Farrukh Aqil

List of Publications by Year
in descending order

126 papers	5,931 citations	101543 36 h-index	82547 72 g-index
133 all docs	133 docs citations	133 times ranked	7593 citing authors

#	Article	IF	Citations
1	Bovine milk-derived exosomes for drug delivery. Cancer Letters, 2016, 371, 48-61.	7.2	630
2	Milk-derived exosomes for oral delivery of paclitaxel. Nanomedicine: Nanotechnology, Biology, and Medicine, 2017, 13, 1627-1636.	3.3	375
3	Metal tolerance and biosorption potential of filamentous fungi isolated from metal contaminated agricultural soil. Bioresource Technology, 2007, 98, 2557-2561.	9.6	366
4	Advanced Drug Delivery Systems of Curcumin for Cancer Chemoprevention. Cancer Prevention Research, 2011, 4, 1158-1171.	1.5	303
5	Bioavailability of phytochemicals and its enhancement by drug delivery systems. Cancer Letters, 2013, 334, 133-141.	7.2	263
6	Milk exosomes - Natural nanoparticles for siRNA delivery. Cancer Letters, 2019, 449, 186-195.	7.2	219
7	Exosomal formulation enhances therapeutic response of celastrol against lung cancer. Experimental and Molecular Pathology, 2016, 101, 12-21.	2.1	202
8	Exosomes for the Enhanced Tissue Bioavailability and Efficacy of Curcumin. AAPS Journal, 2017, 19, 1691-1702.	4.4	201
9	In vitro efficacy of bioactive extracts of 15 medicinal plants against ESÎ²L-producing multidrug-resistant enteric bacteria. Microbiological Research, 2007, 162, 264-275.	5.3	176
10	Exosomal formulation of anthocyanidins against multiple cancer types. Cancer Letters, 2017, 393, 94-102.	7.2	160
11	Antioxidant and Antiproliferative Activities of Anthocyanin/Ellagitannin-Enriched Extracts FromSyzygium cuminiL. (Jamun, the Indian Blackberry). Nutrition and Cancer, 2012, 64, 428-438.	2.0	142
12	Broad spectrum antimutagenic activity of antioxidant active fraction of Punica granatum L. peel extracts. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2010, 703, 99-107.	1.7	138
13	Effect of certain bioactive plant extracts on clinical isolates of ?-lactamase producing methicillin resistantStaphylococcus aureus. Journal of Basic Microbiology, 2005, 45, 106-114.	3.3	132
14	Exosomal delivery of berry anthocyanidins for the management of ovarian cancer. Food and Function, 2017, 8, 4100-4107.	4.6	127
15	Berry anthocyanidins synergistically suppress growth and invasive potential of human non-small-cell lung cancer cells. Cancer Letters, 2012, 325, 54-62.	7.2	125
16	Quality Control, Screening, Toxicity, and Regulation of Herbal Drugs. , 0, , 25-57.		118
17	Leaf Extracts of Mangifera indica L. Inhibit Quorum Sensing â€“ Regulated Production of Virulence Factors and Biofilm in Test Bacteria. Frontiers in Microbiology, 2017, 8, 727.	3.5	110
18	Exosomal miRNAs as biomarkers of recurrent lung cancer. Tumor Biology, 2016, 37, 10703-10714.	1.8	108

