

Hifzur R Siddique

List of Publications by Year in descending order

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Version: 2024-02-01

76
papers

2,350
citations

218677

26
h-index

223800

46
g-index

81
all docs

81
docs citations

81
times ranked

3386
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Role of BMI1, a Stem Cell Factor, in Cancer Recurrence and Chemoresistance: Preclinical and Clinical Evidences. <i>Stem Cells</i> , 2012, 30, 372-378. | 3.2 | 294 |
| 2 | Beneficial health effects of lupeol triterpene: A review of preclinical studies. <i>Life Sciences</i> , 2011, 88, 285-293. | 4.3 | 261 |
| 3 | S100A4 calcium-binding protein is key player in tumor progression and metastasis: preclinical and clinical evidence. <i>Cancer and Metastasis Reviews</i> , 2012, 31, 163-172. | 5.9 | 149 |
| 4 | Validation of <i>Drosophila melanogaster</i> as an in vivo model for genotoxicity assessment using modified alkaline Comet assay. <i>Mutagenesis</i> , 2005, 20, 285-290. | 2.6 | 98 |
| 5 | Lupeol, a Novel Androgen Receptor Inhibitor: Implications in Prostate Cancer Therapy. <i>Clinical Cancer Research</i> , 2011, 17, 5379-5391. | 7.0 | 82 |
| 6 | Induction of hsp70, alterations in oxidative stress markers and apoptosis against dichlorvos exposure in transgenic <i>Drosophila melanogaster</i> : Modulation by reactive oxygen species. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2007, 1770, 1382-1394. | 2.4 | 62 |
| 7 | Genotoxicity of industrial solid waste leachates in <i>Drosophila melanogaster</i> . <i>Environmental and Molecular Mutagenesis</i> , 2005, 46, 189-197. | 2.2 | 53 |
| 8 | Evaluation of DNA interaction, genotoxicity and oxidative stress induced by iron oxide nanoparticles both in vitro and in vivo: attenuation by thymoquinone. <i>Scientific Reports</i> , 2019, 9, 6912. | 3.3 | 53 |
| 9 | Epigenetic modifications of c-MYC: Role in cancer cell reprogramming, progression and chemoresistance. <i>Seminars in Cancer Biology</i> , 2022, 83, 166-176. | 9.6 | 53 |
| 10 | Hazardous effect of organophosphate compound, dichlorvos in transgenic <i>Drosophila melanogaster</i> (hsp70-lacZ): Induction of hsp70, anti-oxidant enzymes and inhibition of acetylcholinesterase. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2005, 1725, 81-92. | 2.4 | 51 |
| 11 | NUMB phosphorylation destabilizes p53 and promotes self-renewal of tumor-initiating cells by a NANOG-dependent mechanism in liver cancer. <i>Hepatology</i> , 2015, 62, 1466-1479. | 7.3 | 49 |
| 12 | Differential Effects of Genistein on Prostate Cancer Cells Depend on Mutational Status of the Androgen Receptor. <i>PLoS ONE</i> , 2013, 8, e78479. | 2.5 | 49 |
| 13 | Adverse effect of organophosphate compounds, dichlorvos and chlorpyrifos in the reproductive tissues of transgenic <i>Drosophila melanogaster</i> : 70kDa heat shock protein as a marker of cellular damage. <i>Toxicology</i> , 2007, 238, 1-14. | 4.2 | 48 |
| 14 | Epicatechin-rich cocoa polyphenol inhibits Kras-activated pancreatic ductal carcinoma cell growth <i>in vitro</i> and in a mouse model. <i>International Journal of Cancer</i> , 2012, 131, 1720-1731. | 5.1 | 46 |
| 15 | The S100A4 Oncoprotein Promotes Prostate Tumorigenesis in a Transgenic Mouse Model: Regulating NF- κ B through the RAGE Receptor. <i>Genes and Cancer</i> , 2013, 4, 224-234. | 1.9 | 46 |
| 16 | Superparamagnetic iron oxide nanoparticles based cancer theranostics: A double edge sword to fight against cancer. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 45, 177-183. | 3.0 | 43 |
| 17 | Virtual screening, ADME/T, and binding free energy analysis of anti-viral, anti-protease, and anti-infectious compounds against NSP10/NSP16 methyltransferase and main protease of SARS CoV-2. <i>Journal of Receptor and Signal Transduction Research</i> , 2020, 40, 605-612. | 2.5 | 39 |
| 18 | Hazardous effect of tannery solid waste leachates on development and reproduction in <i>Drosophila melanogaster</i> : 70kDa heat shock protein as a marker of cellular damage. <i>Ecotoxicology and Environmental Safety</i> , 2009, 72, 1652-1662. | 6.0 | 37 |

