Nagireddy Putluri

List of Publications by Year in descending order

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124	7,945	43	82
papers	citations	h-index	g-index
134	134	134	15460 citing authors
all docs	docs citations	times ranked	

#	Article	IF	CITATIONS
1	Metabolic stress induces GD2+ cancer stem cell-like phenotype in triple-negative breast cancer. British Journal of Cancer, 2022, 126, 615-627.	2.9	10
2	Myocardial Rev-erb–Mediated Diurnal Metabolic Rhythm and Obesity Paradox. Circulation, 2022, 145, 448-464.	1.6	31
3	Abstract P5-05-06: Metformin concentration is a deciding factor of its pro- or anti-tumor function in triple negative breast cancer. Cancer Research, 2022, 82, P5-05-06-P5-05-06.	0.4	1
4	Metabolic adaptation of ovarian tumors in patients treated with an IDO1 inhibitor constrains antitumor immune responses. Science Translational Medicine, 2022, 14, eabg8402.	5.8	28
5	Defining the mammalian coactivation of hepatic 12-h clock and lipid metabolism. Cell Reports, 2022, 38, 110491.	2.9	13
6	Metabolome and microbiome multi-omics integration from a murine lung inflammation model of bronchopulmonary dysplasia. Pediatric Research, 2022, 92, 1580-1589.	1.1	5
7	Lipid Alterations in African American Men with Prostate Cancer. Metabolites, 2022, 12, 8.	1.3	4
8	Calcium/calmodulin-dependent protein kinase kinase 2 regulates hepatic fuel metabolism. Molecular Metabolism, 2022, 62, 101513.	3.0	8
9	Lipidomic Profiling Identifies a Novel Lipid Signature Associated with Ethnicity-Specific Disparity of Bladder Cancer. Metabolites, 2022, 12, 544.	1.3	2
10	IDH1 p.R132H ctDNA and D-2-hydroxyglutarate as CSF biomarkers in patients with IDH-mutant gliomas. Journal of Neuro-Oncology, 2022, 159, 261-270.	1.4	6
11	Transcriptional repression of SIRT3 potentiates mitochondrial aconitase activation to drive aggressive prostate cancer to the bone. Cancer Research, 2021, 81, canres.1708.2020.	0.4	24
12	Cannabinoid Receptor Activation on Haematopoietic Cells and Enterocytes Protects against Colitis. Journal of Crohn's and Colitis, 2021, 15, 1032-1048.	0.6	12
13	Isoform-specific Activities of Androgen Receptor and its Splice Variants in Prostate Cancer Cells. Endocrinology, 2021, 162, .	1.4	11
14	Development of a rational strategy for integration of lactate dehydrogenase A suppression into therapeutic algorithms for head and neck cancer. British Journal of Cancer, 2021, 124, 1670-1679.	2.9	7
15	IDO1 Expression in Ovarian Cancer Induces PD-1 in T Cells via Aryl Hydrocarbon Receptor Activation. Frontiers in Immunology, 2021, 12, 678999.	2,2	40
16	Restoration of the molecular clock is tumor suppressive in neuroblastoma. Nature Communications, 2021, 12, 4006.	5.8	22
17	Abstract 2322: Targeting glutamine transporter (ASCT2) inhibits metabolic stress-induced GD2+ cancer stem cell-like phenotype in triple-negative breast cancer., 2021,,.		0
18	Thioredoxin reductase is a major regulator of metabolism in leukemia cells. Oncogene, 2021, 40, 5236-5246.	2.6	11

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19	A noncoding RNA modulator potentiates phenylalanine metabolism in mice. Science, 2021, 373, 662-673.	6.0	42
20	Pancreatic Differentiation of Stem Cells Reveals Pathogenesis of a Syndrome of Ketosis-Prone Diabetes. Diabetes, 2021, 70, 2419-2429.	0.3	1
21	CHAF1A Blocks Neuronal Differentiation and Promotes Neuroblastoma Oncogenesis via Metabolic Reprogramming. Advanced Science, 2021, 8, e2005047.	5.6	17
