

# Mohammad Athar

## List of Publications by Year in descending order

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Version: 2024-02-01

121  
papers

6,798  
citations

136950

32  
h-index

76900

74  
g-index

126  
all docs

126  
docs citations

126  
times ranked

6049  
citing authors

| #  | ARTICLE                                                                                                                                                                                                                                                  | IF   | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1  | Mechanistic understanding of the toxic effects of arsenic and warfare arsenicals on human health and environment. <i>Cell Biology and Toxicology</i> , 2023, 39, 85-110.                                                                                 | 5.3  | 29        |
| 2  | Epigenetic regulation in the pathogenesis of non-melanoma skin cancer. <i>Seminars in Cancer Biology</i> , 2022, 83, 36-56.                                                                                                                              | 9.6  | 24        |
| 3  | UALCAN: An update to the integrated cancer data analysis platform. <i>Neoplasia</i> , 2022, 25, 18-27.                                                                                                                                                   | 5.3  | 666       |
| 4  | Advances in molecular pathogenesis of hidradenitis suppurativa: Dysregulated keratins and ECM signaling. <i>Seminars in Cell and Developmental Biology</i> , 2022, 128, 120-129.                                                                         | 5.0  | 5         |
| 5  | Design and optimization of 18-gene Ion AmpliSeq panel of Next-generation sequencing for gene mutation analysis causing pain insensitivity. , 2022, 8, .                                                                                                  |      | 0         |
| 6  | Identification of Novel and Known LDLR Variants Triggering Severe Familial Hypercholesterolemia in Saudi Families. <i>Current Vascular Pharmacology</i> , 2022, 20, 361-369.                                                                             | 1.7  | 1         |
| 7  | Ex Vivo Culture Models of Hidradenitis Suppurativa for Defining Molecular Pathogenesis and Treatment Efficacy of Novel Drugs. <i>Inflammation</i> , 2022, 45, 1388-1401.                                                                                 | 3.8  | 2         |
| 8  | Fibrinogen mediates cadmium-induced macrophage activation and serves as a predictor of cadmium exposure in chronic obstructive pulmonary disease. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2022, 322, L593-L606. | 2.9  | 6         |
| 9  | Development of BRD4 inhibitors as anti-inflammatory agents and antidotes for arsenicals. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2022, 64, 128696.                                                                                           | 2.2  | 3         |
| 10 | Combined inhibition of BET bromodomain and mTORC1/2 provides therapeutic advantage for rhabdomyosarcoma by switching cell death mechanism. <i>Molecular Carcinogenesis</i> , 2022, 61, 737-751.                                                          | 2.7  | 6         |
| 11 | Cover Image, Volume 61, Issue 8. <i>Molecular Carcinogenesis</i> , 2022, 61, .                                                                                                                                                                           | 2.7  | 0         |
| 12 | CYP11A1-derived vitamin D hydroxyderivatives as candidates for therapy of basal and squamous cell carcinomas. <i>International Journal of Oncology</i> , 2022, 61, .                                                                                     | 3.3  | 16        |
| 13 | Moving immune therapy forward targeting tme. <i>Physiological Reviews</i> , 2021, 101, 417-425.                                                                                                                                                          | 28.8 | 62        |
| 14 | 5â€²-Capâ€²-Dependent Translation as a Potent Therapeutic Target for Lethal Human Squamous Cell Carcinoma. <i>Journal of Investigative Dermatology</i> , 2021, 141, 742-753.e10.                                                                         | 0.7  | 7         |
| 15 | Prevalence of the Factor V Leiden Mutation Arg534Gln in Western Region of Saudi Arabia: Functional Alteration and Association Study With Different Populations. <i>Clinical and Applied Thrombosis/Hemostasis</i> , 2021, 27, 107602962097853.           | 1.7  | 4         |
| 16 | Inference of Gene Regulatory Network from Single-Cell Transcriptomic Data Using pySCENIC. <i>Methods in Molecular Biology</i> , 2021, 2328, 171-182.                                                                                                     | 0.9  | 25        |
| 17 | Citrullinated vimentin mediates development and progression of lung fibrosis. <i>Science Translational Medicine</i> , 2021, 13, .                                                                                                                        | 12.4 | 60        |
| 18 | Transcriptional circuitry atlas of genetic diverse unstimulated murine and human macrophages define disparity in population-wide innate immunity. <i>Scientific Reports</i> , 2021, 11, 7373.                                                            | 3.3  | 7         |