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19	Anti-proliferative activity and protection against oxidative DNA damage by punicalagin isolated from pomegranate husk. Food Research International, 2012, 49, 345-353.	6.2	96
20	Tanshinone IIA inhibits viral oncogene expression leading to apoptosis and inhibition of cervical cancer. Cancer Letters, 2015, 356, 536-546.	7.2	93
21	Punicalagin and Ellagic Acid Demonstrate Antimutagenic Activity and Inhibition of Benzo[a]pyrene Induced DNA Adducts. BioMed Research International, 2014, 2014, 1-10.	1.9	83
22	Title is missing!. World Journal of Microbiology and Biotechnology, 2003, 19, 653-657.	3.6	75
23	Antibacterial properties of traditionally used Indian medicinal plants. Methods and Findings in Experimental and Clinical Pharmacology, 2007, 29, 79.	0.8	74
24	Antioxidant and antimutagenic activity of Carum copticum fruit extracts. Toxicology in Vitro, 2010, 24, 1243-1249.	2.4	70
25	Promising molecular targeted therapies in breast cancer. Indian Journal of Pharmacology, 2011, 43, 236.	0.7	68
26	Quantitative NMR: An Applicable Method for Quantitative Analysis of Medicinal Plant Extracts and Herbal Products. Phytochemical Analysis, 2012, 23, 689-696.	2.4	67
27	MicroRNA â€˜signatureâ€™ during estrogen-mediated mammary carcinogenesis and its reversal by ellagic acid intervention. Cancer Letters, 2013, 339, 175-184.	7.2	65
28	Exosome-mediated delivery of RNA and DNA for gene therapy. Cancer Letters, 2021, 505, 58-72.	7.2	64
29	Cucurbitacin B potently suppresses non-small-cell lung cancer growth: Identification of intracellular thiols as critical targets. Cancer Letters, 2013, 332, 35-45.	7.2	63
30	Chemopreventive and Therapeutic Activity of Dietary Blueberry against Estrogen-Mediated Breast Cancer. Journal of Agricultural and Food Chemistry, 2014, 62, 3963-3971.	5.2	61
31	Evaluation of anti-methicillin-resistantStaphylococcus aureus (MRSA) activity and synergy of some bioactive plant extracts. Biotechnology Journal, 2006, 1, 1093-1102.	3.5	60
32	Liquid biopsy using the nanotube-CTC-chip: capture of invasive CTCs with high purity using preferential adherence in breast cancer patients. Lab on A Chip, 2019, 19, 1899-1915.	6.0	60
33	Inhibition of Estrogen-Mediated Mammary Tumorigenesis by Blueberry and Black Raspberry. Journal of Agricultural and Food Chemistry, 2012, 60, 5547-5555.	5.2	50
34	Targeted Oral Delivery of Paclitaxel Using Colostrum-Derived Exosomes. Cancers, 2021, 13, 3700.	3.7	49
35	Withaferin A inhibits Epithelial to Mesenchymal Transition in Non-Small Cell Lung Cancer Cells. Scientific Reports, 2018, 8, 15737.	3.3	43
36	Screening of certain medicinal plants from India for their anti-quorum sensing activity. Indian Journal of Experimental Biology, 2010, 48, 1219-24.	0.0	40

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37	Antimicrobial, antioxidant, and antimutagenic activities of selected marine natural products and tobacco cembranoids. Drug and Chemical Toxicology, 2011, 34, 167-179.	2.3	39
38	Controlled-release systemic delivery - a new concept in cancer chemoprevention. Carcinogenesis, 2012, 33, 1608-1615.	2.8	37
39	Exosomes as Emerging Drug Delivery and Diagnostic Modality for Breast Cancer: Recent Advances in Isolation and Application. Cancers, 2022, 14, 1435.	3.7	37
40	Prevention of hormonal breast cancer by dietary jamun. Molecular Nutrition and Food Research, 2016, 60, 1470-1481.	3.3	36
41	Plant growth promoting potential of free-living diazotrophs and other rhizobacteria isolated from Northern Indian soil. Biotechnology Journal, 2006, 1, 1112-1123.	3.5	34
42	Antioxidant and antimutagenic potential of Psidium guajava leaf extracts. Drug and Chemical Toxicology, 2017, 40, 146-153.	2.3	32
43	Lung cancer inhibitory activity of dietary berries and berry polyphenolics. Journal of Berry Research, 2016, 6, 105-114.	1.4	31
44	Antioxidant Capacity and Antimutagenic Potential ofMurraya koenigii. BioMed Research International, 2013, 2013, 1-10.	1.9	30
45	Milk exosomes: A biogenic nanocarrier for small molecules and macromolecules to combat cancer. American Journal of Reproductive Immunology, 2021, 85, e13349.	1.2	30
46	Virulence and Pathogenicity of Fungal Pathogens with Special Reference to Candida albicans. , 2010, , 21-45.		30
47	Antimutagenic activity of methanolic extracts of four ayurvedic medicinal plants. Indian Journal of Experimental Biology, 2008, 46, 668-72.	0.0	28
48	Detection of Anthocyanins/Anthocyanidins in Animal Tissues. Journal of Agricultural and Food Chemistry, 2014, 62, 3912-3918.	5.2	27
49	Hyperhomocysteinemia decreases intestinal motility leading to constipation. American Journal of Physiology - Renal Physiology, 2012, 303, G281-G290.	3.4	24
50	Multi-layer polymeric implants for sustained release of chemopreventives. Cancer Letters, 2012, 326, 33-40.	7.2	24
51	Incidence and transferability of antibiotic resistance in the enteric bacteria isolated from hospital wastewater. Brazilian Journal of Microbiology, 2013, 44, 799-806.	2.0	22
52	Microbe-based therapies for colorectal cancer: Advantages and limitations. Seminars in Cancer Biology, 2022, 86, 652-665.	9.6	21
53	Bioactive Phytocompounds: New Approaches in the Phytosciences. , 0, , 1-24.		20
54	Bioactive compounds from Punica granatum, Curcuma longa and Zingiber officinale and their therapeutic potential. Drugs of the Future, 2008, 33, 0329.	0.1	20

