

Ganji Purnachandra Nagaraju

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136
papers

3,367
citations

32
h-index

54
g-index

165
ext. papers

4,097
ext. citations

6.2
avg, IF

5.88
L-index

#	Paper	IF	Citations
136	Broad targeting of angiogenesis for cancer prevention and therapy. <i>Seminars in Cancer Biology</i> , 2015 , 35 Suppl, S224-S243	12.7	314
135	Reproductive regulators in decapod crustaceans: an overview. <i>Journal of Experimental Biology</i> , 2011 , 214, 3-16	3	205
134	Designing a broad-spectrum integrative approach for cancer prevention and treatment. <i>Seminars in Cancer Biology</i> , 2015 , 35 Suppl, S276-S304	12.7	179
133	Is methyl farnesoate a crustacean hormone?. <i>Aquaculture</i> , 2007 , 272, 39-54	4.4	131
132	Matrix metalloproteinases: their functional role in lung cancer. <i>Carcinogenesis</i> , 2017 , 38, 766-780	4.6	93
131	Molecular mechanisms underlying the divergent roles of SPARC in human carcinogenesis. <i>Carcinogenesis</i> , 2014 , 35, 967-73	4.6	88
130	ADIPOQ/adiponectin induces cytotoxic autophagy in breast cancer cells through STK11/LKB1-mediated activation of the AMPK-ULK1 axis. <i>Autophagy</i> , 2017 , 13, 1386-1403	10.2	86
129	Tumor microenvironment: Challenges and opportunities in targeting metastasis of triple negative breast cancer. <i>Pharmacological Research</i> , 2020 , 153, 104683	10.2	85
128	FAK activation is required for IGF1R-mediated regulation of EMT, migration, and invasion in mesenchymal triple negative breast cancer cells. <i>Oncotarget</i> , 2015 , 6, 4757-72	3.3	83
127	Hypoxia inducible factor-1β Its role in colorectal carcinogenesis and metastasis. <i>Cancer Letters</i> , 2015 , 366, 11-8	9.9	80
126	Novel synthetic curcumin analogues EF31 and UBS109 are potent DNA hypomethylating agents in pancreatic cancer. <i>Cancer Letters</i> , 2013 , 341, 195-203	9.9	68
125	The impact of curcumin on breast cancer. <i>Integrative Biology (United Kingdom)</i> , 2012 , 4, 996-1007	3.7	61
124	Antiangiogenic effects of a novel synthetic curcumin analogue in pancreatic cancer. <i>Cancer Letters</i> , 2015 , 357, 557-65	9.9	59
123	Heat shock protein 90 promotes epithelial to mesenchymal transition, invasion, and migration in colorectal cancer. <i>Molecular Carcinogenesis</i> , 2015 , 54, 1147-58	5	59
122	Understanding novel COVID-19: Its impact on organ failure and risk assessment for diabetic and cancer patients. <i>Cytokine and Growth Factor Reviews</i> , 2020 , 53, 43-52	17.9	58
121	Antiangiogenic effects of ganetespib in colorectal cancer mediated through inhibition of HIF-1α and STAT-3. <i>Angiogenesis</i> , 2013 , 16, 903-17	10.6	58
120	Role of hypoxia-inducible factors (HIF) in the maintenance of stemness and malignancy of colorectal cancer. <i>Critical Reviews in Oncology/Hematology</i> , 2017 , 113, 22-27	7	57

