Rakesh Naidu

List of Publications by Year
in descending order

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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	G protein-coupled estrogen receptor-1: homology modeling approaches and application in screening new GPER-1 modulators. Journal of Biomolecular Structure and Dynamics, 2022, 40, 3325-3335.	2.0	5
2	Curcumin as an Enhancer of Therapeutic Efficiency of Chemotherapy Drugs in Breast Cancer. International Journal of Molecular Sciences, 2022, 23, 2144.	1.8	40
3	Cellular and Molecular Events Leading to Paraquat-Induced Apoptosis: Mechanistic Insights into Parkinsonâ€™s Disease Pathophysiology. Molecular Neurobiology, 2022, 59, 3353-3369.	1.9	16
4	Insights into the demographic history of Asia from common ancestry and admixture in the genomic landscape of present-day Austroasiatic speakers. BMC Biology, 2021, 19, 61.	1.7	8
5	Anticancer Mechanism of Curcumin on Human Glioblastoma. Nutrients, 2021, 13, 950.	1.7	47
6	The Role of MicroRNAs in Lung Cancer Metabolism. Cancers, 2021, 13, 1716.	1.7	17
7	Proteomic Analysis on Anti-Proliferative and Apoptosis Effects of Curcumin Analog, 1,5-bis(4-Hydroxy-3-Methyoxyphenyl)-1,4-Pentadiene-3-One-Treated Human Glioblastoma and Neuroblastoma Cells. Frontiers in Molecular Biosciences, 2021, 8, 645856.	1.6	11
8	Inflammation Drives Alzheimer's Disease: Emphasis on 5-lipoxygenase Pathways. Current Neuropharmacology, 2021, 19, 885-895.	1.4	6
9	Enrichment Protocol for Rat Models. Current Protocols, 2021, 1, e152.	1.3	8
10	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 Cycleâ€“Apoptosis and PI3K Signalling Pathways. Frontiers in Pharmacology, 2021, 12, 707335.	1.6	4
11	Abstract 1035: MS13 (1, 5-bis (4-hydroxy-3-methanoxyphenyl)-1, 4-pentadiene-3-one) exhibits anti-cancer properties in androgen-independent prostate cancer cells. , 2021, , .		0
12	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. International Journal of Molecular Sciences, 2021, 22, 7424.	1.8	7
13	Curcumin: Modulator of Key Molecular Signaling Pathways in Hormone-Independent Breast Cancer. Cancers, 2021, 13, 3427.	1.7	39
14	Role of Inflammatory Mediators, Macrophages, and Neutrophils in Glioma Maintenance and Progression: Mechanistic Understanding and Potential Therapeutic Applications. Cancers, 2021, 13, 4226.	1.7	43
15	Shotgun Proteomics and Mass Spectrometry as a Tool for Protein Identification and Profiling of Bio-Carrier-Based Therapeutics on Human Cancer Cells. Methods in Molecular Biology, 2021, 2211, 233-240.	0.4	2
16	The Crosstalk Between Signaling Pathways and Cancer Metabolism in Colorectal Cancer. Frontiers in Pharmacology, 2021, 12, 768861.	1.6	22
17	Receptor Tyrosine Kinases and Their Signaling Pathways as Therapeutic Targets of Curcumin in Cancer. Frontiers in Pharmacology, 2021, 12, 772510.	1.6	42
18	Phytochemical profiling, antioxidant, enzyme inhibition and cytotoxic potential of Bougainvillea glabra flowers. Natural Product Research, 2020, 34, 2602-2606.	1.0	11