| #  | ARTICLE                                                                                                                                                                                                                        | IF   | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 19 | Extracellular Vesicle Mediated Tumor-Stromal Crosstalk Within an Engineered Lung Cancer Model. <i>Frontiers in Oncology</i> , 2021, 11, 654922.                                                                                | 2.8  | 8         |
| 20 | Tribbles Homolog 3 Mediates the Development and Progression of Diabetic Retinopathy. <i>Diabetes</i> , 2021, 70, 1738-1753.                                                                                                    | 0.6  | 11        |
| 21 | NETosis in the pathogenesis of acute lung injury following cutaneous chemical burns. <i>JCI Insight</i> , 2021, 6, .                                                                                                           | 5.0  | 24        |
| 22 | Genetic Association of rs10757278 on Chromosome 9p21 and Coronary Artery Disease in a Saudi Population. <i>International Journal of General Medicine</i> , 2021, Volume 14, 1699-1707.                                         | 1.8  | 1         |
| 23 | Compound A Increases Cell Infiltration in Target Organs of Acute Graft-versus-Host Disease (aGVHD) in a Mouse Model. <i>Molecules</i> , 2021, 26, 4237.                                                                        | 3.8  | 0         |
| 24 | Tribbles homolog 3-mediated targeting the AKT/mTOR axis in mice with retinal degeneration. <i>Cell Death and Disease</i> , 2021, 12, 664.                                                                                      | 6.3  | 14        |
| 25 | Targeted next-generation sequencing reveals novel and known variants of thrombophilia associated genes in Saudi patients with venous thromboembolism. <i>Clinica Chimica Acta</i> , 2021, 519, 247-254.                        | 1.1  | 2         |
| 26 | Comparative transcriptome analyses reveal genes associated with SARS-CoV-2 infection of human lung epithelial cells. <i>Scientific Reports</i> , 2021, 11, 16212.                                                              | 3.3  | 15        |
| 27 | Hedgehog/GLI1 Transcriptionally Regulates FANCD2 in Ovarian Tumor Cells: Its Inhibition Induces HR-Deficiency and Synergistic Lethality with PARP Inhibition.. <i>Neoplasia</i> , 2021, 23, 1002-1015.                         | 5.3  | 6         |
| 28 | Dietary table grape protects against ultraviolet photodamage in humans: 2. molecular biomarker studies. <i>Journal of the American Academy of Dermatology</i> , 2021, 85, 1032-1034.                                           | 1.2  | 2         |
| 29 | Dietary table grape protects against ultraviolet photodamage in humans: 1. clinical evaluation. <i>Journal of the American Academy of Dermatology</i> , 2021, 85, 1030-1032.                                                   | 1.2  | 4         |
| 30 | Global, regional, and national burden of stroke and its risk factors, 1990â€“2019: a systematic analysis for the Global Burden of Disease Study 2019. <i>Lancet Neurology</i> , The, 2021, 20, 795-820.                        | 10.2 | 2,308     |
| 31 | Regulatory T Cells Play an Important Role in the Prevention of Murine Melanocytic Nevi and Melanomas. <i>Cancer Prevention Research</i> , 2021, 14, 165-174.                                                                   | 1.5  | 1         |
| 32 | Indoleamine 2, 3-Dioxygenase Promotes Aryl Hydrocarbon Receptor-Dependent Differentiation Of Regulatory B Cells in Lung Cancer. <i>Frontiers in Immunology</i> , 2021, 12, 747780.                                             | 4.8  | 8         |
| 33 | A Novel Tree Shrew Model of Diabetic Retinopathy. <i>Frontiers in Endocrinology</i> , 2021, 12, 799711.                                                                                                                        | 3.5  | 7         |
| 34 | Dynamic Regulation of the Nexus Between Stress Granules, Roquin, and Regnase-1 Underlies the Molecular Pathogenesis of Warfare Vesicants. <i>Frontiers in Immunology</i> , 2021, 12, 809365.                                   | 4.8  | 5         |
| 35 | Autocrine/paracrine actions of growth hormone in human melanoma cell lines. <i>Biochemistry and Biophysics Reports</i> , 2020, 21, 100716.                                                                                     | 1.3  | 4         |
| 36 | Future appeal of comparative studies on putative binding sites of HIV-1 virus-encoded proteolytic enzyme inhibitor of different Food and Drug Administration-approved compounds. <i>HIV and AIDS Review</i> , 2020, 19, 78-86. | 0.2  | 0         |

