

Rakesh Naidu

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

1,697
citations

279487

23
h-index

329751

37
g-index

81
all docs

81
docs citations

81
times ranked

2333
citing authors

#	ARTICLE	IF	CITATIONS
1	Expression of c-erbB3 protein in primary breast carcinomas. <i>British Journal of Cancer</i> , 1998, 78, 1385-1390.	2.9	164
2	Mechanism of Apoptosis Induced by Curcumin in Colorectal Cancer. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2454.	1.8	103
3	Mechanistic Understanding of Curcumin's Therapeutic Effects in Lung Cancer. <i>Nutrients</i> , 2019, 11, 2989.	1.7	88
4	Proteomic analysis of Moroccan cobra <i>Naja haje</i> <i>legionis</i> venom using tandem mass spectrometry. <i>Journal of Proteomics</i> , 2014, 96, 240-252.	1.2	70
5	Unravelling the Genetic History of Negritos and Indigenous Populations of Southeast Asia. <i>Genome Biology and Evolution</i> , 2015, 7, 1206-1215.	1.1	63
6	Mechanism of Anti-Cancer Activity of Curcumin on Androgen-Dependent and Androgen-Independent Prostate Cancer. <i>Nutrients</i> , 2020, 12, 679.	1.7	58
7	Anticancer Mechanism of Curcumin on Human Glioblastoma. <i>Nutrients</i> , 2021, 13, 950.	1.7	47
8	Role of Inflammatory Mediators, Macrophages, and Neutrophils in Glioma Maintenance and Progression: Mechanistic Understanding and Potential Therapeutic Applications. <i>Cancers</i> , 2021, 13, 4226.	1.7	43
9	Protein expression and molecular analysis of c-myc gene in primary breast carcinomas using immunohistochemistry and differential polymerase chain reaction. <i>International Journal of Molecular Medicine</i> , 2002, 9, 189-96.	1.8	43
10	Receptor Tyrosine Kinases and Their Signaling Pathways as Therapeutic Targets of Curcumin in Cancer. <i>Frontiers in Pharmacology</i> , 2021, 12, 772510.	1.6	42
11	Proteomic characterization and comparison of Malaysian <i>Bungarus candidus</i> and <i>Bungarus fasciatus</i> venoms. <i>Journal of Proteomics</i> , 2014, 110, 129-144.	1.2	41
12	Biological, chemical and toxicological perspectives on aerial and roots of <i>Filago germanica</i> (L.) huds: Functional approaches for novel phyto-pharmaceuticals. <i>Food and Chemical Toxicology</i> , 2019, 123, 363-373.	1.8	41
13	Curcumin as an Enhancer of Therapeutic Efficiency of Chemotherapy Drugs in Breast Cancer. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2144.	1.8	40
14	Curcumin: Modulator of Key Molecular Signaling Pathways in Hormone-Independent Breast Cancer. <i>Cancers</i> , 2021, 13, 3427.	1.7	39
15	Cardio-metabolic health risks in indigenous populations of Southeast Asia and the influence of urbanization. <i>BMC Public Health</i> , 2015, 15, 47.	1.2	36
16	Pharmacogenetics of taxanes: impact of gene polymorphisms of drug transporters on pharmacokinetics and toxicity. <i>Pharmacogenomics</i> , 2012, 13, 1979-1988.	0.6	35
17	Expression and amplification of cyclin D1 in primary breast carcinomas: relationship with histopathological types and clinico-pathological parameters. <i>Oncology Reports</i> , 2002, 9, 409-16.	1.2	34
18	The Curcumin Analogue 1,5-Bis(2-hydroxyphenyl)-1,4-pentadiene-3-one Induces Apoptosis and Downregulates E6 and E7 Oncogene Expression in HPV16 and HPV18-Infected Cervical Cancer Cells. <i>Molecules</i> , 2015, 20, 11830-11860.	1.7	32