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19	Therapeutic propensities, phytochemical composition, and toxicological evaluation of Anagallis arvensis (L.): A wild edible medicinal food plant. Food Research International, 2020, 137, 109651.	2.9	12
20	Natural bioactive compounds as a new source of promising G protein-coupled estrogen receptor (GPER) modulators: comprehensive in silico approach. Journal of Biomolecular Structure and Dynamics, 2020, , 1-12.	2.0	6
21	Phytochemical Composition and Enzyme Inhibition Studies of Buxus papillosa C.K. Schneid. Processes, 2020, 8, 757.	1.3	3
22	Insights into the Role of microRNAs in Colorectal Cancer (CRC) Metabolism. Cancers, 2020, 12, 2462.	1.7	16
23	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. Molecules, 2020, 25, 3798.	1.7	17
24	Filago germanica (L.) Huds. bioactive constituents: Secondary metabolites fingerprinting and in vitro biological assays. Industrial Crops and Products, 2020, 152, 112505.	2.5	5
25	Mechanism of Anti-Cancer Activity of Curcumin on Androgen-Dependent and Androgen-Independent Prostate Cancer. Nutrients, 2020, 12, 679.	1.7	58
26	HPLCâ€“PDA Polyphenolic Quantification, UHPLCâ€“MS Secondary Metabolite Composition, and In Vitro Enzyme Inhibition Potential of Bougainvillea glabra. Plants, 2020, 9, 388.	1.6	14
27	Molecular Pathways Modulated by Curcumin Analogue, Diarylpentanoids in Cancer. Biomolecules, 2019, 9, 270.	1.8	30
28	Sequential ligand- and structure-based virtual screening approach for the identification of potential G protein-coupled estrogen receptor-1 (GPER-1) modulators. RSC Advances, 2019, 9, 2525-2538.	1.7	25
29	Mechanism of Apoptosis Induced by Curcumin in Colorectal Cancer. International Journal of Molecular Sciences, 2019, 20, 2454.	1.8	103
30	Multidirectional insights into the biochemical and toxicological properties of Bougainvillea glabra (Choisy.) aerial parts: A functional approach for bioactive compounds. Journal of Pharmaceutical and Biomedical Analysis, 2019, 170, 132-138.	1.4	15
31	Malaysian Cobra Venom: A Potential Source of Anti-Cancer Therapeutic Agents. Toxins, 2019, 11, 75.	1.5	14
32	Mechanistic Understanding of Curcuminâ€™s Therapeutic Effects in Lung Cancer. Nutrients, 2019, 11, 2989.	1.7	88
33	Biological, chemical and toxicological perspectives on aerial and roots of Filago germanica (L.) huds: Functional approaches for novel phyto-pharmaceuticals. Food and Chemical Toxicology, 2019, 123, 363-373.	1.8	41
34	Investigations into the therapeutic effects of aerial and stem parts of Buxus papillosa C.K. Schneid.: In vitro chemical, biological and toxicological perspectives. Journal of Pharmaceutical and Biomedical Analysis, 2019, 166, 128-138.	1.4	19
35	Proteomic Characterization of Two Medically Important Malaysian Snake Venoms, Calloselasma rhodostoma (Malayan Pit Viper) and Ophiophagus hannah (King Cobra). Toxins, 2018, 10, 434.	1.5	24
36	Cytotoxic, Anti-Proliferative and Apoptosis Activity of l-Amino Acid Oxidase from Malaysian Cryptelytrops purpureomaculatus (CP-LAAO) Venom on Human Colon Cancer Cells. Molecules, 2018, 23, 1388.	1.7	18

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37	Cytotoxic, Antiproliferative and Apoptosisâ€inducing Activity of Lâ€Amino Acid Oxidase from Malaysian Calloselasma rhodostoma on Human Colon Cancer Cells. Basic and Clinical Pharmacology and Toxicology, 2018, 123, 577-588.	1.2	15
38	Pleiotropic effects of metformin in managing type 2 diabetes and metabolic syndrome: evidences from experimental mouse model. Biomedical Research (Aligarh, India), 2018, 29, .	0.1	1
39	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. Asian Pacific Journal of Tropical Biomedicine, 2018, 8, 436.	0.5	3
40	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. Asian Pacific Journal of Tropical Biomedicine, 2018, 8, 44.	0.5	1
41	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
42	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
43	Proteomic Characterization and Comparison of Malaysian Tropidolaemus wagleri and Cryptelytrops purpureomaculatus Venom Using Shotgun-Proteomics. Toxins, 2016, 8, 299.	1.5	27
44	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. Molecules, 2015, 20, 3406-3430.	1.7	19
45	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. Molecules, 2015, 20, 11830-11860.	1.7	32
46	Clinical manifestation and sensitization of allergic children from Malaysia. Asia Pacific Allergy, 2015, 5, 78-83.	0.6	25
47	Unravelling the Genetic History of Negritos and Indigenous Populations of Southeast Asia. Genome Biology and Evolution, 2015, 7, 1206-1215.	1.1	63
48	Cardio-metabolic health risks in indigenous populations of Southeast Asia and the influence of urbanization. BMC Public Health, 2015, 15, 47.	1.2	36
49	Proteomic analysis of Moroccan cobra Naja haje legionis venom using tandem mass spectrometry. Journal of Proteomics, 2014, 96, 240-252.	1.2	70
50	Proteomic characterization and comparison of Malaysian Bungarus candidus and Bungarus fasciatus venoms. Journal of Proteomics, 2014, 110, 129-144.	1.2	41
51	Indoor Environmental and Demographic Factors of Malaysian Allergic Children. Journal of Allergy and Clinical Immunology, 2013, 131, AB163.	1.5	2
52	Cord IgE and ECP levels of Malay neonates. Allergologia Et Immunopathologia, 2013, 41, 364-368.	1.0	1
53	Polymorphic Variants of Interleukin-13 R130Q, Interleukin-4 T589C, Interleukin-4RA I50V, and Interleukin-4RA Q576R in Allergic Rhinitis: A Pilot Study. Allergy and Rhinology, 2012, 3, ar.2012.3.0022.	0.7	15
54	Pharmacogenetics of taxanes: impact of gene polymorphisms of drug transporters on pharmacokinetics and toxicity. Pharmacogenomics, 2012, 13, 1979-1988.	0.6	35