119	Pleiotropic effects of genistein in metabolic, inflammatory, and malignant diseases. <i>Nutrition Reviews</i> , 2013 , 71, 562-72	6.4	55
118	Lifelong running reduces oxidative stress and degenerative changes in the testes of mice. <i>Journal of Endocrinology</i> , 2008 , 199, 333-41	4.7	53
117	Anti-cancer role of SPARC, an inhibitor of adipogenesis. <i>Cancer Treatment Reviews</i> , 2011 , 37, 559-66	14.4	52
116	Involvement of Methyl Farnesoate in the Regulation of Molting and Reproduction in the Freshwater Crab <i>Oziotelphusa Senex Senex</i> . <i>Journal of Crustacean Biology</i> , 2004 , 24, 511-515	0.8	52
115	Evolution of CaGd ₂ ZnO ₅ :Eu ³⁺ nanostructures for rapid visualization of latent fingerprints. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 4246-4256	7.1	49
114	Combination of tolfenamic acid and curcumin induces colon cancer cell growth inhibition through modulating specific transcription factors and reactive oxygen species. <i>Oncotarget</i> , 2016 , 7, 3186-200	3.3	46
113	Inhibition of NF- κ B translocation by curcumin analogs induces G0/G1 arrest and downregulates thymidylate synthase in colorectal cancer. <i>Cancer Letters</i> , 2016 , 373, 227-33	9.9	44
112	HSP90 inhibition downregulates thymidylate synthase and sensitizes colorectal cancer cell lines to the effect of 5FU-based chemotherapy. <i>Oncotarget</i> , 2014 , 5, 9980-91	3.3	43
111	Molecular cloning and sequence of retinoid X receptor in the green crab <i>Carcinus maenas</i> : a possible role in female reproduction. <i>Journal of Endocrinology</i> , 2011 , 210, 379-90	4.7	39
110	Aquaporins: Their role in gastrointestinal malignancies. <i>Cancer Letters</i> , 2016 , 373, 12-18	9.9	37
109	Small molecule tolfenamic acid and dietary spice curcumin treatment enhances antiproliferative effect in pancreatic cancer cells via suppressing Sp1, disrupting NF- κ B translocation to nucleus and cell cycle phase distribution. <i>Journal of Nutritional Biochemistry</i> , 2016 , 31, 77-87	6.3	33
108	In vitro methyl farnesoate secretion by mandibular organs isolated from different molt and reproductive stages of the crab <i>Oziotelphusa senex senex</i> . <i>Fisheries Science</i> , 2006 , 72, 410-414	1.9	33
107	The role of adiponectin in obesity-associated female-specific carcinogenesis. <i>Cytokine and Growth Factor Reviews</i> , 2016 , 31, 37-48	17.9	33
106	Specificity protein 1: Its role in colorectal cancer progression and metastasis. <i>Critical Reviews in Oncology/Hematology</i> , 2017 , 113, 1-7	7	32
105	Methyl farnesoate stimulates gonad development in <i>Macrobrachium malcolmsonii</i> (H. Milne Edwards) (Decapoda, Palaemonidae). <i>Crustaceana</i> , 2003 , 76, 1171-1178	0.4	32
104	The synthesis and effects of prostaglandins on the ovary of the crab <i>Oziotelphusa senex senex</i> . <i>General and Comparative Endocrinology</i> , 2004 , 135, 35-41	3	32
103	Targeting the Janus-activated kinase-2-STAT3 signalling pathway in pancreatic cancer using the HSP90 inhibitor ganetespib. <i>European Journal of Cancer</i> , 2016 , 52, 109-19	7.5	31
102	Imaging and curcumin delivery in pancreatic cancer cell lines using PEGylated $\text{EGd}_2(\text{MoO}_4)_3$ mesoporous particles. <i>Dalton Transactions</i> , 2014 , 43, 3330-8	4.3	30