22	Gut microbiota–derived short-chain fatty acids protect against the progression of endometriosis. Life Science Alliance, 2021, 4, e202101224.	1.3	31
23	Role of Human NADPH Quinone Oxidoreductase (NQO1) in Oxygen-Mediated Cellular Injury and Oxidative DNA Damage in Human Pulmonary Cells. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-13.	1.9	5
24	Epigenetic loss of AOX1 expression via EZH2 leads to metabolic deregulations and promotes bladder cancer progression. Oncogene, 2020, 39, 6265-6285.	2.6	52
25	UDP-glucose 6-dehydrogenase regulates hyaluronic acid production and promotes breast cancer progression. Oncogene, 2020, 39, 3089-3101.	2.6	37
26	Methylâ€Sensing Nuclear Receptor Liver Receptor Homologâ€1 Regulates Mitochondrial Function in Mouse Hepatocytes. Hepatology, 2020, 71, 1055-1069.	3.6	20
27	Metabolic dysregulation in the <i>Atp7b</i> ^{â^'/â^'} Wilson's disease mouse model. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 2076-2083.	3.3	35
28	STAT1 Dissociates Adipose Tissue Inflammation From Insulin Sensitivity in Obesity. Diabetes, 2020, 69, 2630-2641.	0.3	24
29	Proximity to Oil Refineries and Risk of Cancer: A Population-Based Analysis. JNCI Cancer Spectrum, 2020, 4, pkaa088.	1.4	10
30	XBP1 links the 12-hour clock to NAFLD and regulation of membrane fluidity and lipid homeostasis. Nature Communications, 2020, 11, 6215.	5.8	34
31	Glioma induced alterations in fecal short-chain fatty acids and neurotransmitters. CNS Oncology, 2020, 9, CNS57.	1.2	19
32	Polycyclic Aromatic Hydrocarbon-induced Pulmonary Carcinogenesis in Cytochrome P450 (CYP)1A1-and 1A2-Null Mice: Roles of CYP1A1 and CYP1A2. Toxicological Sciences, 2020, 177, 347-361.	1.4	15
33	Cerebrospinal fluid ctDNA and metabolites are informative biomarkers for the evaluation of CNS germ cell tumors. Scientific Reports, 2020, 10, 14326.	1.6	14
34	î"9-Tetrahydrocannabinol Prevents Mortality from Acute Respiratory Distress Syndrome through the Induction of Apoptosis in Immune Cells, Leading to Cytokine Storm Suppression. International Journal of Molecular Sciences, 2020, 21, 6244.	1.8	38
35	Young versus aged microbiota transplants to germ-free mice: increased short-chain fatty acids and improved cognitive performance. Gut Microbes, 2020, 12, 1814107.	4.3	72
36	<i>miR-30a</i> targets gene networks that promote browning of human and mouse adipocytes. American Journal of Physiology - Endocrinology and Metabolism, 2020, 319, E667-E677.	1.8	14

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37	Gut Microbiota–Derived Short-Chain Fatty Acids Promote Poststroke Recovery in Aged Mice. Circulation Research, 2020, 127, 453-465.	2.0	263
38	Gnotobiotic Rats Reveal That Gut Microbiota Regulates Colonic mRNA of <i>Ace2</i> , the Receptor for SARS-CoV-2 Infectivity. Hypertension, 2020, 76, e1-e3.	1.3	63
39	Epigenome environment interactions accelerate epigenomic aging and unlock metabolically restricted epigenetic reprogramming in adulthood. Nature Communications, 2020, 11, 2316.	5.8	43
40	Endothelial-to-mesenchymal transition compromises vascular integrity to induce Myc-mediated metabolic reprogramming in kidney fibrosis. Science Signaling, 2020, 13 , .	1.6	59
41	Dysregulated Gut Homeostasis Observed Prior to the Accumulation of the Brain Amyloid- \hat{l}^2 in Tg2576 Mice. International Journal of Molecular Sciences, 2020, 21, 1711.	1.8	75
