

# Kapaettu Satyamoorthy

## List of Publications by Year in descending order

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262  
papers

6,951  
citations

76196

40  
h-index

95083

68  
g-index

272  
all docs

272  
docs citations

272  
times ranked

10515  
citing authors

#	ARTICLE	IF	CITATIONS
1	Constitutive mitogen-activated protein kinase activation in melanoma is mediated by both BRAF mutations and autocrine growth factor stimulation. <i>Cancer Research</i> , 2003, 63, 756-9.	0.4	340
2	Clustered miRNAs and their role in biological functions and diseases. <i>Biological Reviews</i> , 2018, 93, 1955-1986.	4.7	241
3	The RAS/RAF/MEK/ERK and PI3K/AKT signaling pathways present molecular targets for the effective treatment of advanced melanoma. <i>Frontiers in Bioscience - Landmark</i> , 2005, 10, 2986.	3.0	227
4	Downregulation of E-cadherin and Desmoglein 1 by autocrine hepatocyte growth factor during melanoma development. <i>Oncogene</i> , 2001, 20, 8125-8135.	2.6	173
5	Function and regulation of melanoma-stromal fibroblast interactions: when seeds meet soil. <i>Oncogene</i> , 2003, 22, 3162-3171.	2.6	166
6	Microtubule-Associated Protein 2, a Marker of Neuronal Differentiation, Induces Mitotic Defects, Inhibits Growth of Melanoma Cells, and Predicts Metastatic Potential of Cutaneous Melanoma. <i>American Journal of Pathology</i> , 2005, 166, 1841-1850.	1.9	157
7	High glucose modulates IL-6 mediated immune homeostasis through impeding neutrophil extracellular trap formation. <i>FEBS Letters</i> , 2013, 587, 2241-2246.	1.3	152
8	Differential response of primary and metastatic melanomas to neutrophils attracted by IL-8. <i>International Journal of Cancer</i> , 2003, 103, 335-343.	2.3	146
9	Free Radical Reactions and Antioxidant Activities of Sesamol: A Pulse Radiolytic and Biochemical Studies. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 2696-2703.	2.4	132
10	The promise of discovering population-specific disease-associated genes in South Asia. <i>Nature Genetics</i> , 2017, 49, 1403-1407.	9.4	129
11	Induction of p21 <sup>WAF1/CIP1</sup> and Inhibition of Cdk2 Mediated by the Tumor Suppressor p16 <sup>INK4a</sup> . <i>Molecular and Cellular Biology</i> , 1999, 19, 3916-3928.	1.1	125
12	Interleukin-8 Overexpression Is Present in Pyoderma Gangrenosum Ulcers and Leads to Ulcer Formation in Human Skin Xenografts. <i>Laboratory Investigation</i> , 2000, 80, 595-604.	1.7	122
13	Progression-related expression of $\alpha$ 3 integrin in melanomas and nevi. <i>Human Pathology</i> , 1999, 30, 562-567.	1.1	116
14	DNA methylation patterns in luminal breast cancers differ from non-luminal subtypes and can identify relapse risk independent of other clinical variables. <i>Molecular Oncology</i> , 2011, 5, 77-92.	2.1	116
15	Melanoma cell lines from different stages of progression and their biological and molecular analyses. <i>Melanoma Research</i> , 1997, 7, S43.	0.6	96
16	Oxidative Stress in Cognitive and Epigenetic Aging: A Retrospective Glance. <i>Frontiers in Molecular Neuroscience</i> , 2020, 13, 41.	1.4	91
17	Lessons from melanocyte development for understanding the biological events in naevus and melanoma formation. <i>Melanoma Research</i> , 2000, 10, 303-312.	0.6	90
18	Genome-wide analysis correlates Ayurveda Prakriti. <i>Scientific Reports</i> , 2015, 5, 15786.	1.6	89

