

Preethi H Gunaratne

List of Publications by Year in descending order

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69
papers

4,971
citations

147801

31
h-index

98798

67
g-index

72
all docs

72
docs citations

72
times ranked

11766
citing authors

#	ARTICLE	IF	CITATIONS
1	The Somatic Genomic Landscape of Chromophobe Renal Cell Carcinoma. <i>Cancer Cell</i> , 2014, 26, 319-330.	16.8	665
2	A Comprehensive Pan-Cancer Molecular Study of Gynecologic and Breast Cancers. <i>Cancer Cell</i> , 2018, 33, 690-705.e9.	16.8	478
3	Oncogenic lncRNA downregulates cancer cell antigen presentation and intrinsic tumor suppression. <i>Nature Immunology</i> , 2019, 20, 835-851.	14.5	277
4	Expression profiling of microRNAs by deep sequencing. <i>Briefings in Bioinformatics</i> , 2009, 10, 490-497.	6.5	276
5	Large conserved domains of low DNA methylation maintained by Dnmt3a. <i>Nature Genetics</i> , 2014, 46, 17-23.	21.4	276
6	Genomic, Pathway Network, and Immunologic Features Distinguishing Squamous Carcinomas. <i>Cell Reports</i> , 2018, 23, 194-212.e6.	6.4	245
7	Pan-Cancer Analysis of lncRNA Regulation Supports Their Targeting of Cancer Genes in Each Tumor Context. <i>Cell Reports</i> , 2018, 23, 297-312.e12.	6.4	205
8	A gold nanoparticle platform for the delivery of functional microRNAs into cancer cells. <i>Biomaterials</i> , 2013, 34, 807-816.	11.4	150
9	A bioinformatics tool for linking gene expression profiling results with public databases of microRNA target predictions. <i>Rna</i> , 2008, 14, 2290-2296.	3.5	141
10	PAPD5-mediated 3' adenylation and subsequent degradation of miR-21 is disrupted in proliferative disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 11467-11472.	7.1	130
11	Diversity of peripheral blood human NK cells identified by single-cell RNA sequencing. <i>Blood Advances</i> , 2020, 4, 1388-1406.	5.2	125
12	Cross-species identification of genomic drivers of squamous cell carcinoma development across preneoplastic intermediates. <i>Nature Communications</i> , 2016, 7, 12601.	12.8	123
13	IAPP-driven metabolic reprogramming induces regression of p53-deficient tumours in vivo. <i>Nature</i> , 2015, 517, 626-630.	27.8	117
14	Integrated Analyses of microRNAs Demonstrate Their Widespread Influence on Gene Expression in High-Grade Serous Ovarian Carcinoma. <i>PLoS ONE</i> , 2012, 7, e34546.	2.5	104
15	Recent Developments and Therapeutic Strategies against Hepatocellular Carcinoma. <i>Cancer Research</i> , 2019, 79, 4326-4330.	0.9	99
16	Discovery of Novel MicroRNAs in Female Reproductive Tract Using Next Generation Sequencing. <i>PLoS ONE</i> , 2010, 5, e9637.	2.5	88
17	Mouse let-7 miRNA populations exhibit RNA editing that is constrained in the 5'-seed/ cleavage/anchor regions and stabilize predicted mmu-let-7a:mRNA duplexes. <i>Genome Research</i> , 2008, 18, 1571-1581.	5.5	87
18	CD56 Expression Marks Human Group 2 Innate Lymphoid Cell Divergence from a Shared NK Cell and Group 3 Innate Lymphoid Cell Developmental Pathway. <i>Immunity</i> , 2018, 49, 464-476.e4.	14.3	86