42	Acquisition of Cisplatin Resistance Shifts Head and Neck Squamous Cell Carcinoma Metabolism toward Neutralization of Oxidative Stress. Cancers, 2020, 12, 1670.	1.7	33
43	Metabolomic biomarkers are associated with mortality in patients with cirrhosis caused by primary biliary cholangitis or primary sclerosing cholangitis. Future Science OA, 2020, 6, FSO441.	0.9	8
44	Oncogenic KRAS-Driven Metabolic Reprogramming in Pancreatic Cancer Cells Utilizes Cytokines from the Tumor Microenvironment. Cancer Discovery, 2020, 10, 608-625.	7.7	119
45	KMT2D Deficiency Impairs Super-Enhancers to Confer a Glycolytic Vulnerability in Lung Cancer. Cancer Cell, 2020, 37, 599-617.e7.	7.7	137
46	Dnmt3a loss and Idh2 neomorphic mutations mutually potentiate malignant hematopoiesis. Blood, 2020, 135, 845-856.	0.6	27
47	Proximity to oil refineries and risk of cancer: A population-based analysis Journal of Clinical Oncology, 2020, 38, e13586-e13586.	0.8	0
48	Abstract P238: Bile Acid Metabolites Modulate Hypertension. Hypertension, 2020, 76, .	1.3	0
49	Abstract P112: Elevated Blood Pressure In Conventionalized Germ-free Rats Is Coupled With Upregulation Of Kynurenic Pathway Metabolites And Central Immune Responses. Hypertension, 2020, 76, .	1.3	0
50	New Exon Prediction Techniques Using Adaptive Signal Processing Algorithms for Genomic Analysis. IEEE Access, 2019, 7, 80800-80812.	2.6	11
51	DNA methylation patterns in bladder tumors of African American patients point to distinct alterations in xenobiotic metabolism. Carcinogenesis, 2019, 40, 1332-1340.	1.3	7
52	Liver- and Microbiome-derived Bile Acids Accumulate in Human Breast Tumors and Inhibit Growth and Improve Patient Survival. Clinical Cancer Research, 2019, 25, 5972-5983.	3.2	35
53	Aerobic Plus Resistance Exercise in Obese Older Adults Improves Muscle Protein Synthesis and Preserves Myocellular Quality Despite Weight Loss. Cell Metabolism, 2019, 30, 261-273.e6.	7.2	77
54	Measurement of methylated metabolites using liquid chromatography-mass spectrometry and its biological application. Analytical Methods, 2019, 11, 49-57.	1.3	10

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55	Association between elevated placental polycyclic aromatic hydrocarbons (PAHs) and PAH-DNA adducts from Superfund sites in Harris County, and increased risk of preterm birth (PTB). Biochemical and Biophysical Research Communications, 2019, 516, 344-349.	1.0	35
56	Oncogenic IncRNA downregulates cancer cell antigen presentation and intrinsic tumor suppression. Nature Immunology, 2019, 20, 835-851.	7.0	277
57	Methionine-Homocysteine Pathway in African-American Prostate Cancer. JNCI Cancer Spectrum, 2019, 3, pkz019.	1.4	21
58	Multi-omics Integration Analysis Robustly Predicts High-Grade Patient Survival and Identifies CPT1B Effect on Fatty Acid Metabolism in Bladder Cancer. Clinical Cancer Research, 2019, 25, 3689-3701.	3.2	81
59	A Prospective Targeted Serum Metabolomics Study of Pancreatic Cancer in Postmenopausal Women. Cancer Prevention Research, 2019, 12, 237-246.	0.7	21
60	Recent advances in the metabolomic study of bladder cancer. Expert Review of Proteomics, 2019, 16, 315-324.	1.3	28
61	Molecular Profiling Reveals Unique Immune and Metabolic Features of Melanoma Brain Metastases. Cancer Discovery, 2019, 9, 628-645.	7.7	231