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19	Induction of Melanoma Phenotypes in Human Skin by Growth Factors and Ultraviolet B. <i>Cancer Research</i> , 2004, 64, 807-811.	0.4	82
20	Basic Fibroblast Growth Factor and Ultraviolet B Transform Melanocytes in Human Skin. <i>American Journal of Pathology</i> , 2001, 158, 943-953.	1.9	72
21	Mel-CAM-specific genetic suppressor elements inhibit melanoma growth and invasion through loss of gap junctional communication. <i>Oncogene</i> , 2001, 20, 4676-4684.	2.6	72
22	Modulation of genetic clusters for synthesis of bioactive molecules in fungal endophytes: A review. <i>Microbiological Research</i> , 2016, 182, 125-140.	2.5	72
23	Elevated homocysteine levels in type 2 diabetes induce constitutive neutrophil extracellular traps. <i>Scientific Reports</i> , 2016, 6, 36362.	1.6	64
24	Cellular and Molecular Biology of Human Melanoma. <i>Cancer Biology and Therapy</i> , 2002, 1, 14-17.	1.5	63
25	Characteristics of microbial drug resistance and its correlates in chronic diabetic foot ulcer infections. <i>Journal of Medical Microbiology</i> , 2014, 63, 1377-1385.	0.7	62
26	Analysis of Genotype and Haplotype Effects of ABCB1 (MDR1) Polymorphisms in the Risk of Medically Refractory Epilepsy in an Indian Population. <i>Drug Metabolism and Pharmacokinetics</i> , 2009, 24, 255-260.	1.1	61
27	DNA Double-Strand Break Analysis by $\gamma$ -H2AX Foci: A Useful Method for Determining the Overreactors to Radiation-Induced Acute Reactions Among Head-and-Neck Cancer Patients. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 84, e607-e612.	0.4	57
28	6-[3-(4-Fluorophenyl)-1H-pyrazol-4-yl]-3-[(2-naphthoxy)methyl][1,2,4]triazolo[3,4-b][1,3,4]thiadiazole as a potent antioxidant and an anticancer agent induces growth inhibition followed by apoptosis in HepG2 cells. <i>Arabian Journal of Chemistry</i> , 2010, 3, 211-217.	2.3	56
29	Salivary IL-6 levels in oral leukoplakia with dysplasia and its clinical relevance to tobacco habits and periodontitis. <i>Clinical Oral Investigations</i> , 2011, 15, 705-714.	1.4	56
30	Photodynamic therapy to control microbial biofilms. <i>Photodiagnosis and Photodynamic Therapy</i> , 2021, 33, 102090.	1.3	56
31	Simultaneous detection of periodontal pathogens in subgingival plaque and placenta of women with hypertension in pregnancy. <i>Archives of Gynecology and Obstetrics</i> , 2012, 285, 613-619.	0.8	55
32	Biological implications and therapeutic significance of DNA methylation regulated genes in cervical cancer. <i>Biochimie</i> , 2016, 121, 298-311.	1.3	50
33	Optical diagnosis of cervical cancer by fluorescence spectroscopy technique. <i>International Journal of Cancer</i> , 2006, 119, 139-145.	2.3	49
34	Determinants of Prakriti, the Human Constitution Types of Indian Traditional Medicine and its Correlation with Contemporary Science. <i>Journal of Ayurveda and Integrative Medicine</i> , 2014, 5, 166.	0.9	47
35	Aberrant gene-specific DNA methylation signature analysis in cervical cancer. <i>Tumor Biology</i> , 2017, 39, 101042831769457.	0.8	45
36	Stroma Formation and Angiogenesis by Overexpression of Growth Factors, Cytokines, and Proteolytic Enzymes in Human Skin Grafted to SCID Mice. <i>Journal of Investigative Dermatology</i> , 2003, 120, 683-692.	0.3	44