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55	IL-4, IL-13 And IL-4RA Gene Polymorphisms And The Risk For Developing Idiopathic Nonallergic Rhinitis. , 2012, , .		0
56	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. Medical Oncology, 2012, 29, 411-417.	1.2	20
57	Analysis of peptidyl-propyl-cis/trans isomerase 1 (PIN1) gene â˜'842(G > C) and â˜'667(T > C) polymorphic variants in relation to breast cancer risk and clinico-pathological parameters. Scandinavian Journal of Clinical and Laboratory Investigation, 2011, 71, 500-506.	0.6	14
58	Genetic polymorphisms of TP53-binding protein 1 (TP53BP1) gene and association with breast cancer risk. Apmis, 2011, 119, 460-467.	0.9	6
59	Inhibitory activities of microalgal extracts against Epstein-Barr virus DNA release from lymphoblastoid cells. Journal of Zhejiang University: Science B, 2011, 12, 335-345.	1.3	18
60	Polymorphic Variant Ser128Arg of E-Selectin is Associated with Breast Cancer Risk and High Grade Tumors. Onkologie, 2011, 34, 592-597.	1.1	7
61	Integrated analysis of copy number and loss of heterozygosity in primary breast carcinomas using high-density SNP array. International Journal of Oncology, 2011, 39, 621-33.	1.4	11
62	Genetic Polymorphisms of Paraoxonase 1 (PON1) Gene: Association Between L55M or Q192R with Breast Cancer Risk and Clinico-Pathological Parameters. Pathology and Oncology Research, 2010, 16, 533-540.	0.9	14
63	Glyoxalase I Ala111Glu gene polymorphism: No association with breast cancer risk but correlated with absence of progesterone receptor. Pathology International, 2010, 60, 614-620.	0.6	2
64	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
65	Associations between hypoxia-inducible factor-1Î± (HIF-1Î±) gene polymorphisms and risk of developing breast cancer. Neoplasma, 2009, 56, 441-447.	0.7	27
66	Polymorphism of FGFR4 Gly388Arg Does Not Confer an Increased Risk to Breast Cancer Development. Oncology Research, 2009, 18, 65-71.	0.6	20
67	The relationship between single nucleotide polymorphisms of the interleukinâ€10 gene promoter in systemic lupus erythematosus patients in Malaysia: a pilot study. International Journal of Rheumatic Diseases, 2008, 11, 148-154.	0.9	6
68	Comparison of single nucleotide polymorphisms in the human interleukin-10 gene promoter between rheumatoid arthritis patients and normal subjects in Malaysia. Modern Rheumatology, 2007, 17, 429-435.	0.9	28
69	Comparison of single nucleotide polymorphisms in the human interleukin-10 gene promoter between rheumatoid arthritis patients and normal subjects in Malaysia. Modern Rheumatology, 2007, 17, 429-435.	0.9	12
70	Protein expression and molecular analysis of c-myc gene in primary breast carcinomas using immunohistochemistry and differential polymerase chain reaction. International Journal of Molecular Medicine, 2002, 9, 189.	1.8	21
71	Immunohistochemistry of c-myc Expression in Breast Carcinoma. Handbook of Immunohistochemistry and in Situ Hybridization of Human Carcinomas, 2002, 1, 395-407.	0.0	1
72	Protein expression and molecular analysis of c-myc gene in primary breast carcinomas using immunohistochemistry and differential polymerase chain reaction. International Journal of Molecular Medicine, 2002, 9, 189-96.	1.8	43

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73	Expression and amplification of cyclin D1 in primary breast carcinomas: relationship with histopathological types and clinico-pathological parameters. Oncology Reports, 2002, 9, 409-16.	1.2	34
74	Detection of amplified int-2/FGF-3 gene in primary breast carcinomas using differential polymerase chain reaction. International Journal of Molecular Medicine, 2001, 8, 193-8.	1.8	10
75	Expression of c-erbB3 protein in primary breast carcinomas. British Journal of Cancer, 1998, 78, 1385-1390.	2.9	164
76	The Role of Apoptosis as a Double-Edge Sword in Cancer. , 0, , .		2
77	Expression and amplification of cyclin D1 in primary breast carcinomas: Relationship with histopathological types and clinico-pathological parameters. Oncology Reports, 0, , .	1.2	15
78	Identification of Differentially Expressed Genes in CaSki Cervical Cancer Cells Treated with a Selected Diarylpentanoid. Frontiers in Pharmacology, 0, 9, .	1.6	0