

Prakash Radhakrishnan

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,656
citations

471371

17
h-index

330025

37
g-index

42
all docs

42
docs citations

42
times ranked

2839
citing authors

#	ARTICLE	IF	CITATIONS
1	Tumor-stromal crosstalk in pancreatic cancer and tissue fibrosis. <i>Molecular Cancer</i> , 2019, 18, 14.	7.9	266
2	Immature truncated O-glycophenotype of cancer directly induces oncogenic features. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E4066-75.	3.3	251
3	MUC1 mucin stabilizes and activates hypoxia-inducible factor 1 alpha to regulate metabolism in pancreatic cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 13787-13792.	3.3	207
4	Metabolic reprogramming induced by ketone bodies diminishes pancreatic cancer cachexia. <i>Cancer & Metabolism</i> , 2014, 2, 18.	2.4	182
5	Altered glycosylation in cancer: A promising target for biomarkers and therapeutics. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2021, 1875, 188464.	3.3	128
6	Isatin Derived Spirocyclic Analogues with Î±-Methylene-Î²-butyrolactone as Anticancer Agents: A Structure-Activity Relationship Study. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 5121-5127.	2.9	86
7	TNFÎ± enhances the motility and invasiveness of prostatic cancer cells by stimulating the expression of selective glycosyl- and sulfotransferase genes involved in the synthesis of selectin ligands. <i>Biochemical and Biophysical Research Communications</i> , 2011, 409, 436-441.	1.0	44
8	MicroRNA-200c Modulates the Expression of MUC4 and MUC16 by Directly Targeting Their Coding Sequences in Human Pancreatic Cancer. <i>PLoS ONE</i> , 2013, 8, e73356.	1.1	38
9	MUC1 Regulates Expression of Multiple microRNAs Involved in Pancreatic Tumor Progression, Including the miR-200c/141 Cluster. <i>PLoS ONE</i> , 2013, 8, e73306.	1.1	32
10	Truncated O-glycans promote epithelial-to-mesenchymal transition and stemness properties of pancreatic cancer cells. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 6885-6896.	1.6	30
11	Expression of core 3 synthase in human pancreatic cancer cells suppresses tumor growth and metastasis. <i>International Journal of Cancer</i> , 2013, 133, 2824-2833.	2.3	28
12	Targeting the NF-Î±B and mTOR Pathways with a Quinoxaline Urea Analog That Inhibits IKKÎ² for Pancreas Cancer Therapy. <i>Clinical Cancer Research</i> , 2013, 19, 2025-2035.	3.2	27
13	Novel Treatment for Mantle Cell Lymphoma Including Therapy-Resistant Tumor by NF-Î±B and mTOR Dual-Targeting Approach. <i>Molecular Cancer Therapeutics</i> , 2013, 12, 2006-2017.	1.9	27
14	Amyloid precursor-like protein 2 (APLP2) affects the actin cytoskeleton and increases pancreatic cancer growth and metastasis. <i>Oncotarget</i> , 2015, 6, 2064-2075.	0.8	26
15	Interactions between MUC1 and p120 Catenin Regulate Dynamic Features of Cell Adhesion, Motility, and Metastasis. <i>Cancer Research</i> , 2014, 74, 1609-1620.	0.4	25
16	Isoforms of MUC16 activate oncogenic signaling through EGF receptors to enhance the progression of pancreatic cancer. <i>Molecular Therapy</i> , 2021, 29, 1557-1571.	3.7	25
17	MUC4 enhances gemcitabine resistance and malignant behaviour in pancreatic cancer cells expressing cancer-associated short O-glycans. <i>Cancer Letters</i> , 2021, 503, 91-102.	3.2	24
18	Pancreatic Stellate Cells: The Key Orchestrator of The Pancreatic Tumor Microenvironment. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1234, 57-70.	0.8	21