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37	All-trans retinoic acid (atRA) differentially induces apoptosis in matched primary and metastatic melanoma cells - a speculation on damage effect of atRA via mitochondrial dysfunction and cell cycle redistribution. <i>Carcinogenesis</i> , 2003, 24, 185-191.	1.3	43
38	Spectroscopic and histological evaluation of wound healing progression following Low Level Laser Therapy (LLLT). <i>Journal of Biophotonics</i> , 2012, 5, 168-184.	1.1	43
39	DNA methylation analysis of phenotype specific stratified Indian population. <i>Journal of Translational Medicine</i> , 2015, 13, 151.	1.8	43
40	No longer a molecular black box – new clues to apoptosis and drug resistance in melanoma. <i>Trends in Molecular Medicine</i> , 2001, 7, 191-194.	3.5	41
41	Interleukin-6 determines protein stabilization of DNA methyltransferases and alters DNA promoter methylation of genes associated with insulin signaling and angiogenesis. <i>Laboratory Investigation</i> , 2018, 98, 1143-1158.	1.7	41
42	Cluster miRNAs and cancer: Diagnostic, prognostic and therapeutic opportunities. <i>Wiley Interdisciplinary Reviews RNA</i> , 2020, 11, e1563.	3.2	41
43	Fibroblast growth factor-2 but not Mel-CAM and/or beta3 integrin promotes progression of melanocytes to melanoma. <i>Experimental Dermatology</i> , 2003, 12, 296-306.	1.4	39
44	Histone deacetylase 2 selective inhibitors: A versatile therapeutic strategy as next generation drug target in cancer therapy. <i>Pharmacological Research</i> , 2021, 170, 105695.	3.1	38
45	Population Specific Impact of Genetic Variants in KCNJ11 Gene to Type 2 Diabetes: A Case-Control and Meta-Analysis Study. <i>PLoS ONE</i> , 2014, 9, e107021.	1.1	38
46	The role of basic fibroblast growth factor in oral submucous fibrosis pathogenesis. <i>Journal of Oral Pathology and Medicine</i> , 2008, 37, 402-411.	1.4	37
47	Mitochondrial DNA variation analysis in cervical cancer. <i>Mitochondrion</i> , 2014, 16, 73-82.	1.6	37
48	DNA Promoter Methylation-dependent Transcription of the Double C2-like Domain $\hat{I}^2$ (DOC2B) Gene Regulates Tumor Growth in Human Cervical Cancer. <i>Journal of Biological Chemistry</i> , 2014, 289, 10637-10649.	1.6	36
49	Gene promoter-associated CpG island hypermethylation in squamous cell carcinoma of the tongue. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2017, 470, 445-454.	1.4	36
50	DNA methylation regulated microRNAs in human cervical cancer. <i>Molecular Carcinogenesis</i> , 2018, 57, 370-382.	1.3	33
51	Tissue microarray – a high-throughput molecular analysis in head and neck cancer. <i>Journal of Oral Pathology and Medicine</i> , 2008, 37, 166-176.	1.4	32
52	Implications of critical PPAR $\hat{I}^3$ , ADIPOQ and FTO gene polymorphisms in type 2 diabetes and obesity-mediated susceptibility to type 2 diabetes in an Indian population. <i>Molecular Genetics and Genomics</i> , 2016, 291, 193-204.	1.0	32
53	A compilation of Web-based research tools for miRNA analysis. <i>Briefings in Functional Genomics</i> , 2017, 16, 249-273.	1.3	32
54	Human Papillomavirus (HPV) Infection in Early Pregnancy: Prevalence and Implications. <i>Infectious Diseases in Obstetrics and Gynecology</i> , 2019, 2019, 1-5.	0.4	32

