Hifzur R Siddique

List of Publications by Year
in descending order

76	2,350	249298 26	252626 46
papers	citations	h-index	g-index

81	81	81	3663
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Antiandrogen enzalutamide induced genetic, cellular, and hepatic damages: amelioration by triterpene Lupeol. Drug and Chemical Toxicology, 2023, 46, 380-391.	1.2	11
2	Epigenetic modifications of c-MYC: Role in cancer cell reprogramming, progression and chemoresistance. Seminars in Cancer Biology, 2022, 83, 166-176.	4.3	53
3	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. Journal of Biomolecular Structure and Dynamics, 2022, 40, 4558-4569.	2.0	7
4	Role of p53-miRNAs circuitry in immune surveillance and cancer development: A potential avenue for therapeutic intervention. Seminars in Cell and Developmental Biology, 2022, 124, 15-25.	2.3	14
5	Targeting metabolism with herbal therapy: A preventative approach toward cancer. , 2022, , 557-578.		2
6	Herbal medicine to cure male reproductive dysfunction. , 2022, , 409-435.		0
7	Future of herbal medicines in assisted reproduction. , 2022, , 385-408.		1
8	Specific targeting of cancer stem cells by immunotherapy: A possible stratagem to restrain cancer recurrence and metastasis. Biochemical Pharmacology, 2022, 198, 114955.	2.0	12
9	Functionalized graphene oxide loaded GATPT as rationally designed vehicle for cancer-targeted drug delivery. Journal of Drug Delivery Science and Technology, 2022, 71, 103281.	1.4	2
10	Apigenin alleviates cancer drug Sorafenib induced multiple toxic effects in Swiss albino mice via anti-oxidative stress. Toxicology and Applied Pharmacology, 2022, 447, 116072.	1.3	17
11	Apigenin in cancer prevention and therapy: A systematic review and meta-analysis of animal models. Critical Reviews in Oncology/Hematology, 2022, 176, 103751.	2.0	29
12	Protective effect of green synthesized Selenium Nanoparticles against Doxorubicin induced multiple adverse effects in Swiss albino mice. Life Sciences, 2022, 305, 120792.	2.0	14
13	Mechanochemical Synthesis of Sulfur Quantum Dots for Cellular Imaging. ACS Applied Nano Materials, 2021, 4, 3339-3344.	2.4	34
14	Pluripotency inducing Yamanaka factors: role in stemness and chemoresistance of liver cancer. Expert Review of Anticancer Therapy, 2021, 21, 853-864.	1.1	15
15	Abstract 276: Lupeol chemosensitize the cancer stem cells for enzalutamide and ameliorate the enzalutamide induced toxicity in prostate cancer. , 2021, , .		0
16	Revisiting inorganic nanoparticles as promising therapeutic agents: A paradigm shift in oncological theranostics. European Journal of Pharmaceutical Sciences, 2021, 164, 105892.	1.9	32
17	Nano-enabled strategies to combat methicillin-resistant Staphylococcus aureus. Materials Science and Engineering C, 2021, 129, 112384.	3.8	25
18	Therapeutic implications of probiotics in microbiota dysbiosis: A special reference to the liver and oral cancers. Life Sciences, 2021, 285, 120008.	2.0	19

