A focus on cancer. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020 , 1866, 165968 | 6.9 | 40 |
| 186 | Autophagy and heart disease: implications for cardiac ischemia-reperfusion damage. <i>Current Molecular Medicine</i> , 2014 , 14, 616-29 | 2.5 | 39 |
| 185 | Apoptosis, autophagy and unfolded protein response pathways in Arbovirus replication and pathogenesis. <i>Expert Reviews in Molecular Medicine</i> , 2016 , 18, e1 | 6.7 | 39 |

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| 184 | Genetic polymorphisms of HOTAIR gene are associated with the risk of breast cancer in a sample of southeast Iranian population. <i>Tumor Biology</i> , 2017 , 39, 1010428317727539 | 2.9 | 38 |
| 183 | Endoplasmic reticulum as a potential therapeutic target for covid-19 infection management?. <i>European Journal of Pharmacology</i> , 2020 , 882, 173288 | 5.3 | 38 |
| 182 | Virus-triggered autophagy in viral hepatitis - possible novel strategies for drug development. <i>Journal of Viral Hepatitis</i> , 2011 , 18, 821-30 | 3.4 | 38 |
| 181 | Simvastatin inhibits TGF β -induced fibronectin in human airway fibroblasts. <i>Respiratory Research</i> , 2011 , 12, 113 | 7.3 | 38 |
| 180 | The L55M polymorphism of paraoxonase-1 is a risk factor for rheumatoid arthritis. <i>Genetics and Molecular Research</i> , 2010 , 9, 1735-41 | 1.2 | 38 |
| 179 | Autoimmunity and apoptosis--therapeutic implications. <i>Current Medicinal Chemistry</i> , 2007 , 14, 3139-51 | 4.3 | 38 |
| 178 | High prevalence of vitamin D deficiency in Zahedan, southeast Iran. <i>Annals of Nutrition and Metabolism</i> , 2011 , 58, 37-41 | 4.5 | 37 |
| 177 | Inhibition of autophagy inhibits the conversion of cardiac fibroblasts to cardiac myofibroblasts. <i>Oncotarget</i> , 2016 , 7, 78516-78531 | 3.3 | 36 |
| 176 | Novel non-canonical TGF- β signaling networks: emerging roles in airway smooth muscle phenotype and function. <i>Pulmonary Pharmacology and Therapeutics</i> , 2013 , 26, 50-63 | 3.5 | 35 |
| 175 | The Ski-Zeb2-Meox2 pathway provides a novel mechanism for regulation of the cardiac myofibroblast phenotype. <i>Journal of Cell Science</i> , 2014 , 127, 40-9 | 5.3 | 34 |
| 174 | The expression pattern of PFKFB3 enzyme distinguishes between induced-pluripotent stem cells and cancer stem cells. <i>Oncotarget</i> , 2015 , 6, 29753-70 | 3.3 | 34 |
| 173 | Apoptins: selective anticancer agents. <i>Trends in Molecular Medicine</i> , 2014 , 20, 519-28 | 11.5 | 32 |
| 172 | Targeting cholesterol metabolism in glioblastoma: a new therapeutic approach in cancer therapy. <i>Journal of Investigative Medicine</i> , 2019 , 67, 715-719 | 2.9 | 31 |
| 171 | Toll like receptor 4 and hepatocellular carcinoma; A systematic review. <i>Life Sciences</i> , 2017 , 179, 80-87 | 6.8 | 30 |
| 170 | New use of an old drug: chloroquine reduces viral and ALT levels in HCV non-responders (a randomized, triple-blind, placebo-controlled pilot trial). <i>Canadian Journal of Physiology and Pharmacology</i> , 2016 , 94, 613-9 | 2.4 | 30 |
| 169 | Simvastatin Induces Apoptosis in Medulloblastoma Brain Tumor Cells via Mevalonate Cascade Prenylation Substrates. <i>Cancers</i> , 2019 , 11, | 6.6 | 30 |
| 168 | Human-gyrovirus-Apoptin triggers mitochondrial death pathway--Nur77 is required for apoptosis triggering. <i>Neoplasia</i> , 2014 , 16, 679-93 | 6.4 | 30 |
| 167 | Autophagy regulates trans fatty acid-mediated apoptosis in primary cardiac myofibroblasts. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2012 , 1823, 2274-86 | 4.9 | 30 |