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19	Molecular Pathways Modulated by Curcumin Analogue, Diarylpentanoids in Cancer. <i>Biomolecules</i> , 2019, 9, 270.	1.8	30
20	Comparison of single nucleotide polymorphisms in the human interleukin-10 gene promoter between rheumatoid arthritis patients and normal subjects in Malaysia. <i>Modern Rheumatology</i> , 2007, 17, 429-435.	0.9	28
21	Associations between hypoxia-inducible factor-1 \pm (HIF-1 \pm) gene polymorphisms and risk of developing breast cancer. <i>Neoplasma</i> , 2009, 56, 441-447.	0.7	27
22	Proteomic Characterization and Comparison of Malaysian <i>Tropidolaemus wagleri</i> and <i>Cryptelytrops purpureomaculatus</i> Venom Using Shotgun-Proteomics. <i>Toxins</i> , 2016, 8, 299.	1.5	27
23	Clinical manifestation and sensitization of allergic children from Malaysia. <i>Asia Pacific Allergy</i> , 2015, 5, 78-83.	0.6	25
24	Sequential ligand- and structure-based virtual screening approach for the identification of potential G protein-coupled estrogen receptor-1 (GPER-1) modulators. <i>RSC Advances</i> , 2019, 9, 2525-2538.	1.7	25
25	Proteomic Characterization of Two Medically Important Malaysian Snake Venoms, <i>Calloselasma rhodostoma</i> (Malayan Pit Viper) and <i>Ophiophagus hannah</i> (King Cobra). <i>Toxins</i> , 2018, 10, 434.	1.5	24
26	The Crosstalk Between Signaling Pathways and Cancer Metabolism in Colorectal Cancer. <i>Frontiers in Pharmacology</i> , 2021, 12, 768861.	1.6	22
27	Protein expression and molecular analysis of c-myc gene in primary breast carcinomas using immunohistochemistry and differential polymerase chain reaction. <i>International Journal of Molecular Medicine</i> , 2002, 9, 189.	1.8	21
28	Polymorphism of FGFR4 Gly388Arg Does Not Confer an Increased Risk to Breast Cancer Development. <i>Oncology Research</i> , 2009, 18, 65-71.	0.6	20
29	Genetic variations in transcription factor 7-like 2 (TCF7L2) gene: association of TCF7L2 rs12255372(G/T) or rs7903146(C/T) with breast cancer risk and clinico-pathological parameters. <i>Medical Oncology</i> , 2012, 29, 411-417.	1.2	20
30	Anti-Proliferative Effect and Induction of Apoptosis in Androgen-Independent Human Prostate Cancer Cells by 1,5-Bis(2-hydroxyphenyl)-1,4-pentadiene-3-one. <i>Molecules</i> , 2015, 20, 3406-3430.	1.7	19
31	Investigations into the therapeutic effects of aerial and stem parts of <i>Buxus papillosa</i> C.K. Schneid.: In vitro chemical, biological and toxicological perspectives. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 166, 128-138.	1.4	19
32	Inhibitory activities of microalgal extracts against Epstein-Barr virus DNA release from lymphoblastoid cells. <i>Journal of Zhejiang University: Science B</i> , 2011, 12, 335-345.	1.3	18
33	Cytotoxic, Anti-Proliferative and Apoptosis Activity of l-Amino Acid Oxidase from Malaysian <i>Cryptelytrops purpureomaculatus</i> (CP-LAAO) Venom on Human Colon Cancer Cells. <i>Molecules</i> , 2018, 23, 1388.	1.7	18
34	The Curcumin Analogue, MS13 (1,5-Bis(4-hydroxy-3-methoxyphenyl)-1,4-pentadiene-3-one), Inhibits Cell Proliferation and Induces Apoptosis in Primary and Metastatic Human Colon Cancer Cells. <i>Molecules</i> , 2020, 25, 3798.	1.7	17
35	The Role of MicroRNAs in Lung Cancer Metabolism. <i>Cancers</i> , 2021, 13, 1716.	1.7	17
36	Insights into the Role of microRNAs in Colorectal Cancer (CRC) Metabolism. <i>Cancers</i> , 2020, 12, 2462.	1.7	16

