

# Farrukh Aqil

## List of Publications by Year in descending order

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126  
papers

5,931  
citations

101384

36  
h-index

82410

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. <i>Cancer Letters</i> , 2016, 371, 48-61.	3.2	630
2	Milk-derived exosomes for oral delivery of paclitaxel. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 1627-1636.	1.7	375
3	Metal tolerance and biosorption potential of filamentous fungi isolated from metal contaminated agricultural soil. <i>Bioresource Technology</i> , 2007, 98, 2557-2561.	4.8	366
4	Advanced Drug Delivery Systems of Curcumin for Cancer Chemoprevention. <i>Cancer Prevention Research</i> , 2011, 4, 1158-1171.	0.7	303
5	Bioavailability of phytochemicals and its enhancement by drug delivery systems. <i>Cancer Letters</i> , 2013, 334, 133-141.	3.2	263
6	Milk exosomes - Natural nanoparticles for siRNA delivery. <i>Cancer Letters</i> , 2019, 449, 186-195.	3.2	219
7	Exosomal formulation enhances therapeutic response of celastrol against lung cancer. <i>Experimental and Molecular Pathology</i> , 2016, 101, 12-21.	0.9	202
8	Exosomes for the Enhanced Tissue Bioavailability and Efficacy of Curcumin. <i>AAPS Journal</i> , 2017, 19, 1691-1702.	2.2	201
9	In vitro efficacy of bioactive extracts of 15 medicinal plants against ES <sup>2</sup> L-producing multidrug-resistant enteric bacteria. <i>Microbiological Research</i> , 2007, 162, 264-275.	2.5	176
10	Exosomal formulation of anthocyanidins against multiple cancer types. <i>Cancer Letters</i> , 2017, 393, 94-102.	3.2	160
11	Antioxidant and Antiproliferative Activities of Anthocyanin/Ellagitannin-Enriched Extracts From <i>Syzygium cumini</i> L. ( <i>Jamun</i> , the Indian Blackberry). <i>Nutrition and Cancer</i> , 2012, 64, 428-438.	0.9	142
12	Broad spectrum antimutagenic activity of antioxidant active fraction of <i>Punica granatum</i> L. peel extracts. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2010, 703, 99-107.	0.9	138
13	Effect of certain bioactive plant extracts on clinical isolates of $\beta$ -lactamase producing methicillin resistant <i>Staphylococcus aureus</i> . <i>Journal of Basic Microbiology</i> , 2005, 45, 106-114.	1.8	132
14	Exosomal delivery of berry anthocyanidins for the management of ovarian cancer. <i>Food and Function</i> , 2017, 8, 4100-4107.	2.1	127
15	Berry anthocyanidins synergistically suppress growth and invasive potential of human non-small-cell lung cancer cells. <i>Cancer Letters</i> , 2012, 325, 54-62.	3.2	125
16	Quality Control, Screening, Toxicity, and Regulation of Herbal Drugs. , 0, , 25-57.		118
17	Leaf Extracts of <i>Mangifera indica</i> L. Inhibit Quorum Sensing Regulated Production of Virulence Factors and Biofilm in Test Bacteria. <i>Frontiers in Microbiology</i> , 2017, 8, 727.	1.5	110
18	Exosomal miRNAs as biomarkers of recurrent lung cancer. <i>Tumor Biology</i> , 2016, 37, 10703-10714.	0.8	108