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55	Quorum-sensing regulation of virulence factors in bacterial biofilm. <i>Future Microbiology</i> , 2021, 16, 1003-1021.	1.0	32
56	<i>MTHFR</i> Gene variants C677T, A1298C and association with Down syndrome: A case-control study from South India. <i>Indian Journal of Human Genetics</i> , 2009, 15, 60.	0.7	31
57	DNA hypermethylation as an epigenetic mark for oral cancer diagnosis. <i>Journal of Oral Pathology and Medicine</i> , 2011, 40, 665-676.	1.4	31
58	Evaluation of Pharmacokinetic, Biodistribution, Pharmacodynamic, and Toxicity Profile of Free Juglone and Its Sterically Stabilized Liposomes. <i>Journal of Pharmaceutical Sciences</i> , 2011, 100, 3517-3528.	1.6	31
59	<i>GALNS</i> mutations in Indian patients with mucopolysaccharidosis IVA. <i>American Journal of Medical Genetics, Part A</i> , 2014, 164, 2793-2801.	0.7	31
60	Advances in development and application of human organoids. <i>3 Biotech</i> , 2021, 11, 257.	1.1	31
61	$\beta$ -radiation induces cellular sensitivity and aberrant methylation in human tumor cell lines. <i>International Journal of Radiation Biology</i> , 2011, 87, 1086-1096.	1.0	30
62	Virulence determinants in clinical <i>Staphylococcus aureus</i> from monomicrobial and polymicrobial infections of diabetic foot ulcers. <i>Journal of Medical Microbiology</i> , 2016, 65, 1392-1404.	0.7	30
63	Human xenografts, human skin and skin reconstructs for studies in melanoma development and progression. <i>Cancer and Metastasis Reviews</i> , 1999, 18, 401-405.	2.7	29
64	Influence of Double-Strand Break Repair on Radiation Therapy-Induced Acute Skin Reactions in Breast Cancer Patients. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 88, 671-676.	0.4	29
65	Targeted sequencing-based analyses of candidate gene variants in ulcerative colitis-associated colorectal neoplasia. <i>British Journal of Cancer</i> , 2017, 117, 136-143.	2.9	29
66	Host and MTB genome encoded miRNA markers for diagnosis of tuberculosis. <i>Tuberculosis</i> , 2019, 116, 37-43.	0.8	29
67	Glucose induces metabolic reprogramming in neutrophils during type 2 diabetes to form constitutive extracellular traps and decreased responsiveness to lipopolysaccharides. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165940.	1.8	27
68	Microbial Community Distribution and Core Microbiome in Successive Wound Grades of Individuals with Diabetic Foot Ulcers. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	1.4	27
69	Contribution of nuclear and mitochondrial gene mutations in mitochondrial encephalopathy, lactic acidosis, and stroke-like episodes (MELAS) syndrome. <i>Journal of Neurology</i> , 2021, 268, 2192-2207.	1.8	27
70	DNA barcoding of authentic and substitute samples of herb of the family Asparagaceae and Asclepiadaceae based on the ITS2 region. <i>Journal of Ayurveda and Integrative Medicine</i> , 2012, 3, 136.	0.9	27
71	Influence of Helium-Neon Laser Irradiation on Seed Germination <i>In Vitro</i> and Physico-Biochemical Characters in Seedlings of Brinjal ( <i>Solanum melongena</i> L.) var. Mattu Gulla. <i>Photochemistry and Photobiology</i> , 2012, 88, 1227-1235.	1.3	26
72	Strong Impact of TGF- $\beta$ 1 Gene Polymorphisms on Breast Cancer Risk in Indian Women: A Case-Control and Population-Based Study. <i>PLoS ONE</i> , 2013, 8, e75979.	1.1	26

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73	Upregulation of TFAM and mitochondria copy number in human lymphoblastoid cells. <i>Mitochondrion</i> , 2014, 15, 52-58.	1.6	26
74	Genistein represses PEPCK $\alpha$ expression in an insulin $\alpha$ independent manner in HepG2 cells and in alloxan $\alpha$ induced diabetic mice. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 1953-1970.	1.2	26
75	Genome-based taxonomic classification. <i>Genome</i> , 2019, 62, 45-52.	0.9	26
76	Severity of drug resistance and co-existence of <i>Enterococcus faecalis</i> in diabetic foot ulcer infections. <i>Folia Microbiologica</i> , 2018, 63, 115-122.	1.1	25
77	<i>Pseudomonas aeruginosa</i> virulence proteins pseudolysin and protease IV impede cutaneous wound healing. <i>Laboratory Investigation</i> , 2020, 100, 1532-1550.	1.7	25
78	Replication and Relevance of Multiple Susceptibility Loci Discovered from Genome Wide Association Studies for Type 2 Diabetes in an Indian Population. <i>PLoS ONE</i> , 2016, 11, e0157364.	1.1	25
79	Immunophenotyping of normal individuals classified on the basis of human dosha prakriti. <i>Journal of Ayurveda and Integrative Medicine</i> , 2014, 5, 43.	0.9	25
80	Effect of Laser Dose and Treatment Schedule on Excision Wound Healing in Diabetic Mice. <i>Photochemistry and Photobiology</i> , 2011, 87, 1433-1441.	1.3	24
81	Study of the association of serotonin transporter triallelic 5-HTTLPR and STin2 VNTR polymorphisms with lithium prophylaxis response in bipolar disorder. <i>Psychiatric Genetics</i> , 2013, 23, 77-81.	0.6	24
82	Metabolomics in Sepsis and Its Impact on Public Health. <i>Public Health Genomics</i> , 2017, 20, 274-285.	0.6	24
83	Microarray analysis of phosphatase gene expression in human melanoma. <i>British Journal of Dermatology</i> , 2005, 152, 925-930.	1.4	23
84	ZNF471 modulates EMT and functions as methylation regulated tumor suppressor with diagnostic and prognostic significance in cervical cancer. <i>Cell Biology and Toxicology</i> , 2021, 37, 731-749.	2.4	23
85	An Antisense Strategy for Inhibition of Human Melanoma Growth Targets the Growth Factor Pleiotrophin. <i>Pigment Cell &amp; Melanoma Research</i> , 2000, 13, 87-93.	4.0	22
86	Anthropometric measurements of nutritional status in chronic pancreatitis in India: comparison of tropical and alcoholic pancreatitis. <i>Indian Journal of Gastroenterology</i> , 2011, 30, 78-83.	0.7	22
87	Genetic association of KCNJ10 rs1130183 with seizure susceptibility and computational analysis of deleterious non-synonymous SNPs of KCNJ10 gene. <i>Gene</i> , 2014, 536, 247-253.	1.0	22
88	Recurrent and novel GLB1 mutations in India. <i>Gene</i> , 2015, 567, 173-181.	1.0	22
89	Epigenomics, Pharmacoeigenomics, and Personalized Medicine in Cervical Cancer. <i>Public Health Genomics</i> , 2017, 20, 100-115.	0.6	22
90	Enumeration of deregulated miRNAs in liquid and tissue biopsies of cervical cancer. <i>Gynecologic Oncology</i> , 2019, 155, 135-143.	0.6	22