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19	Embryonic Stem Cell MicroRNAs: Defining Factors in Induced Pluripotent (iPS) and Cancer (CSC) Stem Cells?. <i>Current Stem Cell Research and Therapy</i> , 2009, 4, 168-177.	1.3	83
20	The transcription factor POU3F2 regulates a gene coexpression network in brain tissue from patients with psychiatric disorders. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	81
21	siRNAs from an X-linked satellite repeat promote X-chromosome recognition in <i>Drosophila melanogaster</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 16460-16465.	7.1	68
22	miR-322/-503 cluster is expressed in the earliest cardiac progenitor cells and drives cardiomyocyte specification. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 9551-9556.	7.1	66
23	Single-Molecule Sequencing Reveals Estrogen-Regulated Clinically Relevant lncRNAs in Breast Cancer. <i>Molecular Endocrinology</i> , 2015, 29, 1634-1645.	3.7	56
24	miR-509-3p is clinically significant and strongly attenuates cellular migration and multi-cellular spheroids in ovarian cancer. <i>Oncotarget</i> , 2016, 7, 25930-25948.	1.8	49
25	Regulation of miRNA-29c and its downstream pathways in preneoplastic progression of triple-negative breast cancer. <i>Oncotarget</i> , 2017, 8, 19645-19660.	1.8	49
26	Novel MicroRNA Candidates and miRNA-mRNA Pairs in Embryonic Stem (ES) Cells. <i>PLoS ONE</i> , 2008, 3, e2548.	2.5	48
27	Duplication of the PMP22 gene in 17p partial trisomy patients with Charcot-Marie-Tooth type-1A neuropathy. <i>Human Genetics</i> , 1996, 97, 642-649.	3.8	45
28	Song exposure regulates known and novel microRNAs in the zebra finch auditory forebrain. <i>BMC Genomics</i> , 2011, 12, 277.	2.8	45
29	A noncoding RNA modulator potentiates phenylalanine metabolism in mice. <i>Science</i> , 2021, 373, 662-673.	12.6	42
30	PPAR δ agonists promote differentiation of cancer stem cells by restraining YAP transcriptional activity. <i>Oncotarget</i> , 2016, 7, 60954-60970.	1.8	39
31	MYC-Driven Neuroblastomas Are Addicted to a Telomerase-Independent Function of Dyskerin. <i>Cancer Research</i> , 2016, 76, 3604-3617.	0.9	38
32	Annexin A1 Preferentially Predicts Poor Prognosis of Basal-Like Breast Cancer Patients by Activating mTOR-S6 Signaling. <i>PLoS ONE</i> , 2015, 10, e0127678.	2.5	34
33	miRNA Data Analysis: Next-Gen Sequencing. <i>Methods in Molecular Biology</i> , 2012, 822, 273-288.	0.9	32
34	β -Np63/DGCR8-Dependent MicroRNAs Mediate Therapeutic Efficacy of HDAC Inhibitors in Cancer. <i>Cancer Cell</i> , 2016, 29, 874-888.	16.8	32
35	Curcumin Reduces Adipose Tissue Inflammation and Alters Gut Microbiota in Diet-Induced Obese Male Mice. <i>Molecular Nutrition and Food Research</i> , 2021, 65, e2100274.	3.3	32
36	Large-Scale Integration of MicroRNA and Gene Expression Data for Identification of Enriched MicroRNA-mRNA Associations in Biological Systems. <i>Methods in Molecular Biology</i> , 2010, 667, 297-315.	0.9	31

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37	Protective properties of n-3 fatty acids and implications in obesity-associated breast cancer. <i>Journal of Nutritional Biochemistry</i> , 2018, 53, 1-8.	4.2	31
38	Tumour-suppressor microRNAs regulate ovarian cancer cell physical properties and invasive behaviour. <i>Open Biology</i> , 2016, 6, 160275.	3.6	29
39	MicroRNA-509-3p inhibits cellular migration, invasion, and proliferation, and sensitizes osteosarcoma to cisplatin. <i>Scientific Reports</i> , 2019, 9, 19089.	3.3	26
40	Mesp1 Marked Cardiac Progenitor Cells Repair Infarcted Mouse Hearts. <i>Scientific Reports</i> , 2016, 6, 31457.	3.3	24
41	Transcriptomic and microRNA analyses of gene networks regulated by eicosapentaenoic acid in brown adipose tissue of diet-induced obese mice. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018, 1863, 1523-1531.	2.4	23
42	Distinct TP63 Isoform-Driven Transcriptional Signatures Predict Tumor Progression and Clinical Outcomes. <i>Cancer Research</i> , 2018, 78, 451-462.	0.9	22
43	Conversion of human cardiac progenitor cells into cardiac pacemaker-like cells. <i>Journal of Molecular and Cellular Cardiology</i> , 2020, 138, 12-22.	1.9	20
44	An integrative transcriptomic approach to identify depot differences in genes and microRNAs in adipose tissues from high fat fed mice. <i>Oncotarget</i> , 2018, 9, 9246-9261.	1.8	19
45	Transmembrane adaptor protein PAG1 is a novel tumor suppressor in neuroblastoma. <i>Oncotarget</i> , 2016, 7, 24018-24026.	1.8	18
46	Functional Analysis of miR-34c as a Putative Tumor Suppressor in High-Grade Serous Ovarian Cancer1. <i>Biology of Reproduction</i> , 2014, 91, 113.	2.7	17
47	Ronin Governs Early Heart Development by Controlling Core Gene Expression Programs. <i>Cell Reports</i> , 2017, 21, 1562-1573.	6.4	16
48	TAp63-Regulated miRNAs Suppress Cutaneous Squamous Cell Carcinoma through Inhibition of a Network of Cell-Cycle Genes. <i>Cancer Research</i> , 2020, 80, 2484-2497.	0.9	16
49	Identification of Potential Glucocorticoid Receptor Therapeutic Targets in Multiple Myeloma. <i>Nuclear Receptor Signaling</i> , 2015, 13, nrs.13006.	1.0	15
50	Activating p53 family member TAp63: A novel therapeutic strategy for targeting p53-altered tumors. <i>Cancer</i> , 2019, 125, 2409-2422.	4.1	15
51	Role of microRNA 690 in Mediating Angiotensin II Effects on Inflammation and Endoplasmic Reticulum Stress. <i>Cells</i> , 2020, 9, 1327.	4.1	15
52	Integrative Analyses of Multilevel Omics Reveal Preneoplastic Breast to Possess a Molecular Landscape That is Globally Shared with Invasive Basal-Like Breast Cancer. <i>Cancers</i> , 2020, 12, 722.	3.7	13
53	Identification of p38 β as a Therapeutic Target for the Treatment of Sjögren Syndrome. <i>Journal of Investigative Dermatology</i> , 2015, 135, 599-608.	0.7	12
54	A Universal Stress Protein That Controls Bacterial Stress Survival in <i>Micrococcus luteus</i> . <i>Journal of Bacteriology</i> , 2019, 201, .	2.2	12