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19	The multiple faces of NANOG in cancer: a therapeutic target to chemosensitize therapy-resistant cancers. Epigenomics, 2021, 13, 1885-1900.	1.0	12
20	Role of Growth Factors in the Treatment of Diabetic Foot Ulceration. , 2021, , 233-249.		0
21	Accentuating CircRNA-miRNA-Transcription Factors Axis: A Conundrum in Cancer Research. Frontiers in Pharmacology, 2021, 12, 784801.	1.6	23
22	Apigenin, A Plant Flavone Playing Noble Roles in Cancer Prevention Via Modulation of Key Cell Signaling Networks. Recent Patents on Anti-Cancer Drug Discovery, 2020, 14, 298-311.	0.8	28
23	Anti-S100A4 Antibody Therapy Is Efficient in Treating Aggressive Prostate Cancer and Reversing Immunosuppression: Serum and BiopsyS100A4as a Clinical Predictor. Molecular Cancer Therapeutics, 2020, 19, 2598-2611.	1.9	8
24	Water soluble ionic Co(<scp>ii</scp>), Cu(<scp>ii</scp>) and Zn(<scp>ii</scp>) diimineâ€“glycinate complexes targeted to tRNA: structural description, in vitro comparative binding, cleavage and cytotoxic studies towards chemoresistant prostate cancer cells. Dalton Transactions, 2020, 49, 16830-16848.	1.6	24
25	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. Journal of Receptor and Signal Transduction Research, 2020, 40, 605-612.	1.3	39
26	p53 destabilizing protein skews asymmetric division and enhances NOTCH activation to direct self-renewal of TICs. Nature Communications, 2020, 11, 3084.	5.8	26
27	New Tailored RNA-Targeted Organometallic Drug Candidates against Huh7 (Liver) and Du145 (Prostate) Cancer Cell Lines. ACS Omega, 2020, 5, 15218-15228.	1.6	12
28	Emerging role of long non-coding RNAs in cancer chemoresistance: unravelling the multifaceted role and prospective therapeutic targeting. Molecular Biology Reports, 2020, 47, 5569-5585.	1.0	18
29	Medicinal Properties of Saffron With Special Reference to Cancerâ€”A Review of Preclinical Studies. , 2020, , 233-244.		7
30	Interaction of thiamethoxam with DNA: Hazardous effect on biochemical and biological parameters of the exposed organism. Chemosphere, 2020, 254, 126875.	4.2	18
31	A novel terpenoid class for prevention and treatment of KRASâ€driven cancers: Comprehensive analysis using in situ, in vitro, and in vivo model systems. Molecular Carcinogenesis, 2020, 59, 886-896.	1.3	9
32	Copper (II)-based halogen-substituted chromone antitumor drug entities: Studying biomolecular interactions with ct-DNA mediated by sigma hole formation and cytotoxicity activity. Bioorganic Chemistry, 2020, 104, 104327.	2.0	18
33	Role of long non-coding RNAs and MYC interaction in cancer metastasis: A possible target for therapeutic intervention. Toxicology and Applied Pharmacology, 2020, 399, 115056.	1.3	24
34	Chemosensitization of Therapy Resistant Tumors: Targeting Multiple Cell Signaling Pathways by Lupeol, A Pentacyclic Triterpene. Current Pharmaceutical Design, 2020, 26, 455-465.	0.9	17
35	Influence of zinc levels on the toxic manifestations of lead exposure among the occupationally exposed workers. Environmental Science and Pollution Research, 2019, 26, 33541-33554.	2.7	10
36	Hazardous sub-cellular effects of Fipronil directly influence the organismal parameters of Spodoptera litura. Ecotoxicology and Environmental Safety, 2019, 172, 216-224.	2.9	14

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37	Evaluation of DNA interaction, genotoxicity and oxidative stress induced by iron oxide nanoparticles both in vitro and in vivo: attenuation by thymoquinone. Scientific Reports, 2019, 9, 6912.	1.6	53
38	Recent advances in metallodrug-like molecules targeting non-coding RNAs in cancer chemotherapy. Coordination Chemistry Reviews, 2019, 387, 47-59.	9.5	30
39	Protective role of nimbolide against chemotherapeutic drug hydroxyurea induced genetic and oxidative damage in an animal model. Environmental Toxicology and Pharmacology, 2018, 60, 91-99.	2.0	15
40	Superparamagnetic iron oxide nanoparticles based cancer theranostics: A double edge sword to fight against cancer. Journal of Drug Delivery Science and Technology, 2018, 45, 177-183.	1.4	43
41	BMI1 Drives Metastasis of Prostate Cancer in Caucasian and African-American Men and Is A Potential Therapeutic Target: Hypothesis Tested in Race-specific Models. Clinical Cancer Research, 2018, 24, 6421-6432.	3.2	28
42	Abstract 1984: Cell fate reprogramming of liver tumor-initiating stem-like cells via phosphorylated NUMB and TBC1D15. , 2018, , .		0
43	Abstract 2542: MSI2 binds LncRNAs and promotes self-renewal and oncogenesis through MYC expression. , 2017, , .		1
44	Abstract 1246: Development of a novel KRAS-targeting agent: systematic validation usingin silico, in solution, cell models, PDX and transgenic mouse models. , 2017, , .		0
45	Targeting Cancer Signaling Pathways by Nimbolide: A review on Chemoprevention and Therapeutic Studies. Cancer Therapy & Oncology International Journal, 2017, 8, .	0.1	0
46	CRSPR/CAS9 Technology: A Revolutionary Molecular Scissors for Genome Editing and Genetic Research. MOJ Cell Science & Report, 2016, 3, .	0.1	6
47	MP66-14 IDENTIFYING NOVEL NUCLEAR TRANSPORTER OF AR AND AR(VARIANT) IN CRPC CELLS: POTENTIAL IMPLICATIONS IN THERAPY. Journal of Urology, 2015, 193, .	0.2	0
48	NUMB phosphorylation destabilizes p53 and promotes selfâ€renewal of tumorâ€initiating cells by a NANOGâ€dependent mechanism in liver cancer. Hepatology, 2015, 62, 1466-1479.	3.6	49
49	Abstract 4678: A novel nuclear transporter for androgen receptor and AR-variant-7 in castration resistant prostate cancer: Ideal therapeutic target. , 2015, , .		0
50	ROBO1, a tumor suppressor and critical molecular barrier for localized tumor cells to acquire invasive phenotype: Study in Africanâ€American and Caucasian prostate cancer models. International Journal of Cancer, 2014, 135, 2493-2506.	2.3	34
51	The S100A4 Oncoprotein Promotes Prostate Tumorigenesis in a Transgenic Mouse Model: Regulating NFÂB through the RAGE Receptor. Genes and Cancer, 2013, 4, 224-234.	0.6	46
52	BMI1, Stem Cell Factor Acting as Novel Serum-biomarker for Caucasian and African-American Prostate Cancer. PLoS ONE, 2013, 8, e52993.	1.1	22
53	BMI1 Polycomb Group Protein Acts as a Master Switch for Growth and Death of Tumor Cells: Regulates TCF4-Transcriptional Factor-Induced BCL2 Signaling. PLoS ONE, 2013, 8, e60664.	1.1	33
54	Differential Effects of Genistein on Prostate Cancer Cells Depend on Mutational Status of the Androgen Receptor. PLoS ONE, 2013, 8, e78479.	1.1	49

