

# Ramesh K Ganju

## List of Publications by Year in descending order

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99  
papers

5,807  
citations

61984

43  
h-index

76900

74  
g-index

101  
all docs

101  
docs citations

101  
times ranked

8865  
citing authors

#	ARTICLE	IF	CITATIONS
1	The $\beta$ -Chemokine, Stromal Cell-derived Factor-1 $\beta$ , Binds to the Transmembrane G-protein-coupled CXCR-4 Receptor and Activates Multiple Signal Transduction Pathways. <i>Journal of Biological Chemistry</i> , 1998, 273, 23169-23175.	3.4	554
2	Medicinal Plants and Cancer Chemoprevention. <i>Current Drug Metabolism</i> , 2008, 9, 581-591.	1.2	383
3	The Mammalian Ortholog of <i>Drosophila</i> MOF That Acetylates Histone H4 Lysine 16 Is Essential for Embryogenesis and Oncogenesis. <i>Molecular and Cellular Biology</i> , 2008, 28, 397-409.	2.3	194
4	Synthetic cannabinoid receptor agonists inhibit tumor growth and metastasis of breast cancer. <i>Molecular Cancer Therapeutics</i> , 2009, 8, 3117-3129.	4.1	193
5	Modulation of the tumor microenvironment and inhibition of EGF/EGFR pathway: Novel anti-tumor mechanisms of Cannabidiol in breast cancer. <i>Molecular Oncology</i> , 2015, 9, 906-919.	4.6	170
6	Phytoestrogens and Breast Cancer Prevention: Possible Mechanisms of Action. <i>Environmental Health Perspectives</i> , 2008, 116, 426-433.	6.0	167
7	Cannabinoids as therapeutic agents in cancer: current status and future implications. <i>Oncotarget</i> , 2014, 5, 5852-5872.	1.8	161
8	Cannabinoid Receptors, CB1 and CB2, as Novel Targets for Inhibition of Non-Small Cell Lung Cancer Growth and Metastasis. <i>Cancer Prevention Research</i> , 2011, 4, 65-75.	1.5	121
9	$\beta$ -Chemokine Receptor CCR5 Signals Via the Novel Tyrosine Kinase RAFTK. <i>Blood</i> , 1998, 91, 791-797.	1.4	120
10	Slit Protein-mediated Inhibition of CXCR4-induced Chemotactic and Chemoinvasive Signaling Pathways in Breast Cancer Cells. <i>Journal of Biological Chemistry</i> , 2004, 279, 9115-9124.	3.4	112
11	RAGE Mediates S100A7-Induced Breast Cancer Growth and Metastasis by Modulating the Tumor Microenvironment. <i>Cancer Research</i> , 2015, 75, 974-985.	0.9	112
12	Lipopolysaccharide-Induced Apoptosis of Endothelial Cells and Its Inhibition by Vascular Endothelial Growth Factor. <i>Journal of Immunology</i> , 2002, 168, 5860-5866.	0.8	106
13	Vascular Endothelial Growth Factor-C (VEGF-C) and its Receptors KDR and flt-4 are Expressed in AIDS-Associated Kaposi's Sarcoma. <i>Journal of Investigative Dermatology</i> , 1999, 113, 1047-1053.	0.7	105
14	Human Immunodeficiency Virus Tat Modulates the Flk-1/KDR Receptor, Mitogen-Activated Protein Kinases, and Components of Focal Adhesion in Kaposi's Sarcoma Cells. <i>Journal of Virology</i> , 1998, 72, 6131-6137.	3.4	105
15	S100A7 Enhances Mammary Tumorigenesis through Upregulation of Inflammatory Pathways. <i>Cancer Research</i> , 2012, 72, 604-615.	0.9	103
16	RAFTK, a Novel Member of the Focal Adhesion Kinase Family, Is Phosphorylated and Associates with Signaling Molecules upon Activation of Mature T Lymphocytes. <i>Journal of Experimental Medicine</i> , 1997, 185, 1055-1064.	8.5	102
17	Cannabinoid receptor CB2 modulates the CXCL12/CXCR4-mediated chemotaxis of T lymphocytes. <i>Molecular Immunology</i> , 2006, 43, 2169-2179.	2.2	102
18	Reciprocal regulation of microRNA-122 and c-Myc in hepatocellular cancer: Role of E2F1 and transcription factor dimerization partner 2. <i>Hepatology</i> , 2014, 59, 555-566.	7.3	98