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91	Signaling pathways promoting epithelial mesenchymal transition in oral submucous fibrosis and oral squamous cell carcinoma. <i>Japanese Dental Science Review</i> , 2020, 56, 97-108.	2.0	22
92	GADL1 gene polymorphisms and lithium response in bipolar I disorder. <i>Psychiatric Genetics</i> , 2015, 25, 39-40.	0.6	21
93	Genetic Variants in CD44 and MAT1A Confer Susceptibility to Acute Skin Reaction in Breast Cancer Patients Undergoing Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 97, 118-127.	0.4	21
94	<i>Withania somnifera</i> modulates cancer cachexia associated inflammatory cytokines and cell death in leukaemic THP-1 cells and peripheral blood mononuclear cells (PBMCs). <i>BMC Complementary and Alternative Medicine</i> , 2018, 18, 126.	3.7	21
95	Interleukin-6 mediated epigenetic control of the VEGFR2 gene induces disorganized angiogenesis in human breast tumors. <i>Journal of Biological Chemistry</i> , 2020, 295, 12086-12098.	1.6	21
96	Genetic and epigenetic changes in host ABCB1 influences malaria susceptibility to <i>Plasmodium falciparum</i> . <i>PLoS ONE</i> , 2017, 12, e0175702.	1.1	21
97	Synthesis, characterization, DNA binding, and cytotoxic studies of dinuclear complexes of palladium(II) and platinum(II) with 2,2-bipyridine and 1,10-diaminoalkane-N,N'-diacetic acid. <i>Journal of Inorganic Biochemistry</i> , 1994, 53, 79-94.	1.5	20
98	Diverse Facets of COMT: From a Plausible Predictive Marker to a Potential Drug Target for Schizophrenia. <i>Current Molecular Medicine</i> , 2011, 11, 732-743.	0.6	20
99	Serine proteinases from <i>Bothrops</i> snake venom activates PI3K/Akt mediated angiogenesis. <i>Toxicon</i> , 2016, 124, 63-72.	0.8	20
100	Hypoxia increases mutational load of breast cancer cells through frameshift mutations. <i>Oncology</i> , 2020, 9, 1750750.	2.1	20
101	Copy number variations are progressively associated with the pathogenesis of colorectal cancer in ulcerative colitis. <i>World Journal of Gastroenterology</i> , 2015, 21, 616.	1.4	19
102	Age dependent neuroprotective effects of medhya rasayana prepared from <i>Clitoria ternatea</i> Linn. in stress induced rat brain. <i>Journal of Ethnopharmacology</i> , 2017, 197, 173-183.	2.0	19
103	Knowledge, Attitude and Practices Towards Cervical Cancer and its Screening Among Women from Tribal Population: a Community-Based Study from Southern India. <i>Journal of Racial and Ethnic Health Disparities</i> , 2021, 8, 88-93.	1.8	18
104	Comparative analysis of copy number variations in ulcerative colitis associated and sporadic colorectal neoplasia. <i>BMC Cancer</i> , 2016, 16, 271.	1.1	17
105	ROS-dependent DNA damage and repair during germination of NaCl primed seeds. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 213, 112050.	1.7	17
106	Untargeted metabolomics and DNA barcoding for discrimination of <i>Phyllanthus</i> species. <i>Journal of Ethnopharmacology</i> , 2021, 273, 113928.	2.0	17
107	Thiopurine S-methyltransferase alleles, TPMT*2, *3B and *3C, and genotype frequencies in an Indian population. <i>Experimental and Therapeutic Medicine</i> , 2009, 1, 121-127.	0.8	16
108	Single nucleotide polymorphisms of ADRB2 gene and their association with susceptibility for <i>Plasmodium falciparum</i> malaria and asthma in an Indian population. <i>Infection, Genetics and Evolution</i> , 2013, 20, 140-147.	1.0	16