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55	Androgen Receptor in Human Health: A Potential Therapeutic Target. Current Drug Targets, 2012, 13, 1907-1916.	1.0	12
56	Castration-resistant prostate cancer: potential targets and therapies. Biologics: Targets and Therapy, 2012, 6, 267.	3.0	9
57	Role of BMI1, a Stem Cell Factor, in Cancer Recurrence and Chemoresistance: Preclinical and Clinical Evidences. Stem Cells, 2012, 30, 372-378.	1.4	294
58	Epicatechinâ€rich cocoa polyphenol inhibits Krasâ€activated pancreatic ductal carcinoma cell growth in vitro and in a mouse model. International Journal of Cancer, 2012, 131, 1720-1731.	2.3	46
59	S100A4 calcium-binding protein is key player in tumor progression and metastasis: preclinical and clinical evidence. Cancer and Metastasis Reviews, 2012, 31, 163-172.	2.7	149
60	Abstract 3847: Lupeol, a novel inhibitor of Wnt/Î²-catenin signaling: Implications in colon cancer therapy. , 2012, , .		1
61	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
62	Abstract 3497: A novel pathway involving Tcf-driven Bcl2 under regulation of Bmi-1 stem cell factor: Role in chemoresistance. , 2012, , .		0
63	Beneficial health effects of lupeol triterpene: A review of preclinical studies. Life Sciences, 2011, 88, 285-293.	2.0	261
64	Lupeol, a Novel Androgen Receptor Inhibitor: Implications in Prostate Cancer Therapy. Clinical Cancer Research, 2011, 17, 5379-5391.	3.2	82
65	Abstract 943: Lupeol, a novel androgen receptor inhibitor acts as a double-edged sword: Competitive binding as well as transcriptional inhibition. , 2011, , .		2
66	Hazardous effect of tannery solid waste leachates on development and reproduction in Drosophila melanogaster: 70kDa heat shock protein as a marker of cellular damage. Ecotoxicology and Environmental Safety, 2009, 72, 1652-1662.	2.9	37
67	Adverse effect of tannery waste leachates in transgenic Drosophila melanogaster: role of ROS in modulation of Hsp70, oxidative stress and apoptosis. Journal of Applied Toxicology, 2008, 28, 734-748.	1.4	35
68	DNA damage induced by industrial solid waste leachates in Drosophila melanogaster: A mechanistic approach. Environmental and Molecular Mutagenesis, 2008, 49, 206-216.	0.9	23
69	Induction of hsp70, alterations in oxidative stress markers and apoptosis against dichlorvos exposure in transgenic Drosophila melanogaster: Modulation by reactive oxygen species. Biochimica Et Biophysica Acta - General Subjects, 2007, 1770, 1382-1394.	1.1	62
70	Induction of biochemical stress markers and apoptosis in transgenic Drosophila melanogaster against complex chemical mixtures: Role of reactive oxygen species. Chemico-Biological Interactions, 2007, 169, 171-188.	1.7	31
71	Adverse effect of organophosphate compounds, dichlorvos and chlorpyrifos in the reproductive tissues of transgenic Drosophila melanogaster: 70kDa heat shock protein as a marker of cellular damage. Toxicology, 2007, 238, 1-14.	2.0	48
72	Synthetic Pyrethroid Cypermethrin Induced Cellular Damage in Reproductive Tissues of Drosophila melanogaster: Hsp70 as a Marker of Cellular Damage. Archives of Environmental Contamination and Toxicology, 2006, 51, 673-680.	2.1	19

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73	Genotoxicity of industrial solid waste leachates inDrosophila melanogaster. Environmental and Molecular Mutagenesis, 2005, 46, 189-197.	0.9	53
74	Comparative toxic potential of market formulation of two organophosphate pesticides in transgenic Drosophila melanogaster (hsp70-lacZ). Cell Biology and Toxicology, 2005, 21, 149-162.	2.4	27
75	Validation of Drosophila melanogaster as an in vivo model for genotoxicity assessment using modified alkaline Comet assay. Mutagenesis, 2005, 20, 285-290.	1.0	98
76	Hazardous effect of organophosphate compound, dichlorvos in transgenic Drosophila melanogaster (hsp70-lacZ): Induction of hsp70, anti-oxidant enzymes and inhibition of acetylcholinesterase. Biochimica Et Biophysica Acta - General Subjects, 2005, 1725, 81-92.	1.1	51