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19	Hepatitis C and Human Immunodeficiency Virus Envelope Proteins Cooperatively Induce Hepatocytic Apoptosis via an Innocent Bystander Mechanism. <i>Journal of Infectious Diseases</i> , 2003, 188, 1192-1204.	4.0	97
20	Fibroblast-derived CXCL12 promotes breast cancer metastasis by facilitating tumor cell intravasation. <i>Oncogene</i> , 2018, 37, 4428-4442.	5.9	95
21	Slit-2/Robo-1 modulates the CXCL12/CXCR4-induced chemotaxis of T cells. <i>Journal of Leukocyte Biology</i> , 2007, 82, 465-476.	3.3	93
22	C-X-C motif chemokine 12/C-X-C chemokine receptor type 7 signaling regulates breast cancer growth and metastasis by modulating the tumor microenvironment. <i>Breast Cancer Research</i> , 2014, 16, R54.	5.0	93
23	Slit-2 Induces a Tumor-suppressive Effect by Regulating $\beta$ -Catenin in Breast Cancer Cells. <i>Journal of Biological Chemistry</i> , 2008, 283, 26624-26633.	3.4	88
24	Differential roles of hypoxia inducible factor subunits in multipotential stromal cells under hypoxic condition. <i>Journal of Cellular Biochemistry</i> , 2011, 112, 804-817.	2.6	87
25	Slit2-ROBO4 Pathway Modulates Lipopolysaccharide-Induced Endothelial Inflammation and Its Expression Is Dysregulated during Endotoxemia. <i>Journal of Immunology</i> , 2014, 192, 385-393.	0.8	84
26	Hepatitis C Virus and HIV Envelope Proteins Collaboratively Mediate Interleukin-8 Secretion through Activation of p38 MAP Kinase and SHP2 in Hepatocytes. <i>Journal of Biological Chemistry</i> , 2003, 278, 35755-35766.	3.4	82
27	Stromal Cell-Derived Factor 1 $\alpha$ -Induced Chemotaxis in T Cells Is Mediated by Nitric Oxide Signaling Pathways. <i>Journal of Immunology</i> , 2001, 166, 3067-3074.	0.8	81
28	Differential Regulation of CXCR4-mediated T-cell Chemotaxis and Mitogen-activated Protein Kinase Activation by the Membrane Tyrosine Phosphatase, CD45. <i>Journal of Biological Chemistry</i> , 2003, 278, 9536-9543.	3.4	78
29	$\beta$ -Chemokine Receptor CCR5 Signals through SHP1, SHP2, and Syk. <i>Journal of Biological Chemistry</i> , 2000, 275, 17263-17268.	3.4	77
30	SHP2 and cbl participate in $\beta$ -chemokine receptor CXCR4-mediated signaling pathways. <i>Blood</i> , 2001, 97, 608-615.	1.4	77
31	HIV-1 Tat Induces Microvascular Endothelial Apoptosis Through Caspase Activation. <i>Journal of Immunology</i> , 2001, 167, 2766-2771.	0.8	75
32	Crosstalk between Chemokine Receptor CXCR4 and Cannabinoid Receptor CB2 in Modulating Breast Cancer Growth and Invasion. <i>PLoS ONE</i> , 2011, 6, e23901.	2.5	75
33	CXCR3 deficiency enhances tumor progression by promoting macrophage M2 polarization in a murine breast cancer model. <i>Immunology</i> , 2014, 143, 109-119.	4.4	69
34	Cannabinoid receptor-2 agonist inhibits macrophage induced EMT in non-small cell lung cancer by downregulation of EGFR pathway. <i>Molecular Carcinogenesis</i> , 2016, 55, 2063-2076.	2.7	66
35	TRPV2 is a novel biomarker and therapeutic target in triple negative breast cancer. <i>Oncotarget</i> , 2018, 9, 33459-33470.	1.8	58
36	FAAH inhibition enhances anandamide mediated anti-tumorigenic effects in non-small cell lung cancer by downregulating the EGF/EGFR pathway. <i>Oncotarget</i> , 2014, 5, 2475-2486.	1.8	58