| #  | ARTICLE                                                                                                                                                                                                                     | IF  | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | COVID-19 and Vitamin D: A lesson from the skin. <i>Experimental Dermatology</i> , 2020, 29, 885-890.                                                                                                                        | 2.9 | 53        |
| 38 | Photocarcinogenesis. <i>Current Dermatology Reports</i> , 2020, 9, 189-199.                                                                                                                                                 | 2.1 | 10        |
| 39 | Integrative Network Biology Framework Elucidates Molecular Mechanisms of SARS-CoV-2 Pathogenesis. <i>IScience</i> , 2020, 23, 101526.                                                                                       | 4.1 | 52        |
| 40 | Protective role of HO-1 against acute kidney injury caused by cutaneous exposure to arsenicals. <i>Annals of the New York Academy of Sciences</i> , 2020, 1480, 155-169.                                                    | 3.8 | 8         |
| 41 | EZH2-Targeted Therapies in Cancer: Hype or a Reality. <i>Cancer Research</i> , 2020, 80, 5449-5458.                                                                                                                         | 0.9 | 139       |
| 42 | Noncalcemic Vitamin D Hydroxyderivatives Inhibit Human Oral Squamous Cell Carcinoma and Down-regulate Hedgehog and WNT/ $\beta$ -Catenin Pathways. <i>Anticancer Research</i> , 2020, 40, 2467-2474.                        | 1.1 | 12        |
| 43 | Topical delivery of nordihydroguarectic acid for attenuating cutaneous damage caused by arsenicals. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 58, 101773.                                              | 3.0 | 0         |
| 44 | Photoprotective Properties of Vitamin D and Lumisterol Hydroxyderivatives. <i>Cell Biochemistry and Biophysics</i> , 2020, 78, 165-180.                                                                                     | 1.8 | 113       |
| 45 | Cutaneous lewisite exposure causes acute lung injury. <i>Annals of the New York Academy of Sciences</i> , 2020, 1479, 210-222.                                                                                              | 3.8 | 20        |
| 46 | The Role of Classical and Novel Forms of Vitamin D in the Pathogenesis and Progression of Nonmelanoma Skin Cancers. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1268, 257-283.                             | 1.6 | 38        |
| 47 | Integrative Network Biology Framework Elucidates Molecular Mechanisms of SARS-CoV-2 Pathogenesis. <i>SSRN Electronic Journal</i> , 2020, , 3581857.                                                                         | 0.4 | 4         |
| 48 | EGFRvIII expression and isocitrate dehydrogenase mutations in patients with glioma. <i>Oncology Letters</i> , 2020, 20, 1-1.                                                                                                | 1.8 | 3         |
| 49 | Xanthomas Can Be Misdiagnosed and Mistreated in Homozygous Familial Hypercholesterolemia Patients: A Call for Increased Awareness Among Dermatologists and Health Care Practitioners. <i>Global Heart</i> , 2020, 15, 19.   | 2.3 | 10        |
| 50 | CD5 on dendritic cells regulates CD4+ and CD8+ T cell activation and induction of immune responses. <i>PLoS ONE</i> , 2019, 14, e0222301.                                                                                   | 2.5 | 12        |
| 51 | Patched1 haploinsufficiency severely impacts intermediary metabolism in the skin of Ptch1+/ $\Delta^{\text{fl}}$ /ODC transgenic mice. <i>Scientific Reports</i> , 2019, 9, 13072.                                          | 3.3 | 2         |
| 52 | Vimentin intermediate filament assembly regulates fibroblast invasion in fibrogenic lung injury. <i>JCI Insight</i> , 2019, 4, .                                                                                            | 5.0 | 69        |
| 53 | Molecular Dynamics Simulation Reveals Exposed Residues in the Ligand-Binding Domain of the Low-Density Lipoprotein Receptor that Interacts with Vesicular Stomatitis Virus-G Envelope. <i>Viruses</i> , 2019, 11, 1063.     | 3.3 | 4         |
| 54 | Combined mTORC1/mTORC2 inhibition blocks growth and induces catastrophic macropinocytosis in cancer cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 24583-24592. | 7.1 | 34        |