101	CHD7 expression predicts survival outcomes in patients with resected pancreatic cancer. <i>Cancer Research</i> , 2014 , 74, 2677-87	10.1	30
100	Mandibular organ: its relation to body weight, sex, molt and reproduction in the crab, <i>Oziotelphusa senex senex</i> Fabricius (1791). <i>Aquaculture</i> , 2004 , 232, 603-612	4.4	30
99	Novel synthetic curcumin analogs as potent antiangiogenic agents in colorectal cancer. <i>Molecular Carcinogenesis</i> , 2017 , 56, 288-299	5	29
98	Folate-conjugated nanovehicles: Strategies for cancer therapy. <i>Materials Science and Engineering C</i> , 2020 , 107, 110341	8.3	29
97	Inhibition of HSP90 overcomes resistance to chemotherapy and radiotherapy in pancreatic cancer. <i>International Journal of Cancer</i> , 2019 , 145, 1529-1537	7.5	28
96	PEGylated $\text{Gd}_2(\text{MoO}_4)_3$ Mesoporous Flowers: Synthesis, Characterization, and Biological Application. <i>Crystal Growth and Design</i> , 2013 , 13, 4051-4058	3.5	28
95	Advanced glycation end products in diabetes, cancer and phytochemical therapy. <i>Drug Discovery Today</i> , 2020 , 25, 1614-1623	8.8	27
94	Adiponectin: Its role in obesity-associated colon and prostate cancers. <i>Critical Reviews in Oncology/Hematology</i> , 2017 , 116, 125-133	7	26
93	Role of adiponectin in obesity related gastrointestinal carcinogenesis. <i>Cytokine and Growth Factor Reviews</i> , 2015 , 26, 83-93	17.9	26
92	Engineered nanoparticles for imaging and drug delivery in colorectal cancer. <i>Seminars in Cancer Biology</i> , 2021 , 69, 293-306	12.7	26
91	SPARC and DNA methylation: possible diagnostic and therapeutic implications in gastrointestinal cancers. <i>Cancer Letters</i> , 2013 , 328, 10-7	9.9	23
90	Molecular docking studies of angiogenesis target protein HIF-1 α and genistein in breast cancer. <i>Gene</i> , 2019 , 701, 169-172	3.8	21
89	Methyl farnesoate couples environmental changes to testicular development in the crab <i>Carcinus maenas</i> . <i>Journal of Experimental Biology</i> , 2008 , 211, 2773-8	3	19
88	Curcumin analogs: Their roles in pancreatic cancer growth and metastasis. <i>International Journal of Cancer</i> , 2019 , 145, 10-19	7.5	19
87	Cyclooxygenase-2 in gastrointestinal malignancies. <i>Cancer</i> , 2019 , 125, 1221-1227	6.4	18
86	Folate-targeted immunotherapies: Passive and active strategies for cancer. <i>Cytokine and Growth Factor Reviews</i> , 2019 , 45, 45-52	17.9	17
85	SPARC expression induces cell cycle arrest via STAT3 signaling pathway in medulloblastoma cells. <i>Biochemical and Biophysical Research Communications</i> , 2012 , 417, 874-9	3.4	17
84	Horizons of nanotechnology applications in female specific cancers. <i>Seminars in Cancer Biology</i> , 2021 , 69, 376-390	12.7	17