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55	Enhanced activity of punicalagin delivered via polymeric implants against benzo[a]pyrene-induced DNA adducts. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2012, 743, 59-66.	1.7	19
56	Chemoprevention of mammary carcinogenesis by sustained systemic delivery of ellagic acid. European Journal of Cancer Prevention, 2011, 20, 484-491.	1.3	18
57	Curcumin implants for continuous systemic delivery: safety and biocompatibility. Drug Delivery and Translational Research, 2011, 1, 332-341.	5.8	16
58	Synergistic combinations of paclitaxel and withaferin A against human non-small cell lung cancer cells. Oncotarget, 2020, 11, 1399-1416.	1.8	16
59	Antifungal Activity of Medicinal Plant Extracts and Phytocompounds: A Review. , 2010, , 449-484.		15
60	The Indian Blackberry (Jamun), Antioxidant Capacity, and Cancer Protection. , 2014, , 101-113.		15
61	Exosomes in Cancer Therapy. Cancers, 2022, 14, 500.	3.7	15
62	Chemoprevention of Rat Mammary Carcinogenesis by Apiaceae Spices. International Journal of Molecular Sciences, 2017, 18, 425.	4.1	14
63	Methods for Testing the Antimicrobial Activity of Extracts. , 0, , 157-171.		12
64	Plant Extracts Used to Manage Bacterial, Fungal, and Parasitic Infections in Southern Africa. , 0, , 97-121.		12
65	Herbal Medicines: Prospects and Constraints. , 0, , 59-77.		11
66	Potent Chemopreventive/Antioxidant Activity Detected in Common Spices of the Apiaceae Family. Nutrition and Cancer, 2015, 67, 1201-1207.	2.0	10
67	Activity of Plant Extracts and Plant-Derived Compounds against Drug-Resistant Microorganisms. , 0, , 199-231.		7
68	Polymeric Implants for the Delivery of Green Tea Polyphenols. Journal of Pharmaceutical Sciences, 2014, 103, 945-951.	3.3	7
69	Anticancer Phytocompounds. , 2019, , 237-272.		7
70	Development of a goat model for evaluation of withaferin A: Cervical implants for the treatment of cervical intraepithelial neoplasia. Experimental and Molecular Pathology, 2017, 103, 320-329.	2.1	7
71	Anthocyanidins Inhibit Growth and Chemosensitize Triple-Negative Breast Cancer via the NF-Î¹B Signaling Pathway. Cancers, 2021, 13, 6248.	3.7	7
72	Ethnomedicinal Antivirals: Scope and Opportunity. , 0, , 313-339.		6