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| 166 | The effect of genetic variability on drug response in conventional breast cancer treatment. <i>European Journal of Pharmacology</i> , 2009 , 625, 122-30 | 5.3 | 30 |
| 165 | Autophagy and the Wnt signaling pathway: A focus on Wnt/ β -catenin signaling. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021 , 1868, 118926 | 4.9 | 30 |
| 164 | Evaluation of the pri-miR-34b/c rs4938723 polymorphism and its association with breast cancer risk. <i>Biomedical Reports</i> , 2016 , 5, 125-129 | 1.8 | 29 |
| 163 | Mechanisms of therapeutic resistance in cancer (stem) cells with emphasis on thyroid cancer cells. <i>Frontiers in Endocrinology</i> , 2014 , 5, 37 | 5.7 | 28 |
| 162 | The Role of Fas-FasL Signaling Pathway in Induction of Apoptosis in Patients with Sulfur Mustard-Induced Chronic Bronchiolitis. <i>Journal of Toxicology</i> , 2010 , 2010, 373612 | 3.1 | 28 |
| 161 | Human induced pluripotent stem cell differentiation and direct transdifferentiation into corneal epithelial-like cells. <i>Oncotarget</i> , 2016 , 7, 42314-42329 | 3.3 | 27 |
| 160 | Statins in patients with COVID-19: a retrospective cohort study in Iranian COVID-19 patients. <i>Translational Medicine Communications</i> , 2021 , 6, 3 | 4 | 27 |
| 159 | Autophagy modulates temozolomide-induced cell death in alveolar Rhabdomyosarcoma cells. <i>Cell Death Discovery</i> , 2018 , 4, 52 | 6.9 | 27 |
| 158 | Association between hTERT polymorphisms and the risk of breast cancer in a sample of Southeast Iranian population. <i>BMC Research Notes</i> , 2014 , 7, 895 | 2.3 | 26 |
| 157 | R620W functional polymorphism of protein tyrosine phosphatase non-receptor type 22 is not associated with pulmonary tuberculosis in Zahedan, southeast Iran. <i>Genetics and Molecular Research</i> , 2012 , 11, 1075-81 | 1.2 | 26 |
| 156 | Implications of genomic instability in the diagnosis and treatment of breast cancer. <i>Expert Review of Molecular Diagnostics</i> , 2011 , 11, 445-53 | 3.8 | 26 |
| 155 | Alzheimer's Disease Pathogenesis: Role of Autophagy and Mitophagy Focusing in Microglia. <i>International Journal of Molecular Sciences</i> , 2021 , 22, | 6.3 | 26 |
| 154 | Ral signaling pathway in health and cancer. <i>Cancer Medicine</i> , 2017 , 6, 2998-3013 | 4.8 | 25 |
| 153 | Mechanisms of simvastatin myotoxicity: The role of autophagy flux inhibition. <i>European Journal of Pharmacology</i> , 2019 , 862, 172616 | 5.3 | 25 |
| 152 | Association between and Polymorphisms and the Risk of Cancer: A Meta-Analysis of Case-Control Studies. <i>Cancers</i> , 2019 , 11, | 6.6 | 24 |
| 151 | RAGE Mediates the Pro-Migratory Response of Extracellular S100A4 in Human Thyroid Cancer Cells. <i>Thyroid</i> , 2015 , 25, 514-27 | 6.2 | 24 |
| 150 | The Impact of DIDS-Induced Inhibition of Voltage-Dependent Anion Channels (VDAC) on Cellular Response of Lymphoblastoid Cells to Ionizing Radiation. <i>Medicinal Chemistry</i> , 2017 , 13, 477-483 | 1.8 | 23 |
| 149 | A 3D bioprinted hydrogel mesh loaded with all-trans retinoic acid for treatment of glioblastoma. <i>European Journal of Pharmacology</i> , 2019 , 854, 201-212 | 5.3 | 22 |

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|-----|--|------|----|
| 148 | Possible use of the mucolytic drug, bromhexine hydrochloride, as a prophylactic agent against SARS-CoV-2 infection based on its action on the Transmembrane Serine Protease 2. <i>Pharmacological Research</i> , 2020 , 157, 104853 | 10.2 | 22 |