62	CBMT-40. THE RELATIONSHIP BETWEEN GLIOMA AND THE GUT-BRAIN AXIS. Neuro-Oncology, 2019, 21, vi41-vi42.	0.6	0
63	Rapid affinity purification of intracellular organelles using twin strep tag. Journal of Cell Science, 2019, 132, .	1.2	34
64	Largeâ€scale profiling of serum metabolites in African American and European American patients with bladder cancer reveals metabolic pathways associated with patient survival. Cancer, 2019, 125, 921-932.	2.0	42
65	Mitochondrial pyruvate import is a metabolic vulnerability in androgen receptor-driven prostate cancer. Nature Metabolism, 2019, 1, 70-85.	5.1	110
66	Serum Metabolic Profiling Identified a Distinct Metabolic Signature in Bladder Cancer Smokers: A Key Metabolic Enzyme Associated with Patient Survival. Cancer Epidemiology Biomarkers and Prevention, 2019, 28, 770-781.	1.1	37
67	PTEN-induced partial epithelial-mesenchymal transition drives diabetic kidney disease. Journal of Clinical Investigation, 2019, 129, 1129-1151.	3.9	68
68	ERR1- and PGC1 \hat{l} ±-associated mitochondrial alterations correlate with pan-cancer disparity in African Americans. Journal of Clinical Investigation, 2019, 129, 2351-2356.	3.9	24
69	Electronic cigarettes disrupt lung lipid homeostasis and innate immunity independent of nicotine. Journal of Clinical Investigation, 2019, 129, 4290-4304.	3.9	264
70	Metabolic enzyme PFKFB4 activates transcriptional coactivator SRC-3 to drive breast cancer. Nature, 2018, 556, 249-254.	13.7	164
71	Potential role of Plasmodium falciparum exported protein 1 in the chloroquine mode of action. International Journal for Parasitology: Drugs and Drug Resistance, 2018, 8, 31-35.	1.4	6
72	Dimethyl fumarate targets GAPDH and aerobic glycolysis to modulate immunity. Science, 2018, 360, 449-453.	6.0	489

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73	Cisplatin generates oxidative stress which is accompanied by rapid shifts in central carbon metabolism. Scientific Reports, 2018, 8, 4306.	1.6	77
74	Distinct Lipidomic Landscapes Associated with Clinical Stages of Urothelial Cancer of the Bladder. European Urology Focus, 2018, 4, 907-915.	1.6	40
75	Unique metabolomic signature associated with hepatorenal dysfunction and mortality in cirrhosis. Translational Research, 2018, 195, 25-47.	2.2	43
76	Influence of the neural microenvironment on prostate cancer. Prostate, 2018, 78, 128-139.	1.2	49
77	Pharmacological targeting of MYC-regulated IRE1/XBP1 pathway suppresses MYC-driven breast cancer. Journal of Clinical Investigation, 2018, 128, 1283-1299.	3.9	163
78	Current Applications of Metabolomics in Cirrhosis. Metabolites, 2018, 8, 67.	1.3	10
79	Steroid Receptor Coactivator-2 Controls the Pentose Phosphate Pathway through RPIA in Human Endometrial Cancer Cells. Scientific Reports, 2018, 8, 13134.	1.6	6
80	Analysis of cerebrospinal fluid metabolites in patients with primary or metastatic central nervous system tumors. Acta Neuropathologica Communications, 2018, 6, 85.	2.4	38
81	Expression of Long Noncoding RNA <i>YIYA</i> Promotes Glycolysis in Breast Cancer. Cancer Research, 2018, 78, 4524-4532.	0.4	59
82	Pentose Phosphate Shunt Modulates Reactive Oxygen Species and Nitric Oxide Production Controlling Trypanosoma cruzi in Macrophages. Frontiers in Immunology, 2018, 9, 202.	2.2	56
83	Unbiased Lipidomic Profiling of Triple-Negative Breast Cancer Tissues Reveals the Association of Sphingomyelin Levels with Patient Disease-Free Survival. Metabolites, 2018, 8, 41.	1.3	38