83	Epigenetic effects of inhibition of heat shock protein 90 (HSP90) in human pancreatic and colon cancer. <i>Cancer Letters</i> , 2017 , 402, 110-116	9.9	16
82	Targeting autophagy in gastrointestinal malignancy by using nanomaterials as drug delivery systems. <i>Cancer Letters</i> , 2018 , 419, 222-232	9.9	16
81	TPAOH assisted size-tunable GdO@mSi core-shell nanostructures for multifunctional biomedical applications. <i>Chemical Communications</i> , 2018 , 54, 747-750	5.8	15
80	Investigational agents to enhance the efficacy of chemotherapy or radiation in pancreatic cancer. <i>Critical Reviews in Oncology/Hematology</i> , 2018 , 126, 201-207	7	15
79	The dynamic interactions between the stroma, pancreatic stellate cells and pancreatic tumor development: Novel therapeutic targets. <i>Cytokine and Growth Factor Reviews</i> , 2019 , 48, 11-23	17.9	15
78	Inhibiting heat shock protein 90 and the ubiquitin-proteasome pathway impairs metabolic homeostasis and leads to cell death in human pancreatic cancer cells. <i>Cancer</i> , 2017 , 123, 4924-4933	6.4	15
77	Nanomaterials multifunctional behavior for enlightened cancer therapeutics. <i>Seminars in Cancer Biology</i> , 2021 , 69, 178-189	12.7	15
76	5-Lipoxygenase: Its involvement in gastrointestinal malignancies. <i>Critical Reviews in Oncology/Hematology</i> , 2018 , 127, 50-55	7	15
75	Effects of naloxone, serotonin, and dopamine on reproduction of the freshwater crab <i>Barytelphusa guerini</i> . <i>Journal of Experimental Zoology</i> , 2014 , 321, 173-82		13
74	Crustacean hyperglycemic hormone precursor transcripts in the hemocytes of the crayfish <i>Procambarus clarkii</i> : novel sequence characteristics relating to gene splicing pattern and transcript stability. <i>General and Comparative Endocrinology</i> , 2013 , 186, 80-4	3	13
73	Molecular docking analysis of nuclear factor- B and genistein interaction in the context of breast cancer. <i>Bioinformation</i> , 2019 , 15, 11-17	1.1	13
72	Small molecule tyrosine kinase inhibitors and pancreatic cancer-Trials and troubles. <i>Seminars in Cancer Biology</i> , 2019 , 56, 149-167	12.7	13
71	Nanoparticles guided drug delivery and imaging in gastric cancer. <i>Seminars in Cancer Biology</i> , 2021 , 69, 69-76	12.7	13
70	Reactive oxygen species (ROS): Critical roles in breast tumor microenvironment. <i>Critical Reviews in Oncology/Hematology</i> , 2021 , 160, 103285	7	12
69	Phase 1b study of pasireotide, everolimus, and selective internal radioembolization therapy for unresectable neuroendocrine tumors with hepatic metastases. <i>Cancer</i> , 2018 , 124, 1992-2000	6.4	11
68	Yolk protein expression in the green crab, <i>Carcinus maenas</i> . <i>Aquaculture</i> , 2010 , 298, 325-331	4.4	11
67	Structural prediction and analysis of VIH-related peptides from selected crustacean species. <i>Bioinformation</i> , 2009 , 4, 6-11	1.1	11
66	Heat Shock Protein-90 Inhibition Alters Activation of Pancreatic Stellate Cells and Enhances the Efficacy of PD-1 Blockade in Pancreatic Cancer. <i>Molecular Cancer Therapeutics</i> , 2021 , 20, 150-160	6.1	11

65	MicroRNAs as biomarkers and prospective therapeutic targets in colon and pancreatic cancers. <i>Tumor Biology</i> , 2016 , 37, 97-104	2.9	10
64	Epigenetics in hepatocellular carcinoma. <i>Seminars in Cancer Biology</i> , 2021 ,	12.7	10
63	Resveratrol binds and inhibits transcription factor HIF-1 α in pancreatic cancer. <i>Experimental Cell Research</i> , 2020 , 394, 112126	4.2	9
62	Biomarkers for personalized medicine in GI cancers. <i>Molecular Aspects of Medicine</i> , 2015 , 45, 14-27	16.7	9
61	Colorectal Cancer Biology, Diagnosis, and Therapeutic Approaches. <i>Critical Reviews in Oncogenesis</i> , 2020 , 25, 71-94	1.3	9
60	Aquaporins in female specific cancers. <i>Gene</i> , 2019 , 700, 60-64	3.8	8
59	Napabucasin (BBI 608), a potent chemoradiosensitizer in rectal cancer. <i>Cancer</i> , 2020 , 126, 3360-3371	6.4	8
58	Exposure to exogenous enkephalins disrupts reproductive development in the Eastern lubber grasshopper, <i>Romalea microptera</i> (Insecta: Orthoptera). <i>PLoS ONE</i> , 2012 , 7, e51126	3.7	8
57	Nanotheranostics: Their role in hepatocellular carcinoma. <i>Critical Reviews in Oncology/Hematology</i> , 2020 , 151, 102968	7	7
56	Pre-ouzo effect derived fergusonite gadolinium ortho-niobate mesoporous nanospheroids for multimodal bioimaging and photodynamic therapy. <i>Applied Surface Science</i> , 2020 , 505, 144584	6.7	7
55	Abstract 3828: Potent curcumin analogues inhibit pancreatic cancer cell growth and angiogenesis 2012 ,		6
54	Inhibition of breast cancer metastasis to the lungs with UBS109. <i>Oncotarget</i> , 2018 , 9, 36102-36109	3.3	6
53	Computational analysis of the structural basis of ligand binding to the crustacean retinoid X receptor. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2010 , 5, 317-24	2	5
52	HIF-1 α and RKIP: a computational approach for pancreatic cancer therapy. <i>Molecular and Cellular Biochemistry</i> , 2020 , 472, 95-103	4.2	4
51	Computational analysis and structure predictions of CHH-related peptides from <i>Litopenaeus vannamei</i> . <i>Integrative Biology (United Kingdom)</i> , 2011 , 3, 218-24	3.7	4
50	Developing histone deacetylase inhibitors in the therapeutic armamentarium of pancreatic adenocarcinoma. <i>Expert Opinion on Therapeutic Targets</i> , 2012 , 16, 707-18	6.4	4
49	Is Adipose Tissue an Immunological Organ?. <i>Critical Reviews in Immunology</i> , 2019 , 39, 481-490	1.8	4
48	Computational analysis of nuclear factor- κ B and resveratrol in colorectal cancer. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021 , 39, 2914-2922	3.6	4