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37	Cdc25A Regulates Matrix Metalloprotease 1 through Foxo1 and Mediates Metastasis of Breast Cancer Cells. <i>Molecular and Cellular Biology</i> , 2011, 31, 3457-3471.	2.3	57
38	Estrogen Receptor Beta (ER $\beta$ ): A Ligand Activated Tumor Suppressor. <i>Frontiers in Oncology</i> , 2020, 10, 587386.	2.8	57
39	LPS-induced MCP-1 expression in human microvascular endothelial cells is mediated by the tyrosine kinase, Pyk2 via the p38 MAPK/NF- $\kappa$ B-dependent pathway. <i>Molecular Immunology</i> , 2009, 46, 962-968.	2.2	52
40	Ibrutinib treatment inhibits breast cancer progression and metastasis by inducing conversion of myeloid-derived suppressor cells to dendritic cells. <i>British Journal of Cancer</i> , 2020, 122, 1005-1013.	6.4	52
41	Kaposi's Sarcoma-associated Herpesvirus-encoded G Protein-coupled Receptor Activation of c-Jun Amino-terminal Kinase/Stress-activated Protein Kinase and Lyn Kinase Is Mediated by Related Adhesion Focal Tyrosine Kinase/Proline-rich Tyrosine Kinase 2. <i>Journal of Biological Chemistry</i> , 1999, 274, 31863-31867.	3.4	51
42	Signal Transducer and Activator of Transcription Factor 1 Mediates Apoptosis Induced by Hepatitis C Virus and HIV Envelope Proteins in Hepatocytes. <i>Journal of Infectious Diseases</i> , 2006, 194, 670-681.	4.0	47
43	The Tyrosine Kinase Pyk2 Mediates Lipopolysaccharide-Induced IL-8 Expression in Human Endothelial Cells. <i>Journal of Immunology</i> , 2008, 180, 5636-5644.	0.8	44
44	Novel role of cannabinoid receptor 2 in inhibiting EGF/EGFR and IGF-I/IGF-IR pathways in breast cancer. <i>Oncotarget</i> , 2017, 8, 29668-29678.	1.8	44
45	CXCR4/CCR5 Down-modulation and Chemotaxis Are Regulated by the Proteasome Pathway. <i>Journal of Biological Chemistry</i> , 2002, 277, 18111-18117.	3.4	42
46	Fatty acid binding protein 5 promotes metastatic potential of triple negative breast cancer cells through enhancing epidermal growth factor receptor stability. <i>Oncotarget</i> , 2015, 6, 6373-6385.	1.8	42
47	Macrophage migration inhibitory factor inhibition as a novel therapeutic approach against triple-negative breast cancer. <i>Cell Death and Disease</i> , 2020, 11, 774.	6.3	39
48	Activation of the Connective Tissue Growth Factor (CTGF)-Transforming Growth Factor $\beta$ 1 (TGF- $\beta$ 1) Axis in Hepatitis C Virus-Expressing Hepatocytes. <i>PLoS ONE</i> , 2012, 7, e46526.	2.5	38
49	Structural proteins of Hepatitis C virus induce interleukin 8 production and apoptosis in human endothelial cells. <i>Journal of General Virology</i> , 2005, 86, 3291-3301.	2.9	37
50	Melanoma Cell Expression of CD200 Inhibits Tumor Formation and Lung Metastasis via Inhibition of Myeloid Cell Functions. <i>PLoS ONE</i> , 2012, 7, e31442.	2.5	37
51	Endothelial Robo4 suppresses breast cancer growth and metastasis through regulation of tumor angiogenesis. <i>Molecular Oncology</i> , 2016, 10, 272-281.	4.6	37
52	c-Src Mediates Mitogenic Signals and Associates with Cytoskeletal Proteins upon Vascular Endothelial Growth Factor Stimulation in Kaposi's Sarcoma Cells. <i>Journal of Immunology</i> , 2000, 164, 1169-1174.	0.8	36
53	Tumor-suppressive Effects of Psoriasin (S100A7) Are Mediated through the $\beta$ -Catenin/T Cell Factor 4 Protein Pathway in Estrogen Receptor-positive Breast Cancer Cells. <i>Journal of Biological Chemistry</i> , 2011, 286, 44845-44854.	3.4	36
54	S100A7-Downregulation Inhibits Epidermal Growth Factor-Induced Signaling in Breast Cancer Cells and Blocks Osteoclast Formation. <i>PLoS ONE</i> , 2008, 3, e1741.	2.5	34