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73	Honey: Antimicrobial Actions and Role in Disease Management. , 0, , 229-253.		6
74	Quantitative analysis ofEugenia jambolana(Willd. ex O.Berg) for its major anthocyanins by densitometry. Journal of Planar Chromatography - Modern TLC, 2013, 26, 363-369.	1.2	6
75	Sustained expression of CYPs and DNA adduct accumulation with continuous exposure to PCB126 and PCB153 through a new delivery method: Polymeric implants. Toxicology Reports, 2014, 1, 820-833.	3.3	6
76	Abstract 5407: Milk derived exosomes: Scalable source of biologically active drug delivery nanoparticles. Cancer Research, 2014, 74, 5407-5407.	0.9	6
77	Nanotechnological interventions of the microbiome as a next-generation antimicrobial therapy. Science of the Total Environment, 2022, 833, 155085.	8.0	6
78	Mutagenicity and Antimutagenicity of Medicinal Plants. , 0, , 271-291.		5
79	Targeted Screening of Bioactive Plant Extracts and Phytocompounds Against Problematic Groups of Multidrug-Resistant Bacteria. , 0, , 173-197.		5
80	Application of Plant Extracts and Products in Veterinary Infections. , 0, , 205-228.		5
81	Potential of Plant-Derived Products in the Treatment of Mycobacterial Infections. , 0, , 293-311.		4
82	Essential Oils and New Antimicrobial Strategies. , 0, , 165-203.		4
83	Traditional Plants and Herbal Remedies Used in the Treatment of Diarrheal Disease: Mode of Action, Quality, Efficacy, and Safety Considerations. , 0, , 247-269.		3
84	An Alternative Holistic Medicinal Approach to the Total Management of Hepatic Disorders: A Novel Polyherbal Formulation. , 0, , 233-245.		3
85	Broad Spectrum Antioxidant Properties of 20 Indian Medicinal Plants. Journal of Herbs, Spices and Medicinal Plants, 2016, 22, 118-129.	1.1	3
86	Bioactive Phytocompounds and Products Traditionally Used in Japan. , 0, , 79-96.		2
87	Novel Approaches to Combat Drug-Resistant Bacteria. , 0, , 47-70.		2
88	Abstract 1887: Distinct molecular targets of blueberry and black raspberry in breast cancer prevention. Cancer Research, 2010, 70, 1887-1887.	0.9	2
89	Abstract 155: MicroRNA â€˜signatureâ€™ during estrogen-mediated mammary carcinogenesis. , 2011, , .		2
90	Abstract 4603: Bioavailability of ellagic acid/ellagitannins from black raspberry and pomegranate. , 2011, , .		2

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91	Abstract 2040: Withaferin A inhibits epithelial-to-mesenchymal transition in non-small lung cell cancer cells via regulation of SMAD and NFkB signaling. Cancer Research, 2018, 78, 2040-2040.	0.9	2
92	Editorial: Role of Phytochemicals and Structural Analogs in Cancer Chemoprevention and Therapeutics. Frontiers in Pharmacology, 2022, 13, 865619.	3.5	2
93	Use of a Liposomal Delivery System for Herbal-Based Therapeutics (with a Focus on Clove Oil). , 0, , 357-367.		1
94	Immunomodulatory Effects of Phytocompounds. , 0, , 341-356.		1
95	Anti-MRSA and Anti-VRE Activities of Phytoalexins and Phytoncides Isolated from Tropical Plants. , 0, , 137-155.		1
96	Molecular Mechanisms of Antibiotic Resistance: The Need for Novel Antimicrobial Therapies. , 0, , 1-46.		1
97	Honey: Biological Characteristics and Potential Role in Disease Management. , 0, , 255-274.		1
98	Non-Antibioticsâ€“ An Alternative for Microbial Resistance: Scope and Hope. , 0, , 89-125.		1
99	Use of Natural Products to Combat Multidrug-Resistant Bacteria. , 0, , 127-135.		1
100	West African Plants and Related Phytocompounds with Anti-Multidrug-Resistance Activity. , 0, , 137-164.		1
101	Immunomodulators: Potential in Treatment of Systemic Fungal Infections. , 2010, , 397-421.		1
102	Abstract 3678: Enhanced activity of chemotherapeutic drugs by blueberry anthocyanidins and withaferin A against human lung cancer cells.. , 2013, , .		1
103	Abstract 5688: Chemopreventive potential of â€˜jamunâ€™ (Indian blackberry) against estrogen-mediated mammary carcinogenesis. Cancer Research, 2010, 70, 5688-5688.	0.9	1
104	Abstract 1863: Curcumin implants, not curcumin diet inhibits estrogen induced-mammary carcinogenesis. Cancer Research, 2011, 71, 1863-1863.	0.9	1
105	Abstract 1947: Tumor-derived circulatory exosomal miRNAs as biomarkers of recurrent lung tumors.. Cancer Research, 2013, 73, 1947-1947.	0.9	1
106	Abstract 3705: Chemopreventive and therapeutic activity of high anthocyanin-content blueberry against estrogen-mediated breast cancer.. , 2013, , .		1
107	Biological and Toxicological Properties of Moroccan Plant Extracts: Advances in Research. , 0, , 123-136.		0
108	Probiotics: Benefits in Human Health and Bacterial Disease Management. , 0, , 275-295.		0