84	Ageâ€related changes in the gut microbiota influence systemic inflammation and stroke outcome. Annals of Neurology, 2018, 84, 23-36.	2.8	293
85	Sphingosine kinase 1-associated autophagy differs between neurons and astrocytes. Cell Death and Disease, 2018, 9, 521.	2.7	33
86	Plasma Urea Cycle Metabolites May Be Useful Biomarkers in Children With Eosinophilic Esophagitis. Frontiers in Pediatrics, 2018, 6, 423.	0.9	10
87	Abstract TMP25: Short Chain Fatty Acids Mediate the Beneficial Effects of Young Microbiome on Recovery in Aged Mice after Ischemic Stroke. Stroke, 2018, 49, .	1.0	1
88	Role of Cyclooxygenase-2 Pathway in Creating an Immunosuppressive Microenvironment and in Initiation and Progression of Wilms' Tumor. Neoplasia, 2017, 19, 237-249.	2.3	38
89	Inhibiting sphingosine kinase 2 mitigates mutant Huntingtin-induced neurodegeneration in neuron models of Huntington disease. Human Molecular Genetics, 2017, 26, 1305-1317.	1.4	31
90	Mutual regulation of tumour vessel normalization and immunostimulatory reprogramming. Nature, 2017, 544, 250-254.	13.7	555

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91	Loss of Nardilysin, a Mitochondrial Co-chaperone for α-Ketoglutarate Dehydrogenase, Promotes mTORC1 Activation and Neurodegeneration. Neuron, 2017, 93, 115-131.	3.8	95
92	Systematic analysis of human telomeric dysfunction using inducible telosome/shelterin CRISPR/Cas9 knockout cells. Cell Discovery, 2017, 3, 17034.	3.1	43
93	The Glia-Neuron Lactate Shuttle and Elevated ROS Promote Lipid Synthesis in Neurons and Lipid Droplet Accumulation in Glia via APOE/D. Cell Metabolism, 2017, 26, 719-737.e6.	7.2	333
94	Pharmacological inhibition of CaMKK2 with the selective antagonist STO-609 regresses NAFLD. Scientific Reports, 2017, 7, 11793.	1.6	47
95	Tobacco-Specific Carcinogens Induce Hypermethylation, DNA Adducts, and DNA Damage in Bladder Cancer. Cancer Prevention Research, 2017, 10, 588-597.	0.7	46
96	ADHFE1 is a breast cancer oncogene and induces metabolic reprogramming. Journal of Clinical Investigation, 2017, 128, 323-340.	3.9	63
97	Expression of ganglioside GD2, reprogram the lipid metabolism and EMT phenotype in bladder cancer. Oncotarget, 2017, 8, 95620-95631.	0.8	38
98	Peroxisomal biogenesis is genetically and biochemically linked to carbohydrate metabolism in Drosophila and mouse. PLoS Genetics, 2017, 13, e1006825.	1.5	31
99	Fatty Acid Oxidation-Driven Src Links Mitochondrial Energy Reprogramming and Oncogenic Properties in Triple-Negative Breast Cancer. Cell Reports, 2016, 14, 2154-2165.	2.9	232
100	MNX1 Is Oncogenically Upregulated in African-American Prostate Cancer. Cancer Research, 2016, 76, 6290-6298.	0.4	61
101	Circadian Homeostasis of Liver Metabolism Suppresses Hepatocarcinogenesis. Cancer Cell, 2016, 30, 909-924.	7.7	360
102	Inhibition of the hexosamine biosynthetic pathway promotes castration-resistant prostate cancer. Nature Communications, 2016, 7, 11612.	5.8	66
103	An Immune-Inflammation Gene Expression Signature in Prostate Tumors of Smokers. Cancer Research, 2016, 76, 1055-1065.	0.4	31
104	Integrative Pathway Analysis of Metabolic Signature in Bladder Cancer: A Linkage to The Cancer Genome Atlas Project and Prediction of Survival. Journal of Urology, 2016, 195, 1911-1919.	0.2	35