| #  | ARTICLE                                                                                                                                                                                                                                                      | IF  | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 55 | Association of functional variants and protein-to-protein physical interactions of human MutY homolog linked with familial adenomatous polyposis and colorectal cancer syndrome. <i>Non-coding RNA Research</i> , 2019, 4, 155-173.                          | 4.6 | 1         |
| 56 | Modifying inter-cistronic sequence significantly enhances IRES dependent second gene expression in bicistronic vector: Construction of optimised cassette for gene therapy of familial hypercholesterolemia. <i>Non-coding RNA Research</i> , 2019, 4, 1-14. | 4.6 | 16        |
| 57 | Mutation profiling of anaplastic ependymoma grade III by Ion Proton next generation DNA sequencing. <i>F1000Research</i> , 2019, 8, 613.                                                                                                                     | 1.6 | 5         |
| 58 | Global gene expression of histologically normal primary skin cells from BCNS subjects reveals single-hit effects that are influenced by rapamycin. <i>Oncotarget</i> , 2019, 10, 1360-1387.                                                                  | 1.8 | 6         |
| 59 | Next generation DNA sequencing of atypical choroid plexus papilloma of brain: Identification of novel mutations in a female patient by Ion Proton. <i>Oncology Letters</i> , 2019, 18, 5063-5076.                                                            | 1.8 | 12        |
| 60 | Whole Exome Sequencing Reveals Multiple Mutations in Uncommon Genes of Familial Hypercholesterolaemia. <i>Journal of Cardiovascular Disease Research (discontinued)</i> , 2019, 10, 09-15.                                                                   | 0.1 | 3         |
| 61 | Identification of six novel factor viii gene variants using next generation sequencing and molecular dynamics simulation. <i>Acta Biochimica Polonica</i> , 2019, 66, 23-31.                                                                                 | 0.5 | 1         |
| 62 | Mutation profiling of anaplastic ependymoma grade III by Ion Proton next generation DNA sequencing. <i>F1000Research</i> , 2019, 8, 613.                                                                                                                     | 1.6 | 7         |
| 63 | SOX9 Transcriptionally Regulates mTOR-Induced Proliferation of Basal Cell Carcinomas. <i>Journal of Investigative Dermatology</i> , 2018, 138, 1716-1725.                                                                                                    | 0.7 | 26        |
| 64 | Distal airway microbiome is associated with immunoregulatory myeloid cell responses in lung transplant recipients. <i>Journal of Heart and Lung Transplantation</i> , 2018, 37, 206-216.                                                                     | 0.6 | 16        |
| 65 | In Silico Approach to Investigate the Structural and Functional Attributes of Familial Hypercholesterolemia Variants Reported in the Saudi Population. <i>Journal of Computational Biology</i> , 2018, 25, 170-181.                                          | 1.6 | 4         |
| 66 | Novel combined variants of LDLR and LDLRAP1 genes causing severe familial hypercholesterolemia. <i>Atherosclerosis</i> , 2018, 277, 425-433.                                                                                                                 | 0.8 | 15        |
| 67 | Cutaneous exposure to lewisite causes acute kidney injury by invoking DNA damage and autophagic response. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 314, F1166-F1176.                                                                 | 2.7 | 30        |
| 68 | Low-dose cadmium exposure induces peribronchiolar fibrosis through site-specific phosphorylation of vimentin. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 313, L80-L91.                                           | 2.9 | 28        |
| 69 | Basal cell carcinoma pathogenesis and therapy involving hedgehog signaling and beyond. <i>Molecular Carcinogenesis</i> , 2017, 56, 2543-2557.                                                                                                                | 2.7 | 74        |
| 70 | Naproxen Inhibits UVB-Induced Basal Cell and Squamous Cell Carcinoma Development in Ptch1 <sup>+/+</sup> /SKH-1 Hairless Mice. <i>Photochemistry and Photobiology</i> , 2017, 93, 1016-1024.                                                                 | 2.5 | 15        |
| 71 | Compound heterozygous LDLR variant in severely affected familial hypercholesterolemia patient.. <i>Acta Biochimica Polonica</i> , 2017, 64, 75-79.                                                                                                           | 0.5 | 10        |
| 72 | The Spectrum of Familial Hypercholesterolemia (FH) in Saudi Arabia: Prime Time for Patient FH Registry. <i>Open Cardiovascular Medicine Journal</i> , 2017, 11, 66-75.                                                                                       | 0.3 | 15        |