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37	Cellular and Molecular Events Leading to Paraquat-Induced Apoptosis: Mechanistic Insights into Parkinson's Disease Pathophysiology. <i>Molecular Neurobiology</i> , 2022, 59, 3353-3369.	1.9	16
38	Polymorphic Variants of Interleukin-13 R130Q, Interleukin-4 T589C, Interleukin-4RA I50V, and Interleukin-4RA Q576R in Allergic Rhinitis: A Pilot Study. <i>Allergy and Rhinology</i> , 2012, 3, ar.2012.3.0022.	0.7	15
39	Cytotoxic, Antiproliferative and Apoptosis-inducing Activity of L-Amino Acid Oxidase from Malaysian <i>Calloselasma rhodostoma</i> on Human Colon Cancer Cells. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2018, 123, 577-588.	1.2	15
40	Multidirectional insights into the biochemical and toxicological properties of <i>Bougainvillea glabra</i> (Choisy.) aerial parts: A functional approach for bioactive compounds. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 170, 132-138.	1.4	15
41	Expression and amplification of cyclin D1 in primary breast carcinomas: Relationship with histopathological types and clinico-pathological parameters. <i>Oncology Reports</i> , 0, .	1.2	15
42	Genetic Polymorphisms of Paraoxonase 1 (PON1) Gene: Association Between L55M or Q192R with Breast Cancer Risk and Clinico-Pathological Parameters. <i>Pathology and Oncology Research</i> , 2010, 16, 533-540.	0.9	14
43	Analysis of peptidyl-propyl-cis/trans isomerase 1 (PIN1) gene \sim 842(G > C) and \sim 667(T > C) polymorphic variants in relation to breast cancer risk and clinico-pathological parameters. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2011, 71, 500-506.	0.6	14
44	Malaysian Cobra Venom: A Potential Source of Anti-Cancer Therapeutic Agents. <i>Toxins</i> , 2019, 11, 75.	1.5	14
45	HPLC-PDA Polyphenolic Quantification, UHPLC-MS Secondary Metabolite Composition, and In Vitro Enzyme Inhibition Potential of <i>Bougainvillea glabra</i> . <i>Plants</i> , 2020, 9, 388.	1.6	14
46	Therapeutic propensities, phytochemical composition, and toxicological evaluation of <i>Anagallis arvensis</i> (L.): A wild edible medicinal food plant. <i>Food Research International</i> , 2020, 137, 109651.	2.9	12
47	Comparison of single nucleotide polymorphisms in the human interleukin-10 gene promoter between rheumatoid arthritis patients and normal subjects in Malaysia. <i>Modern Rheumatology</i> , 2007, 17, 429-435.	0.9	12
48	Integrated analysis of copy number and loss of heterozygosity in primary breast carcinomas using high-density SNP array. <i>International Journal of Oncology</i> , 2011, 39, 621-33.	1.4	11
49	Phytochemical profiling, antioxidant, enzyme inhibition and cytotoxic potential of <i>Bougainvillea glabra</i> flowers. <i>Natural Product Research</i> , 2020, 34, 2602-2606.	1.0	11
50	Proteomic Analysis on Anti-Proliferative and Apoptosis Effects of Curcumin Analog, 1,5-bis(4-Hydroxy-3-Methoxyphenyl)-1,4-Pentadiene-3-One-Treated Human Glioblastoma and Neuroblastoma Cells. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 645856.	1.6	11
51	Detection of amplified int-2/FGF-3 gene in primary breast carcinomas using differential polymerase chain reaction. <i>International Journal of Molecular Medicine</i> , 2001, 8, 193-8.	1.8	10
52	Insights into the demographic history of Asia from common ancestry and admixture in the genomic landscape of present-day Austroasiatic speakers. <i>BMC Biology</i> , 2021, 19, 61.	1.7	8
53	Enrichment Protocol for Rat Models. <i>Current Protocols</i> , 2021, 1, e152.	1.3	8
54	Polymorphic Variant Ser128Arg of E-Selectin is Associated with Breast Cancer Risk and High Grade Tumors. <i>Onkologie</i> , 2011, 34, 592-597.	1.1	7