| 147 | A fragile site within the HPC1 region at 1q25.3 affecting RGS16, RGS11, and RGS2 in human breast carcinomas. <i>Genes Chromosomes and Cancer</i> , 2008 , 47, 766-80 | 5 | 22 |
| 146 | An overview of Brevinin superfamily: structure, function and clinical perspectives. <i>Advances in Experimental Medicine and Biology</i> , 2014 , 818, 197-212 | 3.6 | 22 |
| 145 | Association between polymorphisms in TP53 and MDM2 genes and susceptibility to prostate cancer. <i>Oncology Letters</i> , 2017 , 13, 2483-2489 | 2.6 | 21 |
| 144 | High prevalence of alpha 1 antitrypsin phenotypes in viral hepatitis B infected patients in Iran. <i>Hepatology Research</i> , 2005 , 33, 292-7 | 5.1 | 21 |
| 143 | Simvastatin Induces Unfolded Protein Response and Enhances Temozolomide-Induced Cell Death in Glioblastoma Cells. <i>Cells</i> , 2020 , 9, | 7.9 | 21 |
| 142 | Perturbation of redox balance after thioredoxin reductase deficiency interrupts autophagy-lysosomal degradation pathway and enhances cell death in nutritionally stressed SH-SY5Y cells. <i>Free Radical Biology and Medicine</i> , 2016 , 101, 53-70 | 7.8 | 21 |
| 141 | Molecular diagnostic assays for COVID-19: an overview. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2021 , 58, 385-398 | 9.4 | 21 |
| 140 | Hypoxia Mediates Differential Response to Anti-EGFR Therapy in HNSCC Cells. <i>International Journal of Molecular Sciences</i> , 2017 , 18, | 6.3 | 20 |
| 139 | 4-bp insertion/deletion (rs3783553) polymorphism within the 3'UTR of IL1A contributes to the risk of prostate cancer in a sample of Iranian population. <i>Journal of Cellular Biochemistry</i> , 2018 , 119, 2627-2633 | 4.7 | 20 |
| 138 | Cell type related differences in staining with pentameric thiophene derivatives. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2014 , 85, 628-35 | 4.6 | 20 |
| 137 | Epidermal growth factor cytoplasmic domain affects ErbB protein degradation by the lysosomal and ubiquitin-proteasome pathway in human cancer cells. <i>Neoplasia</i> , 2012 , 14, 396-409 | 6.4 | 20 |
| 136 | BNIP3L/Nix-induced mitochondrial fission, mitophagy, and impaired myocyte glucose uptake are abrogated by PRKA/PKA phosphorylation. <i>Autophagy</i> , 2021 , 17, 2257-2272 | 10.2 | 20 |
| 135 | An update on drugs with therapeutic potential for SARS-CoV-2 (COVID-19) treatment.. <i>Drug Resistance Updates</i> , 2021 , 100794 | 23.2 | 20 |
| 134 | Asthma and influenza virus infection:focusing on cell death and stress pathways in influenza virus replication. <i>Iranian Journal of Allergy, Asthma and Immunology</i> , 2013 , 12, 1-17 | 1.1 | 20 |
| 133 | Statins: a new approach to combat temozolomide chemoresistance in glioblastoma. <i>Journal of Investigative Medicine</i> , 2018 , 66, 1083-1087 | 2.9 | 19 |
| 132 | Dovitinib enhances temozolomide efficacy in glioblastoma cells. <i>Molecular Oncology</i> , 2017 , 11, 1078-1098 | 9.9 | 18 |
| 131 | The role of the ubiquitin proteasome system in cerebellar development and medulloblastoma. <i>Molecular Brain</i> , 2015 , 8, 64 | 4.5 | 18 |

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|-----|---|------|----|
| 130 | Simultaneous Detection of Autophagy and Epithelial to Mesenchymal Transition in the Non-small Cell Lung Cancer Cells. <i>Methods in Molecular Biology</i> , 2019 , 1854, 87-103 | 1.4 | 17 |
| 129 | Adenosine deaminase activity, trypsin inhibitory capacity and total antioxidant capacity in psoriasis. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2010 , 24, 329-34 | 4.6 | 17 |