| #  | ARTICLE                                                                                                                                                                                                               | IF  | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 73 | Functional alterations due to amino acid changes and evolutionary comparative analysis of ARPKD and ADPKD genes. <i>Genomics Data</i> , 2016, 10, 127-134.                                                            | 1.3 | 9         |
| 74 | ATF4 regulates arsenic trioxide-mediated NADPH oxidase, ER-mitochondrial crosstalk and apoptosis. <i>Archives of Biochemistry and Biophysics</i> , 2016, 609, 39-50.                                                  | 3.0 | 26        |
| 75 | Activating transcription factor 4 underlies the pathogenesis of arsenic trioxide-mediated impairment of macrophage innate immune functions. <i>Toxicology and Applied Pharmacology</i> , 2016, 308, 46-58.            | 2.8 | 10        |
| 76 | Molecular Mechanism Underlying Pathogenesis of Lewisite-Induced Cutaneous Blistering and Inflammation. <i>American Journal of Pathology</i> , 2016, 186, 2637-2649.                                                   | 3.8 | 32        |
| 77 | Biological and environmental hazards associated with exposure to chemical warfare agents: arsenicals. <i>Annals of the New York Academy of Sciences</i> , 2016, 1378, 143-157.                                        | 3.8 | 35        |
| 78 | Next-generation sequencing for molecular diagnosis of autosomal recessive polycystic kidney disease. <i>Gene</i> , 2016, 591, 214-226.                                                                                | 2.2 | 15        |
| 79 | Defining cutaneous molecular pathobiology of arsenicals using phenylarsine oxide as a prototype. <i>Scientific Reports</i> , 2016, 6, 34865.                                                                          | 3.3 | 21        |
| 80 | Ionizing Radiation Exposure and Basal Cell Carcinoma Pathogenesis. <i>Radiation Research</i> , 2016, 185, 217-228.                                                                                                    | 1.5 | 50        |
| 81 | Identification of a recurrent frameshift mutation at the LDLR exon 14 (c.2027delG, p.(G676Afs*33)) causing familial hypercholesterolemia in Saudi Arab homozygous children. <i>Genomics</i> , 2016, 107, 24-32.       | 2.9 | 17        |
| 82 | Fisetin, a dietary flavonoid, augments the anti-invasive and anti-metastatic potential of sorafenib in melanoma. <i>Oncotarget</i> , 2016, 7, 1227-1241.                                                              | 1.8 | 63        |
| 83 | Introduction. <i>Photochemistry and Photobiology</i> , 2015, 91, 139-139.                                                                                                                                             | 2.5 | 0         |
| 84 | Aberrant GLI1 Activation in DNA Damage Response, Carcinogenesis and Chemoresistance. <i>Cancers</i> , 2015, 7, 2330-2351.                                                                                             | 3.7 | 64        |
| 85 | Fisetin, a phytochemical, potentiates sorafenib-induced apoptosis and abrogates tumor growth in athymic nude mice implanted with BRAF-mutated melanoma cells. <i>Oncotarget</i> , 2015, 6, 28296-28311.               | 1.8 | 75        |
| 86 | Next generation sequencing to identify novel genetic variants causative of autosomal dominant familial hypercholesterolemia associated with increased risk of coronary heart disease. <i>Gene</i> , 2015, 565, 76-84. | 2.2 | 31        |
| 87 | Shh and p50/Bcl3 signaling crosstalk drives pathogenesis of BCCs in gorlin syndrome. <i>Oncotarget</i> , 2015, 6, 36789-36814.                                                                                        | 1.8 | 25        |
| 88 | Evidence of Trem2 Variant Associated with Triple Risk of Alzheimer's Disease. <i>PLoS ONE</i> , 2014, 9, e92648.                                                                                                      | 2.5 | 42        |
| 89 | Fisetin Inhibits Human Melanoma Cell Invasion through Promotion of Mesenchymal to Epithelial Transition and by Targeting MAPK and NF- $\kappa$ B Signaling Pathways. <i>PLoS ONE</i> , 2014, 9, e86338.               | 2.5 | 84        |
| 90 | Sonic Hedgehog Signaling in Basal Cell Nevus Syndrome. <i>Cancer Research</i> , 2014, 74, 4967-4975.                                                                                                                  | 0.9 | 118       |