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55	Enhanced peripheral dopamine impairs post-ischemic healing by suppressing angiotensin receptor type 1 expression in endothelial cells and inhibiting angiogenesis. <i>Angiogenesis</i> , 2017, 20, 97-107.	7.2	33
56	Slit2 Inhibits Breast Cancer Metastasis by Activating M1-Like Phagocytic and Antifibrotic Macrophages. <i>Cancer Research</i> , 2021, 81, 5255-5267.	0.9	33
57	Conditioning solid tumor microenvironment through inflammatory chemokines and S100 family proteins. <i>Cancer Letters</i> , 2015, 365, 11-22.	7.2	32
58	Abrupt involution induces inflammation, estrogenic signaling, and hyperplasia linking lack of breastfeeding with increased risk of breast cancer. <i>Breast Cancer Research</i> , 2019, 21, 80.	5.0	32
59	STAT1 gene deficient mice develop accelerated breast cancer growth and metastasis which is reduced by IL-17 blockade. <i>Oncolmmunology</i> , 2017, 6, e1361088.	4.6	30
60	Clustering, Spatial Distribution, and Phosphorylation of Discoidin Domain Receptors 1 and 2 in Response to Soluble Collagen I. <i>Journal of Molecular Biology</i> , 2019, 431, 368-390.	4.2	30
61	Cbl and Akt regulate CXCL8-induced and CXCR1- and CXCR2-mediated chemotaxis. <i>International Immunology</i> , 2006, 18, 1315-1325.	4.0	29
62	The Roles of Stroma-Derived Chemokine in Different Stages of Cancer Metastases. <i>Frontiers in Immunology</i> , 2020, 11, 598532.	4.8	25
63	Cannabidiol Inhibits Tumorigenesis in Cisplatin-Resistant Non-Small Cell Lung Cancer via TRPV2. <i>Cancers</i> , 2022, 14, 1181.	3.7	25
64	A Novel Mechanism of Indole-3-Carbinol Effects on Breast Carcinogenesis Involves Induction of Cdc25A Degradation. <i>Cancer Prevention Research</i> , 2010, 3, 818-828.	1.5	24
65	N-terminal Slit2 inhibits HIV-1 replication by regulating the actin cytoskeleton. <i>Retrovirology</i> , 2013, 10, 2.	2.0	24
66	miR-29b defines the pro-/anti-proliferative effects of S100A7 in breast cancer. <i>Molecular Cancer</i> , 2015, 14, 11.	19.2	24
67	Electromagnetic fields alter the motility of metastatic breast cancer cells. <i>Communications Biology</i> , 2019, 2, 303.	4.4	24
68	HIV-1 gp120-mediated Apoptosis of T Cells Is Regulated by the Membrane Tyrosine Phosphatase CD45. <i>Journal of Biological Chemistry</i> , 2006, 281, 12289-12299.	3.4	23
69	cPLA2 blockade attenuates S100A7-mediated breast tumorigenicity by inhibiting the immunosuppressive tumor microenvironment. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, 54.	8.6	23
70	Differential role of psoriasin (S100A7) in estrogen receptor $\hat{\pm}$ positive and negative breast cancer cells occur through actin remodeling. <i>Breast Cancer Research and Treatment</i> , 2013, 138, 727-739.	2.5	19
71	CDK4 deficiency promotes genomic instability and enhances Myc-driven lymphomagenesis. <i>Journal of Clinical Investigation</i> , 2014, 124, 1672-84.	8.2	18
72	Cannabinoid Signaling in Cancer. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1162, 51-61.	1.6	16