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109	Responses of He-Ne laser irradiation on agronomical characters and chlorogenic acid content of brinjal ( <i>Solanum melongena</i> L.) var. Mattu Gulla. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 164, 182-190.	1.7	16
110	Antibiotics-Induced Obesity: A Mitochondrial Perspective. <i>Public Health Genomics</i> , 2017, 20, 257-273.	0.6	16
111	Targeted drug delivery in cervical cancer: Current perspectives. <i>European Journal of Pharmacology</i> , 2022, 917, 174751.	1.7	16
112	A versatile method for the removal of melanin from ribonucleic acids in melanocytic cells. <i>Melanoma Research</i> , 2002, 12, 449-452.	0.6	15
113	Synthesis, characterization and in vitro cytotoxic properties of some new Schiff and Mannich bases in Hep G2 cells. <i>Medicinal Chemistry Research</i> , 2011, 20, 1024-1032.	1.1	15
114	A mitochondrial DNA variant 10398G>A in breast cancer among South Indians: An original study with meta-analysis. <i>Mitochondrion</i> , 2013, 13, 559-565.	1.6	15
115	A novel gene THSD7A is associated with obesity. <i>International Journal of Obesity</i> , 2015, 39, 1662-1665.	1.6	15
116	Digital Transformation and Governance Innovation for Public Biobanks and Free/Libre Open Source Software Using a Blockchain Technology. <i>OMICS A Journal of Integrative Biology</i> , 2020, 24, 278-285.	1.0	15
117	Coding SNPs in hsa-miR-1343-3p and hsa-miR-6783-3p target sites of CYP2C19 modulates clopidogrel response in individuals with cardiovascular diseases. <i>Life Sciences</i> , 2020, 245, 117364.	2.0	15
118	Understanding the molecular mechanism associated with reversal of oral submucous fibrosis targeting hydroxylysine aldehyde-derived collagen cross-links. <i>Journal of Carcinogenesis</i> , 2021, 20, 9.	2.5	15
119	Allele, genotype, and composite genotype effects of IL-1A +4845 and IL-1B +3954 polymorphisms for chronic periodontitis in an Indian population. <i>Indian Journal of Dental Research</i> , 2011, 22, 612.	0.1	15
120	Influence of Amalaki Rasayana on telomerase activity and telomere length in human blood mononuclear cells. <i>Journal of Ayurveda and Integrative Medicine</i> , 2017, 8, 105-112.	0.9	14
121	Association of HSD11B1 gene polymorphisms with type 2 diabetes and metabolic syndrome in South Indian population. <i>Diabetes Research and Clinical Practice</i> , 2017, 131, 142-148.	1.1	14
122	Intricate Regulation of Phosphoenolpyruvate Carboxykinase (PEPCK) Isoforms in Normal Physiology and Disease. <i>Current Molecular Medicine</i> , 2019, 19, 247-272.	0.6	14
123	Studies on Brahma rasayana in male swiss albino mice: Chromosomal aberrations and sperm abnormalities. <i>Journal of Ayurveda and Integrative Medicine</i> , 2010, 1, 40.	0.9	14
124	Categorical complexities of <i>Plasmodium falciparum</i> malaria in individuals is associated with genetic variations in ADORA2A and GRK5 genes. <i>Infection, Genetics and Evolution</i> , 2015, 34, 188-199.	1.0	13
125	Cerebral malaria in a man with <i>Plasmodium vivax</i> mono-infection: a case report. <i>Tropical Doctor</i> , 2016, 46, 241-245.	0.2	13
126	Promoter methylation of MGMT in oral carcinoma: A population-based study and meta-analysis. <i>Archives of Oral Biology</i> , 2017, 80, 197-208.	0.8	13