| #   | ARTICLE                                                                                                                                                                                                                                 | IF  | CITATIONS |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 91  | Cytokines and Chemokines: Disease Models, Mechanisms, and Therapies. Mediators of Inflammation, 2014, 2014, 1-5.                                                                                                                        | 3.0 | 5         |
| 92  | Erb-041, an Estrogen Receptor- $\beta$ Agonist, Inhibits Skin Photocarcinogenesis in SKH-1 Hairless Mice by Downregulating the WNT Signaling Pathway. Cancer Prevention Research, 2014, 7, 186-198.                                     | 1.5 | 36        |
| 93  | DNA mismatch repair MSH2 gene-based SNP associated with different populations. Molecular Genetics and Genomics, 2014, 289, 469-487.                                                                                                     | 2.1 | 1         |
| 94  | Keratin-6 driven ODC expression to hair follicle keratinocytes enhances stemness and tumorigenesis by negatively regulating Notch. Biochemical and Biophysical Research Communications, 2014, 451, 394-401.                             | 2.1 | 8         |
| 95  | Cyclooxygenases: Mediators of UV-Induced Skin Cancer and Potential Targets for Prevention. Journal of Investigative Dermatology, 2014, 134, 2497-2502.                                                                                  | 0.7 | 62        |
| 96  | The mechanistic basis of arsenicosis: Pathogenesis of skin cancer. Cancer Letters, 2014, 354, 211-219.                                                                                                                                  | 7.2 | 101       |
| 97  | Hair Follicle Disruption Facilitates Pathogenesis to UVB-Induced Cutaneous Inflammation and Basal Cell Carcinoma Development in Ptch+/ $\Delta^3$ Mice. American Journal of Pathology, 2014, 184, 1529-1540.                            | 3.8 | 7         |
| 98  | Identification of a novel nonsense variant c.1332dup, p.(D445*) in the LDLR gene that causes familial hypercholesterolemia. Human Genome Variation, 2014, 1, 14021.                                                                     | 0.7 | 20        |
| 99  | Inhibition of p38 MAPK Signaling Augments Skin Tumorigenesis via NOX2 Driven ROS Generation. PLoS ONE, 2014, 9, e97245.                                                                                                                 | 2.5 | 25        |
| 100 | GLI inhibitor GANT-61 diminishes embryonal and alveolar rhabdomyosarcoma growth by inhibiting Shh/AKT-mTOR axis. Oncotarget, 2014, 5, 12151-12165.                                                                                      | 1.8 | 79        |
| 101 | Unfolded protein response (UPR) signaling regulates arsenic trioxide-mediated macrophage innate immune function disruption. Toxicology and Applied Pharmacology, 2013, 272, 879-887.                                                    | 2.8 | 55        |
| 102 | Rapamycin targeting mTOR and hedgehog signaling pathways blocks human rhabdomyosarcoma growth in xenograft murine model. Biochemical and Biophysical Research Communications, 2013, 435, 557-561.                                       | 2.1 | 27        |
| 103 | Milestones in Photocarcinogenesis. Journal of Investigative Dermatology, 2013, 133, E13-E17.                                                                                                                                            | 0.7 | 25        |
| 104 | Combined inhibition of p38 and Akt signaling pathways abrogates cyclosporine A-mediated pathogenesis of aggressive skin SCCs. Biochemical and Biophysical Research Communications, 2012, 425, 177-181.                                  | 2.1 | 10        |
| 105 | Pathogenesis of nonmelanoma skin cancers in organ transplant recipients. Archives of Biochemistry and Biophysics, 2011, 508, 159-163.                                                                                                   | 3.0 | 56        |
| 106 | Pharmacological Activation of p53 in Cancer Cells. Current Pharmaceutical Design, 2011, 17, 631-639.                                                                                                                                    | 1.9 | 33        |
| 107 | Hoechst 33342 induced reactive oxygen species and impaired expression of cytochrome c oxidase subunit 1 leading to cell death in irradiated human cancer cells. Molecular and Cellular Biochemistry, 2011, 352, 281-292.                | 3.1 | 7         |
| 108 | Cyclosporine a mediates pathogenesis of aggressive cutaneous squamous cell carcinoma by augmenting epithelial $\rightarrow$ mesenchymal transition: Role of TGF $\beta$ signaling pathway. Molecular Carcinogenesis, 2011, 50, 516-527. | 2.7 | 46        |