| 128 | Serum soluble Fas ligand and nitric oxide in long-term pulmonary complications induced by sulfur mustard: Sardasht-Iran Cohort Study. <i>International Immunopharmacology</i> , 2009 , 9, 1489-93 | 5.8 | 17 |
| 127 | The regulatory activity of autophagy in conjunctival fibroblasts and its possible role in vernal keratoconjunctivitis. <i>Journal of Allergy and Clinical Immunology</i> , 2020 , 146, 1210-1213.e9 | 11.5 | 16 |
| 126 | Serum trypsin inhibitory capacity in normal pregnancy and gestational diabetes mellitus. <i>Diabetes Research and Clinical Practice</i> , 2009 , 84, 201-4 | 7.4 | 16 |
| 125 | Trypsin inhibitory capacity in vernal keratoconjunctivitis. <i>Investigative Ophthalmology and Visual Science</i> , 2007 , 48, 264-9 | | 16 |
| 124 | Quercetin as a Natural Therapeutic Candidate for the Treatment of Influenza Virus. <i>Biomolecules</i> , 2020 , 11, | 5.9 | 16 |
| 123 | Chronic expression of Ski induces apoptosis and represses autophagy in cardiac myofibroblasts. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016 , 1863, 1261-8 | 4.9 | 16 |
| 122 | Human Gyrovirus-Apoptin Interferes with the Cell Cycle and Induces G2/M Arrest Prior to Apoptosis. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2017 , 65, 545-552 | 4 | 15 |
| 121 | Adding Nanotechnology to the Metastasis Treatment Arsenal. <i>Trends in Pharmacological Sciences</i> , 2019 , 40, 403-418 | 13.2 | 15 |
| 120 | Investigating Programmed Cell Death and Tumor Invasion in a Three-Dimensional (3D) Microfluidic Model of Glioblastoma. <i>International Journal of Molecular Sciences</i> , 2020 , 21, | 6.3 | 15 |
| 119 | Serum adenosine deaminase activity in gestational diabetes mellitus and normal pregnancy. <i>Archives of Gynecology and Obstetrics</i> , 2010 , 281, 623-6 | 2.5 | 15 |
| 118 | Structure and properties of slow-resorbing nanofibers obtained by (co-axial) electrospinning as tissue scaffolds in regenerative medicine. <i>PeerJ</i> , 2017 , 5, e4125 | 3.1 | 15 |
| 117 | Role of PFKFB3 and PFKFB4 in Cancer: Genetic Basis, Impact on Disease Development/Progression, and Potential as Therapeutic Targets. <i>Cancers</i> , 2021 , 13, | 6.6 | 15 |
| 116 | Genotyping of -374A/T, -429A/G, and 63 bp Ins/del polymorphisms of RAGE by rapid one-step hexaprimer amplification refractory mutation system polymerase chain reaction in breast cancer patients. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2012 , 31, 401-10 | 1.4 | 14 |
| 115 | Inhibition of miR301 enhances Akt-mediated cell proliferation by accumulation of PTEN in nucleus and its effects on cell-cycle regulatory proteins. <i>Oncotarget</i> , 2016 , 7, 20953-65 | 3.3 | 14 |
| 114 | Association Between miR-423 rs6505162 Polymorphism and Susceptibility to Cancer. <i>Archives of Medical Research</i> , 2019 , 50, 21-30 | 6.6 | 13 |
| 113 | Platinum (IV) coiled coil nanotubes selectively kill human glioblastoma cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015 , 11, 913-25 | 6 | 13 |

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|-----|--|-----|----|
| 112 | Toll-Like Receptor 4 as an Immune Receptor Against Mycobacterium tuberculosis: A Systematic Review. <i>Laboratory Medicine</i> , 2019 , 50, 117-129 | 1.6 | 13 |
| 111 | Perillyl Alcohol (Monoterpene Alcohol), Limonene. <i>The Enzymes</i> , 2014 , 36, 7-32 | 2.3 | 13 |
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