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19	Anti-proliferative activity and protection against oxidative DNA damage by punicalagin isolated from pomegranate husk. <i>Food Research International</i> , 2012, 49, 345-353.	2.9	96
20	Tanshinone IIA inhibits viral oncogene expression leading to apoptosis and inhibition of cervical cancer. <i>Cancer Letters</i> , 2015, 356, 536-546.	3.2	93
21	Punicalagin and Ellagic Acid Demonstrate Antimutagenic Activity and Inhibition of Benzo[a]pyrene Induced DNA Adducts. <i>BioMed Research International</i> , 2014, 2014, 1-10.	0.9	83
22	Title is missing!. <i>World Journal of Microbiology and Biotechnology</i> , 2003, 19, 653-657.	1.7	75
23	Antibacterial properties of traditionally used Indian medicinal plants. <i>Methods and Findings in Experimental and Clinical Pharmacology</i> , 2007, 29, 79.	0.8	74
24	Antioxidant and antimutagenic activity of <i>Carum copticum</i> fruit extracts. <i>Toxicology in Vitro</i> , 2010, 24, 1243-1249.	1.1	70
25	Promising molecular targeted therapies in breast cancer. <i>Indian Journal of Pharmacology</i> , 2011, 43, 236.	0.4	68
26	Quantitative NMR: An Applicable Method for Quantitative Analysis of Medicinal Plant Extracts and Herbal Products. <i>Phytochemical Analysis</i> , 2012, 23, 689-696.	1.2	67
27	MicroRNA "signature"™ during estrogen-mediated mammary carcinogenesis and its reversal by ellagic acid intervention. <i>Cancer Letters</i> , 2013, 339, 175-184.	3.2	65
28	Exosome-mediated delivery of RNA and DNA for gene therapy. <i>Cancer Letters</i> , 2021, 505, 58-72.	3.2	64
29	Cucurbitacin B potently suppresses non-small-cell lung cancer growth: Identification of intracellular thiols as critical targets. <i>Cancer Letters</i> , 2013, 332, 35-45.	3.2	63
30	Chemopreventive and Therapeutic Activity of Dietary Blueberry against Estrogen-Mediated Breast Cancer. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 3963-3971.	2.4	61
31	Evaluation of anti-methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) activity and synergy of some bioactive plant extracts. <i>Biotechnology Journal</i> , 2006, 1, 1093-1102.	1.8	60
32	Liquid biopsy using the nanotube-CTC-chip: capture of invasive CTCs with high purity using preferential adherence in breast cancer patients. <i>Lab on A Chip</i> , 2019, 19, 1899-1915.	3.1	60
33	Inhibition of Estrogen-Mediated Mammary Tumorigenesis by Blueberry and Black Raspberry. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 5547-5555.	2.4	50
34	Targeted Oral Delivery of Paclitaxel Using Colostrum-Derived Exosomes. <i>Cancers</i> , 2021, 13, 3700.	1.7	49
35	Withaferin A inhibits Epithelial to Mesenchymal Transition in Non-Small Cell Lung Cancer Cells. <i>Scientific Reports</i> , 2018, 8, 15737.	1.6	43
36	Screening of certain medicinal plants from India for their anti-quorum sensing activity. <i>Indian Journal of Experimental Biology</i> , 2010, 48, 1219-24.	0.5	40

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37	Antimicrobial, antioxidant, and antimutagenic activities of selected marine natural products and tobacco cembranoids. <i>Drug and Chemical Toxicology</i> , 2011, 34, 167-179.	1.2	39
38	Controlled-release systemic delivery - a new concept in cancer chemoprevention. <i>Carcinogenesis</i> , 2012, 33, 1608-1615.	1.3	37
39	Exosomes as Emerging Drug Delivery and Diagnostic Modality for Breast Cancer: Recent Advances in Isolation and Application. <i>Cancers</i> , 2022, 14, 1435.	1.7	37
40	Prevention of hormonal breast cancer by dietary jamun. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 1470-1481.	1.5	36
41	Plant growth promoting potential of free-living diazotrophs and other rhizobacteria isolated from Northern Indian soil. <i>Biotechnology Journal</i> , 2006, 1, 1112-1123.	1.8	34
42	Antioxidant and antimutagenic potential of <i>Psidium guajava</i> leaf extracts. <i>Drug and Chemical Toxicology</i> , 2017, 40, 146-153.	1.2	32
43	Lung cancer inhibitory activity of dietary berries and berry polyphenolics. <i>Journal of Berry Research</i> , 2016, 6, 105-114.	0.7	31
44	Antioxidant Capacity and Antimutagenic Potential of <i>Murraya koenigii</i> . <i>BioMed Research International</i> , 2013, 2013, 1-10.	0.9	30
45	Milk exosomes: A biogenic nanocarrier for small molecules and macromolecules to combat cancer. <i>American Journal of Reproductive Immunology</i> , 2021, 85, e13349.	1.2	30
46	Virulence and Pathogenicity of Fungal Pathogens with Special Reference to <i>Candida albicans</i> . , 2010, , 21-45.		30
47	Antimutagenic activity of methanolic extracts of four ayurvedic medicinal plants. <i>Indian Journal of Experimental Biology</i> , 2008, 46, 668-72.	0.5	28
48	Detection of Anthocyanins/Anthocyanidins in Animal Tissues. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 3912-3918.	2.4	27
49	Hyperhomocysteinemia decreases intestinal motility leading to constipation. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 303, G281-G290.	1.6	24
50	Multi-layer polymeric implants for sustained release of chemopreventives. <i>Cancer Letters</i> , 2012, 326, 33-40.	3.2	24
51	Incidence and transferability of antibiotic resistance in the enteric bacteria isolated from hospital wastewater. <i>Brazilian Journal of Microbiology</i> , 2013, 44, 799-806.	0.8	22
52	Microbe-based therapies for colorectal cancer: Advantages and limitations. <i>Seminars in Cancer Biology</i> , 2022, 86, 652-665.	4.3	21
53	Bioactive Phytocompounds: New Approaches in the Phytosciences. , 0, , 1-24.		20
54	Bioactive compounds from <i>Punica granatum</i> , <i>Curcuma longa</i> and <i>Zingiber officinale</i> and their therapeutic potential. <i>Drugs of the Future</i> , 2008, 33, 0329.	0.0	20