| #   | ARTICLE                                                                                                                                                                                 | IF  | CITATIONS |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 109 | Unfolded Protein Response Signaling and MAP Kinase Pathways Underlie Pathogenesis of Arsenic-Induced Cutaneous Inflammation. <i>Cancer Prevention Research</i> , 2011, 4, 2101-2109.    | 1.5 | 50        |
| 110 | Rapamycin and mTORC1 Inhibition in the Mouse: Skin Cancer Prevention. <i>Cancer Prevention Research</i> , 2011, 4, 957-961.                                                             | 1.5 | 26        |
| 111 | Hoechst 33342 induces radiosensitization in malignant glioma cells via increase in mitochondrial reactive oxygen species. <i>Free Radical Research</i> , 2010, 44, 936-949.             | 3.3 | 11        |
| 112 | Resveratrol: A review of preclinical studies for human cancer prevention. <i>Toxicology and Applied Pharmacology</i> , 2007, 224, 274-283.                                              | 2.8 | 624       |
| 113 | Hedgehog signalling in skin development and cancer. <i>Experimental Dermatology</i> , 2006, 15, 667-677.                                                                                | 2.9 | 169       |
| 114 | Inhibition of Smoothed Signaling Prevents Ultraviolet B-Induced Basal Cell Carcinomas through Regulation of Fas Expression and Apoptosis. <i>Cancer Research</i> , 2004, 64, 7545-7552. | 0.9 | 170       |
| 115 | Photoprotective effects of sulindac against ultraviolet B-induced phototoxicity in the skin of SKH-1 hairless mice. <i>Toxicology and Applied Pharmacology</i> , 2004, 195, 370-378.    | 2.8 | 28        |
| 116 | Ornithine decarboxylase is a target for chemoprevention of basal and squamous cell carcinomas in Ptch1+/- mice. <i>Journal of Clinical Investigation</i> , 2004, 113, 867-875.          | 8.2 | 63        |
| 117 | Ornithine decarboxylase is a target for chemoprevention of basal and squamous cell carcinomas in Ptch1+/- mice. <i>Journal of Clinical Investigation</i> , 2004, 113, 867-875.          | 8.2 | 35        |
| 118 | Stage-specific Alterations of Cyclin Expression During UVB-induced Murine Skin Tumor Development. <i>Photochemistry and Photobiology</i> , 2002, 75, 58-67.                             | 2.5 | 1         |
| 119 | Cyclooxygenase-2 Expression in Murine and Human Nonmelanoma Skin Cancers: Implications for Therapeutic Approaches. <i>Photochemistry and Photobiology</i> , 2002, 76, 73-80.            | 2.5 | 16        |
| 120 | Photoprotective Effect of Black Tea Extracts Against UVB-induced Phototoxicity in Skin. <i>Photochemistry and Photobiology</i> , 1999, 70, 637-644.                                     | 2.5 | 53        |
| 121 | Photoprotective Effect of Black Tea Extracts Against UVB-induced Phototoxicity in Skin. <i>Photochemistry and Photobiology</i> , 1999, 70, 637.                                         | 2.5 | 13        |