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|----|---|------|-----------|
| 19 | Adverse effect of tannery waste leachates in transgenic <i>Drosophila melanogaster</i> : role of ROS in modulation of Hsp70, oxidative stress and apoptosis. <i>Journal of Applied Toxicology</i> , 2008, 28, 734-748. | 2.8 | 35 |
| 20 | <i>ROBO1</i> , a tumor suppressor and critical molecular barrier for localized tumor cells to acquire invasive phenotype: Study in African-American and Caucasian prostate cancer models. <i>International Journal of Cancer</i> , 2014, 135, 2493-2506. | 5.1 | 34 |
| 21 | Mechanochemical Synthesis of Sulfur Quantum Dots for Cellular Imaging. <i>ACS Applied Nano Materials</i> , 2021, 4, 3339-3344. | 5.0 | 34 |
| 22 | BMI1 Polycomb Group Protein Acts as a Master Switch for Growth and Death of Tumor Cells: Regulates TCF4-Transcriptional Factor-Induced BCL2 Signaling. <i>PLoS ONE</i> , 2013, 8, e60664. | 2.5 | 33 |
| 23 | Revisiting inorganic nanoparticles as promising therapeutic agents: A paradigm shift in oncological theranostics. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 164, 105892. | 4.0 | 32 |
| 24 | Induction of biochemical stress markers and apoptosis in transgenic <i>Drosophila melanogaster</i> against complex chemical mixtures: Role of reactive oxygen species. <i>Chemico-Biological Interactions</i> , 2007, 169, 171-188. | 4.0 | 31 |
| 25 | Recent advances in metallodrug-like molecules targeting non-coding RNAs in cancer chemotherapy. <i>Coordination Chemistry Reviews</i> , 2019, 387, 47-59. | 18.8 | 30 |
| 26 | Apigenin in cancer prevention and therapy: A systematic review and meta-analysis of animal models. <i>Critical Reviews in Oncology/Hematology</i> , 2022, 176, 103751. | 4.4 | 29 |
| 27 | <i>BMI1</i> Drives Metastasis of Prostate Cancer in Caucasian and African-American Men and Is A Potential Therapeutic Target: Hypothesis Tested in Race-specific Models. <i>Clinical Cancer Research</i> , 2018, 24, 6421-6432. | 7.0 | 28 |
| 28 | Apigenin, A Plant Flavone Playing Noble Roles in Cancer Prevention Via Modulation of Key Cell Signaling Networks. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2020, 14, 298-311. | 1.6 | 28 |
| 29 | Comparative toxic potential of market formulation of two organophosphate pesticides in transgenic <i>Drosophila melanogaster</i> (<i>hsp70-lacZ</i>). <i>Cell Biology and Toxicology</i> , 2005, 21, 149-162. | 5.3 | 27 |
| 30 | p53 destabilizing protein skews asymmetric division and enhances NOTCH activation to direct self-renewal of TICs. <i>Nature Communications</i> , 2020, 11, 3084. | 12.8 | 26 |
| 31 | Nano-enabled strategies to combat methicillin-resistant <i>Staphylococcus aureus</i> . <i>Materials Science and Engineering C</i> , 2021, 129, 112384. | 7.3 | 25 |
| 32 | Water soluble ionic Co(II), Cu(II) and Zn(II) diimine-glycinate complexes targeted to tRNA: structural description, <i>in vitro</i> comparative binding, cleavage and cytotoxic studies towards chemoresistant prostate cancer cells. <i>Dalton Transactions</i> , 2020, 49, 16830-16848. | 3.3 | 24 |
| 33 | Role of long non-coding RNAs and MYC interaction in cancer metastasis: A possible target for therapeutic intervention. <i>Toxicology and Applied Pharmacology</i> , 2020, 399, 115056. | 2.8 | 24 |
| 34 | DNA damage induced by industrial solid waste leachates in <i>Drosophila melanogaster</i> : A mechanistic approach. <i>Environmental and Molecular Mutagenesis</i> , 2008, 49, 206-216. | 2.2 | 23 |
| 35 | Accentuating CircRNA-miRNA-Transcription Factors Axis: A Conundrum in Cancer Research. <i>Frontiers in Pharmacology</i> , 2021, 12, 784801. | 3.5 | 23 |
| 36 | BMI1, Stem Cell Factor Acting as Novel Serum-biomarker for Caucasian and African-American Prostate Cancer. <i>PLoS ONE</i> , 2013, 8, e52993. | 2.5 | 22 |

