

# Sabarish Ramachandran

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

1,672  
citations

516710

16  
h-index

501196

28  
g-index

30  
all docs

30  
docs citations

30  
times ranked

2970  
citing authors

#	ARTICLE	IF	CITATIONS
1	Amino Acid Transporters in Cancer and Their Relevance to "Glutamine Addiction": Novel Targets for the Design of a New Class of Anticancer Drugs. <i>Cancer Research</i> , 2015, 75, 1782-1788.	0.9	374
2	DNMT1 is essential for mammary and cancer stem cell maintenance and tumorigenesis. <i>Nature Communications</i> , 2015, 6, 6910.	12.8	204
3	SLC6A14 (ATB0,+) Protein, a Highly Concentrative and Broad Specific Amino Acid Transporter, Is a Novel and Effective Drug Target for Treatment of Estrogen Receptor-positive Breast Cancer. <i>Journal of Biological Chemistry</i> , 2011, 286, 31830-31838.	3.4	157
4	The lactate receptor GPR81 promotes breast cancer growth via a paracrine mechanism involving antigen-presenting cells in the tumor microenvironment. <i>Oncogene</i> , 2020, 39, 3292-3304.	5.9	140
5	SIRT1 Is Essential for Oncogenic Signaling by Estrogen/Estrogen Receptor $\beta$ in Breast Cancer. <i>Cancer Research</i> , 2011, 71, 6654-6664.	0.9	122
6	Combined Inhibition of DNMT and HDAC Blocks the Tumorigenicity of Cancer Stem-like Cells and Attenuates Mammary Tumor Growth. <i>Cancer Research</i> , 2016, 76, 3224-3235.	0.9	122
7	The Niacin/Butyrate Receptor GPR109A Suppresses Mammary Tumorigenesis by Inhibiting Cell Survival. <i>Cancer Research</i> , 2014, 74, 1166-1178.	0.9	97
8	SLC transporters as a novel class of tumour suppressors: identity, function and molecular mechanisms. <i>Biochemical Journal</i> , 2016, 473, 1113-1124.	3.7	81
9	Deletion of the amino acid transporter Slc6a14 suppresses tumour growth in spontaneous mouse models of breast cancer. <i>Biochemical Journal</i> , 2015, 469, 17-23.	3.7	72
10	Cell-Surface and Nuclear Receptors in the Colon as Targets for Bacterial Metabolites and Its Relevance to Colon Health. <i>Nutrients</i> , 2017, 9, 856.	4.1	52
11	Species-Specific Influence of Lithium on the Activity of SLC13A5 (NaCT): Lithium-Induced Activation Is Specific for the Transporter in Primates. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015, 353, 17-26.	2.5	29
12	Molecular Mechanism of SLC5A8 Inactivation in Breast Cancer. <i>Molecular and Cellular Biology</i> , 2013, 33, 3920-3935.	2.3	27
13	Chronic exposure to excess iron promotes EMT and cancer via p53 loss in pancreatic cancer. <i>Asian Journal of Pharmaceutical Sciences</i> , 2020, 15, 237-251.	9.1	24
14	Growth inhibition and apoptosis induced in human leiomyoma cells by treatment with the PPAR gamma ligand ciglitizone. <i>Molecular Human Reproduction</i> , 2007, 13, 829-836.	2.8	20
15	Expression and function of SLC38A5, an amino acid-coupled Na <sup>+</sup> /H <sup>+</sup> exchanger, in triple-negative breast cancer and its relevance to macropinocytosis. <i>Biochemical Journal</i> , 2021, 478, 3957-3976.	3.7	20
16	<i>RAD51AP1</i> Deficiency Reduces Tumor Growth by Targeting Stem Cell Self-Renewal. <i>Cancer Research</i> , 2020, 80, 3855-3866.	0.9	19
17	The Hepatic Plasma Membrane Citrate Transporter NaCT (SLC13A5) as a Molecular Target for Metformin. <i>Scientific Reports</i> , 2020, 10, 8536.	3.3	18
18	Expression of apoptotic nuclei by ultrastructural terminal deoxyribonucleotidyl transferase mediated dUTP nick end labeling and detection of FasL, caspases and PARP protein molecules in cadmium induced acute alveolar cell injury. <i>Toxicology</i> , 2006, 218, 197-204.	4.2	14

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19	Loss of Cyclin G1 Expression in Human Uterine Leiomyoma Cells Induces Apoptosis. <i>Reproductive Sciences</i> , 2008, 15, 400-410.	2.5	13
20	RAD51AP1 Loss Attenuates Colorectal Cancer Stem Cell Renewal and Sensitizes to Chemotherapy. <i>Molecular Cancer Research</i> , 2021, 19, 1486-1497.	3.4	13
21	Deficiency of Dietary Fiber in <i>Slc5a8</i> -Null Mice Promotes Bacterial Dysbiosis and Alters Colonic Epithelial Transcriptome towards Proinflammatory Milieu. <i>Canadian Journal of Gastroenterology and Hepatology</i> , 2019, 2019, 1-12.	1.9	10
22	TBX2 Drives Neuroendocrine Prostate Cancer through Exosome-Mediated Repression of miR-200c-3p. <i>Cancers</i> , 2021, 13, 5020.	3.7	9
23	Unconventional Functions of Amino Acid Transporters: Role in Macropinocytosis (SLC38A5/SLC38A3) and Diet-Induced Obesity/Metabolic Syndrome (SLC6A19/SLC6A14/SLC6A6). <i>Biomolecules</i> , 2022, 12, 235.	4.0	9
24	Cyclin-Dependent Kinase Inhibitor p27Kip1 Controls Growth and Cell Cycle Progression in Human Uterine Leiomyoma. <i>Journal of Korean Medical Science</i> , 2008, 23, 667.	2.5	8
25	Dishevelled-1 DIX and PDZ domain lysine residues regulate oncogenic Wnt signaling. <i>Oncotarget</i> , 2021, 12, 2234-2251.	1.8	6
26	Induction of apoptosis by Hibiscus protocatechuic acid in human uterine leiomyoma cells. <i>Korean Journal of Gynecologic Oncology</i> , 2008, 19, 48.	0.1	5
27	Î±-Methyl-tryptophan as a weight-loss agent in multiple models of obesity in mice. <i>Biochemical Journal</i> , 2021, 478, 1347-1358.	3.7	5