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73	Molecular and Cellular Factors Associated with Racial Disparity in Breast Cancer. International Journal of Molecular Sciences, 2020, 21, 5936.	4.1	13
74	Cannabinoids Inhibit the CXCL12-Induced Migration of T Lymphocytes.. Blood, 2004, 104, 2667-2667.	1.4	12
75	Non-contact method for directing electrotaxis. Scientific Reports, 2015, 5, 11005.	3.3	11
76	RAGE: A novel target for breast cancer growth and metastasis. Oncoscience, 2016, 3, 52-53.	2.2	10
77	Underlying Pathophysiology of HCV Infection in HIV-Positive Drug Users. Journal of Addictive Diseases, 2008, 27, 75-82.	1.3	9
78	Lipopolysaccharide from the commensal microbiota of the breast enhances cancer growth: role of S100A7 and TLR4. Molecular Oncology, 2022, 16, 1508-1522.	4.6	9
79	Activity of Estrogen Receptor $\beta$ Agonists in Therapy-Resistant Estrogen Receptor-Positive Breast Cancer. Frontiers in Oncology, 2022, 12, 857590.	2.8	9
80	Association of newly identified genetic variant rs2853677 of TERT with non-small cell lung cancer and leukemia in population of Jammu and Kashmir, India. BMC Cancer, 2019, 19, 493.	2.6	7
81	Cancer Treatment: Preclinical & Clinical. Journal of the National Cancer Institute Monographs, 2021, 2021, 107-113.	2.1	7
82	Psoriasis (S100A7): a novel mediator of angiogenesis. British Journal of Dermatology, 2016, 175, 1141-1142.	1.5	5
83	Slit2-Mediated Metabolic Reprogramming in Bone Marrow-Derived Macrophages Enhances Antitumor Immunity. Frontiers in Immunology, 2021, 12, 753477.	4.8	5
84	The Adaptor Protein SLP-76 Regulates HIV-1 Release and Cell-to-Cell Transmission in T Cells. Journal of Immunology, 2012, 188, 2769-2777.	0.8	4
85	Genomic Analysis of an Obesity Paradox: A Microarray Study of the Aortas of Morbidly Obese Decedents With Mild and Severe Atherosclerosis. Critical Pathways in Cardiology, 2019, 18, 57-60.	0.5	4
86	Racially Disparate Expression of mTOR/ERK-1/2 Allied Proteins in Cancer. Frontiers in Cell and Developmental Biology, 2021, 9, 601929.	3.7	4
87	Contribution of the tumor and obese microenvironment to triple negative breast cancer. Cancer Letters, 2021, 509, 115-120.	7.2	3
88	Slit2/Robo1 signaling inhibits small cell lung cancer by targeting $\beta$ -catenin signaling in tumor cells and macrophages. Molecular Oncology, 2023, 17, 839-856.	4.6	3
89	Directional Migration of Breast Cancer Cells Hindered by Induced Electric Fields May Be Due to Accompanying Alteration of Metabolic Activity. Bioelectricity, 2021, 3, 92-100.	1.1	1
90	HCV and HIV Envelope Proteins Co-Operatively Induce Fas-Mediated Apoptosis Via a Novel Stat1 Signaling Pathway.. Blood, 2004, 104, 604-604.	1.4	1

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91	Akt Regulates the Activation-Induced Apoptosis of T Cells Mediated by HIV-1 gp120.. Blood, 2004, 104, 3109-3109.	1.4	1
92	Cbl Regulates CXCR4-Mediated Chemotaxis and CXCR4 Receptor Internalization.. Blood, 2004, 104, 2658-2658.	1.4	0
93	The Tyrosine Kinase, Pyk2/RAFTK, Mediates LPS-Induced IL-8 and MCP-1 Expression in Human Endothelial Cells.. Blood, 2006, 108, 1820-1820.	1.4	0
94	Modulation of Dendritic Cell Chemotaxis by HIV-gp120.. Blood, 2006, 108, 1252-1252.	1.4	0
95	S-100 Proteins. , 2015, , 1-9.		0
96	S-100 Proteins. , 2015, , 4111-4117.		0
97	NON-CONTACT ELECTRIC FIELDS POTENTLY HINDER EGF PROMOTED BREAST CANCER MOTILITY BY DOWNREGULATING EGFR PHOSPHORYLATION. FASEB Journal, 2018, 32, .	0.5	0
98	Macrophage migration inhibitory factor (MIF):A novel therapeutic target against aggressive breast cancer. FASEB Journal, 2019, 33, 674.3.	0.5	0
99	Editorial: Inflammation and Myeloid Cells in Cancer Progression and Metastasis. Frontiers in Cell and Developmental Biology, 2022, 10, 913595.	3.7	0