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109	Promising Current Drug Candidates in Clinical Trials and Natural Products Against Multidrug-Resistant Tuberculosis. , 0, , 71-87.		0
110	Cumin Prevents 17Î²-Estradiol-Associated Breast Cancer in ACI Rats. International Journal of Molecular Sciences, 2021, 22, 6194.	4.1	0
111	Abstract 1884: Synergistic anti-cancer activities of berry anthocyanidins on human lung cancer cells. , 2010, , .		0
112	Abstract 5673: Controlled-release systemic delivery of chemopreventive agents - An update. Cancer Research, 2010, 70, 5673-5673.	0.9	0
113	Abstract 1880: Polymeric implants enhance bioavailability of curcumin by providing a continous (â€œ24/7â€) delivery system. Cancer Research, 2010, 70, 1880-1880.	0.9	0
114	Abstract 1879: Chemoprevention of rat mammary carcinogenesis by Apiaceae spices: Potential mechanisms. , 2010, , .		0
115	Abstract 5690: Increased anti-tumor activity by novel systemic delivery and molecular targets of Tanshinone II A. , 2010, , .		0
116	Abstract 4597: Chemopreventive and chemotherapeutic potential of blueberry and black raspberry against lung cancer using mouse models. , 2011, , .		0
117	Abstract 4619: Chemopreventive activities of the dark-color fruit â€˜jamunâ€™, the Indian blackberry. , 2011, , .		0
118	Abstract 4631: Sustained-release, multi-layer polymeric implants for heat-labile compounds. , 2011, , .		0
119	Abstract 3711: Enhanced bioactivity of punicalagins by polymeric implants against benzo[a]pyrene-induced DNA adducts in vivo. , 2011, , .		0
120	Abstract 5557: Steady DNA adduct accumulation by dibenzo[a,l]pyrene implants. , 2011, , .		0
121	Abstract 5447: Breast cancer chemoprevention by â€˜Jamunâ€™, the Indian blackberry: Potential mechanisms. , 2012, , .		0
122	Abstract 2883: Enhanced anti-tumor activity and bioavailability of chemopreventives by coated polymeric implants. , 2012, , .		0
123	Abstract 5443: Prevention of breast cancer by spices: Involvement of miRNA and other molecular targets. , 2012, , .		0
124	Abstract 2586: Pomegranate components modulate distinct pathways in prostate cancer cells. , 2012, , .		0
125	Abstract 4646: Cumin extract prevents estrogen-associated breast cancer in ACI rats. , 2015, , .		0
126	Controlled Delivery of Chemopreventive Agents by Polymeric Implants. Methods in Molecular Biology, 2016, 1379, 1-11.	0.9	0