47	Current Perspectives on Rhizobacterial-EPS interactions in Alleviation of Stress Responses: Novel Strategies for Sustainable Agricultural Productivity 2018 , 33-55		4
46	Establishment of human metastatic colorectal cancer model in rabbit liver: A pilot study. <i>PLoS ONE</i> , 2017 , 12, e0177212	3.7	3
45	Extracellular Polysaccharide Production by Bacteria as a Mechanism of Toxic Heavy Metal Biosorption and Biosequestration in the Marine Environment 2017 , 67-85		3
44	Contemporary clinical trials in pancreatic cancer immunotherapy targeting PD-1 and PD-L1. <i>Seminars in Cancer Biology</i> , 2021 ,	12.7	3
43	Biology, pathophysiology, and epidemiology of pancreatic cancer 2019 , 1-50		3
42	Metagenomic Approaches in Understanding the Mechanism and Function of PGPRs: Perspectives for Sustainable Agriculture 2017 , 163-182		2
41	Organotin-induced hyperglycemia in the crab, <i>Oziotelphusa senex senex</i> Fabricius. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2001 , 56, 315-7	1.7	2
40	Transcription Factors in Gastrointestinal Malignancies 2017 , 1-3		2
39	Understanding the function of the tumor microenvironment, and compounds from marine organisms for breast cancer therapy. <i>World Journal of Biological Chemistry</i> , 2021 , 12, 15-37	3.8	2
38	Epigenetics and therapeutic targets in gastrointestinal malignancies. <i>Drug Discovery Today</i> , 2021 , 26, 2303-2314	8.8	2
37	Curcumin and Genistein Enhance the Sensitivity of Pancreatic Cancer to Chemotherapy 2019 , 87-109		1
36	Interaction of heat shock protein 90 with hypoxia inducible factor and signal transducer and activator of transcription in colon cancer. <i>Process Biochemistry</i> , 2019 , 86, 151-158	4.8	1
35	Curcumin and Genistein Role in Regulation of STAT-3 in Pancreatic Cancer 2017 , 427-435		1
34	Theranostic role of RKIP in cancer 2020 , 415-434		1
33	Hypoxia-Inducible Factor (HIF)-1 α and Its Regulation in Pancreatic Cancer 2017 , 371-378		1
32	Targeting Transcriptional Factors in Gastrointestinal Cancers and Future Prospective 2017 , 509-517		1
31	Exosomes as therapeutic solutions for pancreatic cancer. <i>Drug Discovery Today</i> , 2020 , 25, 2245-2256	8.8	1
30	Resveratrol binds and activates RKIP protein in colorectal cancer. <i>Amino Acids</i> , 2020 , 52, 1299-1306	3.5	1