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55	Molecular Mechanisms of Antiproliferative and Apoptosis Activity by 1,5-Bis(4-Hydroxy-3-Methoxyphenyl)-1,4-Pentadiene-3-one (MS13) on Human Non-Small Cell Lung Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7424.	1.8	7
56	The relationship between single nucleotide polymorphisms of the interleukin-10 gene promoter in systemic lupus erythematosus patients in Malaysia: a pilot study. <i>International Journal of Rheumatic Diseases</i> , 2008, 11, 148-154.	0.9	6
57	Genetic polymorphisms of TP53-binding protein 1 (TP53BP1) gene and association with breast cancer risk. <i>Apmis</i> , 2011, 119, 460-467.	0.9	6
58	Natural bioactive compounds as a new source of promising G protein-coupled estrogen receptor (GPER) modulators: comprehensive in silico approach. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, , 1-12.	2.0	6
59	Inflammation Drives Alzheimer's Disease: Emphasis on 5-lipoxygenase Pathways. <i>Current Neuropharmacology</i> , 2021, 19, 885-895.	1.4	6
60	G protein-coupled estrogen receptor-1: homology modeling approaches and application in screening new GPER-1 modulators. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 3325-3335.	2.0	5
61	<i>Filago germanica</i> (L.) Huds. bioactive constituents: Secondary metabolites fingerprinting and in vitro biological assays. <i>Industrial Crops and Products</i> , 2020, 152, 112505.	2.5	5
62	Diarylpentanoid (1,5-bis(4-hydroxy-3-methoxyphenyl)-1,4-pentadiene-3-one) (MS13) Exhibits Anti-proliferative, Apoptosis Induction and Anti-migration Properties on Androgen-independent Human Prostate Cancer by Targeting Cell Cycle, Apoptosis and PI3K Signalling Pathways. <i>Frontiers in Pharmacology</i> , 2021, 12, 707335.	1.6	4
63	Phytochemical Composition and Enzyme Inhibition Studies of <i>Buxus papillosa</i> C.K. Schneid. <i>Processes</i> , 2020, 8, 757.	1.3	3
64	Identification of commonly regulated protein targets and molecular pathways in PC-3 and DU145 androgen-independent human prostate cancer cells treated with the curcumin analogue 1,5-bis(2-hydroxyphenyl)-1,4-pentadiene-3-one. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2018, 8, 436.	0.5	3
65	Glyoxalase I Ala111Glu gene polymorphism: No association with breast cancer risk but correlated with absence of progesterone receptor. <i>Pathology International</i> , 2010, 60, 614-620.	0.6	2
66	Indoor Environmental and Demographic Factors of Malaysian Allergic Children. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 131, AB163.	1.5	2
67	The Role of Apoptosis as a Double-Edge Sword in Cancer. , 0, , .		2
68	Shotgun Proteomics and Mass Spectrometry as a Tool for Protein Identification and Profiling of Bio-Carrier-Based Therapeutics on Human Cancer Cells. <i>Methods in Molecular Biology</i> , 2021, 2211, 233-240.	0.4	2
69	Immunohistochemistry of c-myc Expression in Breast Carcinoma. <i>Handbook of Immunohistochemistry and in Situ Hybridization of Human Carcinomas</i> , 2002, 1, 395-407.	0.0	1
70	Cord IgE and ECP levels of Malay neonates. <i>Allergologia Et Immunopathologia</i> , 2013, 41, 364-368.	1.0	1
71	Pleiotropic effects of metformin in managing type 2 diabetes and metabolic syndrome: evidences from experimental mouse model. <i>Biomedical Research (Aligarh, India)</i> , 2018, 29, .	0.1	1
72	Identification of commonly regulated genes in HPV18- and HPV16-infected cervical cancer cells treated with the curcumin analogue 1,5-bis(2-hydroxyphenyl)-1,4-pentadiene-3-one. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2018, 8, 44.	0.5	1

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73	IL-4, IL-13 And IL-4RA Gene Polymorphisms And The Risk For Developing Idiopathic Nonallergic Rhinitis. , 2012, , .		0
74	Abstract 1035: MS13 (1, 5-bis (4-hydroxy-3-methoxyphenyl)-1, 4-pentadiene-3-one) exhibits anti-cancer properties in androgen-independent prostate cancer cells. , 2021, , .		0
75	Efficacy versus toxicity of docetaxel in Asian and Caucasian cancer patients from the pharmacogenomics perspectives: a review of the literature. FASEB Journal, 2010, 24, 964.15.	0.2	0
76	Curcumin analogue 1,5-BIS(4-hydroxy-3-methoxyphenyl)-1,4-pentadiene-3-one alters protein expression patterns in HPV16-infected cervical cancer cells. International Journal of Pharma and Bio Sciences, 2017, 8, .	0.1	0
77	A genomic insight into the origin and dispersal of Austroasiatic speakers in South and Southeast Asia. Canadian Journal of Biotechnology, 2017, 1, 138-138.	0.3	0
78	Identification of Differentially Expressed Genes in CaSki Cervical Cancer Cells Treated with a Selected Diarylpentanoid. Frontiers in Pharmacology, 0, 9, .	1.6	0