105	A Novel [15N] Glutamine Flux using LC-MS/MS-SRM for Determination of Nucleosides and Nucleobases. Journal of Analytical & Bioanalytical Techniques, 2015, 6, .	0.6	3
106	Platelet-Synthesized Testosterone in Men with Prostate Cancer Induces Androgen Receptor Signaling. Neoplasia, 2015, 17, 490-496.	2.3	8
107	CAPER Is Vital for Energy and Redox Homeostasis by Integrating Glucose-Induced Mitochondrial Functions via ERR-α-Gabpa and Stress-Induced Adaptive Responses via NF-ήB-cMYC. PLoS Genetics, 2015, 11, e1005116.	1.5	22
108	Coactivator SRC-2–dependent metabolic reprogramming mediates prostate cancer survival and metastasis. Journal of Clinical Investigation, 2015, 125, 1174-1188.	3.9	78

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109	EMT-induced metabolite signature identifies poor clinical outcome. Oncotarget, 2015, 6, 42651-42660.	0.8	50
110	Differential regulation of metabolic pathways by androgen receptor (AR) and its constitutively active splice variant, AR-V7, in prostate cancer cells. Oncotarget, 2015, 6, 31997-32012.	0.8	73
111	MYC-driven accumulation of 2-hydroxyglutarate is associated with breast cancer prognosis. Journal of Clinical Investigation, 2014, 124, 398-412.	3.9	348
112	Arginase 2 deficiency reduces hyperoxia-mediated retinal neurodegeneration through the regulation of polyamine metabolism. Cell Death and Disease, 2014, 5, e1075-e1075.	2.7	59
113	SRC-2 Is an Essential Coactivator for Orchestrating Metabolism and Circadian Rhythm. Cell Reports, 2014, 6, 633-645.	2.9	65
114	Metabolomic Profiling Identifies Biochemical Pathways Associated with Castration-Resistant Prostate Cancer. Journal of Proteome Research, 2014, 13, 1088-1100.	1.8	49
115	Pathway-Centric Integrative Analysis Identifies RRM2 as a Prognostic Marker in Breast Cancer Associated with Poor Survival and Tamoxifen Resistance. Neoplasia, 2014, 16, 390-402.	2.3	66
116	Supergenomic Network Compression and the Discovery of EXP1 as a Glutathione Transferase Inhibited by Artesunate. Cell, 2014, 158, 916-928.	13.5	113
117	Acceleration of the Glycolytic Flux by Steroid Receptor Coactivator-2 Is Essential for Endometrial Decidualization. PLoS Genetics, 2013, 9, e1003900.	1.5	76
118	Application of ¹³ C isotope labeling using liquid chromatography mass spectrometry (LCâ€MS) to determining phosphateâ€containing metabolic incorporation. Journal of Mass Spectrometry, 2013, 48, 1270-1275.	0.7	4
119	Proteomic analysis reveals cellular pathways regulating carbohydrate metabolism that are modulated in primary human skeletal muscle culture due to treatment with bioactives from Artemisia dracunculus L Journal of Proteomics, 2012, 75, 3199-3210.	1.2	18
120	Metabolomic Profiling Reveals Potential Markers and Bioprocesses Altered in Bladder Cancer Progression. Cancer Research, 2011, 71, 7376-7386.	0.4	166
121	Metabolites of Purine Nucleoside Phosphorylase (NP) in Serum Have the Potential to Delineate Pancreatic Adenocarcinoma. PLoS ONE, 2011, 6, e17177.	1.1	18
122	Metabolomic Profiling Reveals a Role for Androgen in Activating Amino Acid Metabolism and Methylation in Prostate Cancer Cells. PLoS ONE, 2011, 6, e21417.	1.1	75
123	Integrative metabolomics and transcriptomics analysis reveals novel therapeutic vulnerabilities in lung cancer. Cancer Medicine, 0, , .	1.3	4
124	Early Systemic Glycolytic Shift After Aneurysmal Subarachnoid Hemorrhage is Associated with Functional Outcomes. Neurocritical Care, 0, , .	1.2	1