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55	Enhanced activity of punicalagin delivered via polymeric implants against benzo[a]pyrene-induced DNA adducts. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2012, 743, 59-66.	0.9	19
56	Chemoprevention of mammary carcinogenesis by sustained systemic delivery of ellagic acid. <i>European Journal of Cancer Prevention</i> , 2011, 20, 484-491.	0.6	18
57	Curcumin implants for continuous systemic delivery: safety and biocompatibility. <i>Drug Delivery and Translational Research</i> , 2011, 1, 332-341.	3.0	16
58	Synergistic combinations of paclitaxel and withaferin A against human non-small cell lung cancer cells. <i>Oncotarget</i> , 2020, 11, 1399-1416.	0.8	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. <i>Cancers</i> , 2022, 14, 500.	1.7	15
62	Chemoprevention of Rat Mammary Carcinogenesis by Apiaceae Spices. <i>International Journal of Molecular Sciences</i> , 2017, 18, 425.	1.8	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. <i>Nutrition and Cancer</i> , 2015, 67, 1201-1207.	0.9	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. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 945-951.	1.6	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. <i>Experimental and Molecular Pathology</i> , 2017, 103, 320-329.	0.9	7
71	Anthocyanidins Inhibit Growth and Chemosensitize Triple-Negative Breast Cancer via the NF- $\kappa$ B Signaling Pathway. <i>Cancers</i> , 2021, 13, 6248.	1.7	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 of <i>Eugenia jambolana</i> (Willd. ex O.Berg) for its major anthocyanins by densitometry. Journal of Planar Chromatography - Modern TLC, 2013, 26, 363-369.	0.6	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.	1.6	6
76	Abstract 5407: Milk derived exosomes: Scalable source of biologically active drug delivery nanoparticles. Cancer Research, 2014, 74, 5407-5407.	0.4	6
77	Nanotechnological interventions of the microbiome as a next-generation antimicrobial therapy. Science of the Total Environment, 2022, 833, 155085.	3.9	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.	0.5	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.	0.4	2
89	Abstract 155: MicroRNA "signature"™ 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 NFκB signaling. <i>Cancer Research</i> , 2018, 78, 2040-2040.	0.4	2
92	Editorial: Role of Phytochemicals and Structural Analogs in Cancer Chemoprevention and Therapeutics. <i>Frontiers in Pharmacology</i> , 2022, 13, 865619.	1.6	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. <i>Cancer Research</i> , 2010, 70, 5688-5688.	0.4	1
104	Abstract 1863: Curcumin implants, not curcumin diet inhibits estrogen induced-mammary carcinogenesis. <i>Cancer Research</i> , 2011, 71, 1863-1863.	0.4	1
105	Abstract 1947: Tumor-derived circulatory exosomal miRNAs as biomarkers of recurrent lung tumors.. <i>Cancer Research</i> , 2013, 73, 1947-1947.	0.4	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 17 $\beta$ -Estradiol-Associated Breast Cancer in ACI Rats. International Journal of Molecular Sciences, 2021, 22, 6194.	1.8	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.	0.4	0
113	Abstract 1880: Polymeric implants enhance bioavailability of curcumin by providing a continuous (â€œ24/7â€) delivery system. Cancer Research, 2010, 70, 1880-1880.	0.4	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.	0.4	0