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|----|--|-----|-----------|
| 37 | Synthetic Pyrethroid Cypermethrin Induced Cellular Damage in Reproductive Tissues of <i>Drosophila melanogaster</i> : Hsp70 as a Marker of Cellular Damage. <i>Archives of Environmental Contamination and Toxicology</i> , 2006, 51, 673-680. | 4.1 | 19 |
| 38 | Therapeutic implications of probiotics in microbiota dysbiosis: A special reference to the liver and oral cancers. <i>Life Sciences</i> , 2021, 285, 120008. | 4.3 | 19 |
| 39 | Emerging role of long non-coding RNAs in cancer chemoresistance: unravelling the multifaceted role and prospective therapeutic targeting. <i>Molecular Biology Reports</i> , 2020, 47, 5569-5585. | 2.3 | 18 |
| 40 | Interaction of thiamethoxam with DNA: Hazardous effect on biochemical and biological parameters of the exposed organism. <i>Chemosphere</i> , 2020, 254, 126875. | 8.2 | 18 |
| 41 | Copper (II)-based halogen-substituted chromone antitumor drug entities: Studying biomolecular interactions with ct-DNA mediated by sigma hole formation and cytotoxicity activity. <i>Bioorganic Chemistry</i> , 2020, 104, 104327. | 4.1 | 18 |
| 42 | Chemosensitization of Therapy Resistant Tumors: Targeting Multiple Cell Signaling Pathways by Lupeol, A Pentacyclic Triterpene. <i>Current Pharmaceutical Design</i> , 2020, 26, 455-465. | 1.9 | 17 |
| 43 | Apigenin alleviates cancer drug Sorafenib induced multiple toxic effects in Swiss albino mice via anti-oxidative stress. <i>Toxicology and Applied Pharmacology</i> , 2022, 447, 116072. | 2.8 | 17 |
| 44 | Protective role of nimbolide against chemotherapeutic drug hydroxyurea induced genetic and oxidative damage in an animal model. <i>Environmental Toxicology and Pharmacology</i> , 2018, 60, 91-99. | 4.0 | 15 |
| 45 | Pluripotency inducing Yamanaka factors: role in stemness and chemoresistance of liver cancer. <i>Expert Review of Anticancer Therapy</i> , 2021, 21, 853-864. | 2.4 | 15 |
| 46 | Hazardous sub-cellular effects of Fipronil directly influence the organismal parameters of <i>Spodoptera litura</i> . <i>Ecotoxicology and Environmental Safety</i> , 2019, 172, 216-224. | 6.0 | 14 |
| 47 | Role of p53-miRNAs circuitry in immune surveillance and cancer development: A potential avenue for therapeutic intervention. <i>Seminars in Cell and Developmental Biology</i> , 2022, 124, 15-25. | 5.0 | 14 |
| 48 | Protective effect of green synthesized Selenium Nanoparticles against Doxorubicin induced multiple adverse effects in Swiss albino mice. <i>Life Sciences</i> , 2022, 305, 120792. | 4.3 | 14 |
| 49 | Androgen Receptor in Human Health: A Potential Therapeutic Target. <i>Current Drug Targets</i> , 2012, 13, 1907-1916. | 2.1 | 12 |
| 50 | New Tailored RNA-Targeted Organometallic Drug Candidates against Huh7 (Liver) and Du145 (Prostate) Cancer Cell Lines. <i>ACS Omega</i> , 2020, 5, 15218-15228. | 3.5 | 12 |
| 51 | The multiple faces of NANOG in cancer: a therapeutic target to chemosensitize therapy-resistant cancers. <i>Epigenomics</i> , 2021, 13, 1885-1900. | 2.1 | 12 |
| 52 | Specific targeting of cancer stem cells by immunotherapy: A possible stratagem to restrain cancer recurrence and metastasis. <i>Biochemical Pharmacology</i> , 2022, 198, 114955. | 4.4 | 12 |
| 53 | Antiandrogen enzalutamide induced genetic, cellular, and hepatic damages: amelioration by triterpene Lupeol. <i>Drug and Chemical Toxicology</i> , 2023, 46, 380-391. | 2.3 | 11 |
| 54 | Influence of zinc levels on the toxic manifestations of lead exposure among the occupationally exposed workers. <i>Environmental Science and Pollution Research</i> , 2019, 26, 33541-33554. | 5.3 | 10 |