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55	Pan-cancer analysis reveals TP53-regulated oncogenic lncRNAs that promote cancer progression through AKT activation. <i>Nature Communications</i> , 2020, 11, 5156.	12.8	12
56	Single-Cell RNA-Sequencing Identifies Activation of TP53 and STAT1 Pathways in Human T Lymphocyte Subpopulations in Response to Ex Vivo Radiation Exposure. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2316.	4.1	10
57	Identification of microRNAs and microRNA targets in <i>Xenopus gastrulae</i> : The role of miR-26 in the regulation of Smad1. <i>Developmental Biology</i> , 2016, 409, 26-38.	2.0	8
58	DNA Loading and Release Using Custom-Tailored Poly(L-lysine) Surfaces. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 23370-23378.	8.0	8
59	Functional significance of gain-of-function H19 lncRNA in skeletal muscle differentiation and anti-obesity effects. <i>Genome Medicine</i> , 2021, 13, 137.	8.2	8
60	Co-delivery of novel bispecific and trispecific engagers by an amplicon vector augments the therapeutic effect of an HSV-based oncolytic virotherapy. , 2021, 9, e002454.		7
61	DNA Binding on Self-Assembled Monolayers Terminated with Mixtures of Ammonium and Trimethylammonium Groups: Toward a Gene-Delivery Platform. <i>ACS Applied Nano Materials</i> , 2020, 3, 6621-6628.	5.0	6
62	Wnt signaling regulates neural plate patterning in distinct temporal phases with dynamic transcriptional outputs. <i>Developmental Biology</i> , 2020, 462, 152-164.	2.0	6
63	Quaternary Ammonium-Terminated Films Formed from Mixed Bidentate Adsorbates Provide a High-Capacity Platform for Oligonucleotide Delivery. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 40890-40900.	8.0	5
64	Duplication of the PMP22 gene in 17p partial trisomy patients with Charcot-Marie-Tooth type-1A neuropathy. <i>Human Genetics</i> , 1996, 97, 642-649.	3.8	4
65	Concatenation cDNA sequencing for transcriptome analysis. <i>Comptes Rendus - Biologies</i> , 2003, 326, 971-977.	0.2	4
66	HepT1-derived murine models of high-risk hepatoblastoma display vascular invasion, metastasis, and circulating tumor cells. <i>Biology Open</i> , 2022, 11, .	1.2	3
67	Synergy Of Small-Molecule Inhibitors In Cutaneous T-Cell Lymphoma Cells: A Discovery Tool To Define New Therapeutic Targets In T-Cell Receptor (TCR) Signaling Pathways. <i>Blood</i> , 2013, 122, 4327-4327.	1.4	2
68	Functional and structural characterization of Hyp730, a highly conserved and dormancy-specific hypothetical membrane protein. <i>MicrobiologyOpen</i> , 2021, 10, e1154.	3.0	1
69	Large Conserved Domains Of Low DNA Methylation Maintained By 5-Hydroxymethylcytosine and Dnmt3a. <i>Blood</i> , 2013, 122, 2406-2406.	1.4	0