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19	Bromelain inhibits SARS-CoV-2 infection via targeting ACE2, TMPRSS2, and spike protein. <i>Clinical and Translational Medicine</i> , 2021, 11, e281.	1.7	18
20	A Polymeric Nanogel-Based Treatment Regimen for Enhanced Efficacy and Sequential Administration of Synergistic Drug Combination in Pancreatic Cancer. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019, 370, 894-901.	1.3	16
21	Cell type-specific activation of the cytomegalovirus promoter by dimethylsulfoxide and 5-Aza-2'-deoxycytidine. <i>International Journal of Biochemistry and Cell Biology</i> , 2008, 40, 1944-1955.	1.2	15
22	Role of keratan sulfate expression in human pancreatic cancer malignancy. <i>Scientific Reports</i> , 2019, 9, 9665.	1.6	15
23	Butyrate induces sLex synthesis by stimulation of selective glycosyltransferase genes. <i>Biochemical and Biophysical Research Communications</i> , 2007, 359, 457-462.	1.0	13
24	Role of Tumor and Stroma-Derived IGF/IGFBPs in Pancreatic Cancer. <i>Cancers</i> , 2020, 12, 1228.	1.7	12
25	ImmunoPET of Ovarian and Pancreatic Cancer with AR9.6, a Novel MUC16-Targeted Therapeutic Antibody. <i>Clinical Cancer Research</i> , 2022, 28, 948-959.	3.2	11
26	Elevated expression of L-selectin ligand in lymph node-derived human prostate cancer cells correlates with increased tumorigenicity. <i>Glycoconjugate Journal</i> , 2009, 26, 75-81.	1.4	10
27	Invasive phenotype induced by low extracellular pH requires mitochondria dependent metabolic flexibility. <i>Biochemical and Biophysical Research Communications</i> , 2020, 525, 162-168.	1.0	9
28	Structure activity relationship (SAR) study identifies a quinoxaline urea analog that modulates IKK β phosphorylation for pancreatic cancer therapy. <i>European Journal of Medicinal Chemistry</i> , 2021, 222, 113579.	2.6	9
29	The glycoprotein mucin-1 negatively regulates GalNAc transferase 5 expression in pancreatic cancer. <i>FEBS Letters</i> , 2019, 593, 2751-2761.	1.3	8
30	Development of a MUC16-Targeted Near-Infrared Fluorescent Antibody Conjugate for Intraoperative Imaging of Pancreatic Cancer. <i>Molecular Cancer Therapeutics</i> , 2020, 19, 1670-1681.	1.9	8
31	Truncated O-Glycan-Bearing MUC16 Enhances Pancreatic Cancer Cells Aggressiveness via α 4 β 1 Integrin Complexes and FAK Signaling. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5459.	1.8	8
32	Inhibition of the Receptor for Advanced Glycation End Products Enhances the Cytotoxic Effect of Gemcitabine in Murine Pancreatic Tumors. <i>Biomolecules</i> , 2021, 11, 526.	1.8	6
33	Insect cell expression and purification of recombinant SARS-CoV-2 spike proteins that demonstrate ACE2 binding. <i>Protein Science</i> , 2022, 31, e4300.	3.1	5
34	Novel Treatment for Therapy-Resistant Mantle Cell Lymphoma Targeting NF- κ B and mTOR Signaling Pathways in Vitro and in Vivo. <i>Blood</i> , 2012, 120, 63-63.	0.6	4
35	Small-molecule IKK β activation modulator (IKAM) targets MAP3K1 and inhibits pancreatic tumor growth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2115071119.	3.3	3
36	IgE-Based Therapeutic Combination Enhances Antitumor Response in Preclinical Models of Pancreatic Cancer. <i>Molecular Cancer Therapeutics</i> , 2021, 20, 2457-2468.	1.9	2

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37	Combination of RAGE Inhibitors and Gemcitabine Impedes Tumor Growth by Reducing Autophagy and Facilitating Apoptosis in Pancreatic Cancer. FASEB Journal, 2019, 33, 674.19.	0.2	2
38	Combination of RAGE inhibitors and gemcitabine to mitigate chemo-resistance in pancreatic cancer. FASEB Journal, 2018, 32, 835.7.	0.2	1
39	Truncated O-glycans Enhance Tumorigenicity of Pancreatic Tumors. FASEB Journal, 2013, 27, 592.7.	0.2	0
40	RAGE inhibitors and gemcitabine: an effective combination to attenuate pancreatic cancer. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO2-10-14.	0.0	0
41	Structure of a Therapeutic Antibody in Complex with MUC16 Reveals a Conformational Epitope Influenced by Antigen Glycosylation. FASEB Journal, 2022, 36, .	0.2	0