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|----|--|-----|-----------|
| 55 | Castration-resistant prostate cancer: potential targets and therapies. <i>Biologics: Targets and Therapy</i> , 2012, 6, 267. | 3.2 | 9 |
| 56 | A novel terpenoid class for prevention and treatment of KRAS-driven cancers: Comprehensive analysis using in situ, in vitro, and in vivo model systems. <i>Molecular Carcinogenesis</i> , 2020, 59, 886-896. | 2.7 | 9 |
| 57 | Anti-S100A4 Antibody Therapy Is Efficient in Treating Aggressive Prostate Cancer and Reversing Immunosuppression: Serum and Biopsy S100A4 as a Clinical Predictor. <i>Molecular Cancer Therapeutics</i> , 2020, 19, 2598-2611. | 4.1 | 8 |
| 58 | Biophysical binding profile with ct-DNA and cytotoxic studies of a modulated nanoconjugate of umbelliferone cobalt oxide loaded on graphene oxide (GO) as drug carrier. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 4558-4569. | 3.5 | 7 |
| 59 | Medicinal Properties of Saffron With Special Reference to Cancer—A Review of Preclinical Studies. , 2020, , 233-244. | | 7 |
| 60 | CRSPR/CAS9 Technology: A Revolutionary Molecular Scissors for Genome Editing and Genetic Research. <i>MOJ Cell Science & Report</i> , 2016, 3, . | 0.1 | 6 |
| 61 | Abstract 943: Lupeol, a novel androgen receptor inhibitor acts as a double-edged sword: Competitive binding as well as transcriptional inhibition. , 2011, , . | | 2 |
| 62 | Targeting metabolism with herbal therapy: A preventative approach toward cancer. , 2022, , 557-578. | | 2 |
| 63 | Functionalized graphene oxide loaded GATPT as rationally designed vehicle for cancer-targeted drug delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 71, 103281. | 3.0 | 2 |
| 64 | Abstract 3847: Lupeol, a novel inhibitor of Wnt/ β -catenin signaling: Implications in colon cancer therapy. , 2012, , . | | 1 |
| 65 | Abstract 2542: MSI2 binds LncRNAs and promotes self-renewal and oncogenesis through MYC expression. , 2017, , . | | 1 |
| 66 | Future of herbal medicines in assisted reproduction. , 2022, , 385-408. | | 1 |
| 67 | MP66-14 IDENTIFYING NOVEL NUCLEAR TRANSPORTER OF AR AND AR(VARIANT) IN CRPC CELLS: POTENTIAL IMPLICATIONS IN THERAPY. <i>Journal of Urology</i> , 2015, 193, . | 0.4 | 0 |
| 68 | Abstract 276: Lupeol chemosensitize the cancer stem cells for enzalutamide and ameliorate the enzalutamide induced toxicity in prostate cancer. , 2021, , . | | 0 |
| 69 | Abstract 3917: Regulatory role of ROBO-1, a novel tumor suppressor on Androgen receptor and Wnt signaling during castration-resistant prostate cancer development: A novel molecular target for gene therapy. , 2012, , . | | 0 |
| 70 | Abstract 3497: A novel pathway involving Tcf-driven Bcl2 under regulation of Bmi-1 stem cell factor: Role in chemoresistance. , 2012, , . | | 0 |
| 71 | Abstract 4678: A novel nuclear transporter for androgen receptor and AR-variant-7 in castration resistant prostate cancer: Ideal therapeutic target. , 2015, , . | | 0 |
| 72 | Abstract 1246: Development of a novel KRAS-targeting agent: systematic validation using in silico, in solution, cell models, PDX and transgenic mouse models. , 2017, , . | | 0 |

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|----|--|-----|-----------|
| 73 | Targeting Cancer Signaling Pathways by Nimbolide: A review on Chemoprevention and Therapeutic Studies. Cancer Therapy & Oncology International Journal, 2017, 8, . | 0.1 | 0 |
| 74 | Abstract 1984: Cell fate reprogramming of liver tumor-initiating stem-like cells via phosphorylated NUMB and TBC1D15. , 2018, , . | | 0 |
| 75 | Role of Growth Factors in the Treatment of Diabetic Foot Ulceration. , 2021, , 233-249. | | 0 |
| 76 | Herbal medicine to cure male reproductive dysfunction. , 2022, , 409-435. | | 0 |