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127	Centella asiatica modulates cancer cachexia associated inflammatory cytokines and cell death in leukaemic THP-1 cells and peripheral blood mononuclear cells (PBMCs). BMC Complementary and Alternative Medicine, 2017, 17, 377.	3.7	13
128	Implication of critical pharmacokinetic gene variants on therapeutic response to metformin in Type 2 diabetes. Pharmacogenomics, 2018, 19, 905-911.	0.6	13
129	Conceptualization of functional single nucleotide polymorphisms of polycystic ovarian syndrome genes: an in silico approach. Journal of Endocrinological Investigation, 2021, 44, 1783-1793.	1.8	13
130	Metastatic suppression by DOC2B is mediated by inhibition of epithelial-mesenchymal transition and induction of senescence. Cell Biology and Toxicology, 2022, 38, 237-258.	2.4	13
131	Pharmacogenomic considerations for repurposing of dexamethasone as a potential drug against SARS-CoV-2 infection. Personalized Medicine, 2021, 18, 389-398.	0.8	13
132	Plasmodium vivax infection causes acute respiratory distress syndrome: a case report. Journal of Infection in Developing Countries, 2015, 9, 910-913.	0.5	13
133	Expression analysis and function of mitochondrial genome-encoded microRNAs. Journal of Cell Science, 2022, 135, .	1.2	13
134	Brahmarasayana protects against Ethyl methanesulfonate or Methyl methanesulfonate induced chromosomal aberrations in mouse bone marrow cells. BMC Complementary and Alternative Medicine, 2012, 12, 113.	3.7	12
135	Cytogenetic evaluation of patients with clinical spectrum of Turner syndrome. Journal of Human Reproductive Sciences, 2013, 6, 129.	0.4	12
136	A Novel Frameshift Mutation in TWIST2 Gene Causing Setleis Syndrome. Indian Journal of Pediatrics, 2014, 81, 302-304.	0.3	12
137	Laser induced autofluorescence in the monitoring of $\hat{I}^2$ -mercaptoethanol mediated photo induced proton coupled electron transfer in proteins. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 149, 607-614.	2.0	12
138	Host genetic variations in glutathione-S-transferases, superoxide dismutases and catalase genes influence susceptibility to malaria infection in an Indian population. Molecular Genetics and Genomics, 2015, 290, 1155-1168.	1.0	12
139	Significance of 5,10-methylenetetrahydrofolate reductase gene variants in acute lymphoblastic leukemia in Indian population: an experimental, computational and meta-analysis. Leukemia and Lymphoma, 2015, 56, 1450-1459.	0.6	12
140	Effect of Amalaki rasayana on DNA damage and repair in randomized aged human individuals. Journal of Ethnopharmacology, 2016, 191, 387-397.	2.0	12
141	New molecular detection methods of malaria parasites with multiple genes from genomes. Acta Tropica, 2016, 160, 15-22.	0.9	12
142	Public Health Genomics: the essential part for good governance in public health. International Journal of Public Health, 2016, 61, 401-403.	1.0	12
143	Personalized health in a public health perspective. International Journal of Public Health, 2018, 63, 433-434.	1.0	12
144	Prognostic role of 14q32.31 miRNA cluster in various carcinomas: a systematic review and meta-analysis. Clinical and Experimental Metastasis, 2020, 37, 31-46.	1.7	12

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145	Placental mitochondrial DNA mutations and copy numbers in intrauterine growth restricted (IUGR) pregnancy. <i>Mitochondrion</i> , 2020, 55, 85-94.	1.6	12
146	Aberrant DNA methylation and miRNAs in coronary artery diseases and stroke: a systematic review. <i>Briefings in Functional Genomics</i> , 2020, 19, 259-285.	1.3	12
147	Molecular alterations in colitis-associated colorectal neoplasia: Study from a low prevalence area using magnifying chromo colonoscopy. <i>Journal of Crohn's and Colitis</i> , 2012, 6, 647-654.	0.6	11
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