29	Maternal and infant MTHFR gene polymorphisms and non-syndromic oral cleft susceptibility: An updated meta-analysis. <i>Process Biochemistry</i> , 2020 , 89, 81-88	4.8	1
28	EGFR and FGFR in Growth and Metastasis of Colorectal Cancer 2018 , 141-170		1
27	Targeting T regulatory cells: their role in colorectal carcinoma progression and current clinical trials.. <i>Pharmacological Research</i> , 2022 , 106197	10.2	1
26	Clinical and Immunogenetic Aspects of Systemic Lupus Erythematosus. <i>Critical Reviews in Immunology</i> , 2019 , 39, 343-360	1.8	0
25	COVID-19: Where is the treatment?. <i>World Journal of Clinical Oncology</i> , 2021 , 12, 309-322	2.5	0
24	Pathophysiology, Etiology, Epidemiology of Type 1 Diabetes and Computational Approaches for Immune Targets and Therapy. <i>Critical Reviews in Immunology</i> , 2019 , 39, 239-265	1.8	0
23	Pancreatic cancer resistance to chemotherapy: resensitization strategies using resveratrol 2019 , 171-194		0
22	Current knowledge on drug resistance and therapeutic approaches to eliminate pancreatic cancer stem cells 2019 , 69-80		0
21	Association between the Circadian Clock and the Tumor Microenvironment in Breast Cancer.. <i>Critical Reviews in Oncogenesis</i> , 2021 , 26, 43-51	1.3	0
20	Genistein and Its Role in Regulation of AP-1 in Colorectal Cancer 2017 , 101-106		
19	Curcumin Suppresses Colorectal Cancer Growth and Metastasis by Inhibiting NF- κ B Activity 2017 , 263-267		
18	Novel tetracycline SBR-22 is a functional moiety deviation and bioactive against multidrug resistant strains. <i>Process Biochemistry</i> , 2019 , 85, 213-218	4.8	
17	Optimization of Cultural Conditions for Marine Microbial Biosurfactant Production: Future Prospects from Untapped Marine Resources 2017 , 105-128		
16	Targeting Pathways in GI Malignancies. <i>Diagnostics and Therapeutic Advances in GI Malignancies</i> , 2020 , 1-14	0.2	
15	Role of Selected Transcription Factors in Pancreatic and Colorectal Cancer Growth and Metastasis. <i>Diagnostics and Therapeutic Advances in GI Malignancies</i> , 2020 , 193-207	0.2	
14	EGFR and Its Role in Colorectal Cancer 2018 , 171-178		
13	EGFR and Cytoplasmic Kinase Src Targeting in Pancreatic Cancer 2018 , 97-105		
12	PIK3-AKT and Its Role in Pancreatic Cancer 2018 , 57-61		

- 11 The Role of Hypoxia Inducible Factor-1 α in Pancreatic Cancer and Diabetes Mellitus **2019**, 173-181
- 10 Targeting Mitochondrial Enzymes in Pancreatic Cancer **2019**, 95-110
- 9 DNA Fingerprint Technology: Its Application in Detecting Pancreatic Cancer. *Critical Reviews in Oncogenesis*, **2019**, 24, 133-137 1.3
- 8 Biology of Pancreas and Possible Diseases **2019**, 1-25
- 7 Diabetes with Pancreatic Ductal Adenocarcinoma **2019**, 111-131
- 6 Adiponectin Signaling in Colorectal Cancer. *Diagnostics and Therapeutic Advances in GI Malignancies*, **2020**, 29-48 0.2
- 5 YY1 and KLF4: Their Role in Gastrointestinal Malignancies **2017**, 5-17
- 4 NF- κ B: Its Role in Pancreatic Cancer **2017**, 327-339
- 3 Role of Curcumin: A Suppressor of NF- κ B Activity in Hepatocellular Carcinoma **2017**, 437-447
- 2 Development of plasmid-lipid complexes for direct intratumoral injection. *Methods in Molecular Biology*, **2014**, 1139, 467-76 1.4
- 1 VEGFR and PDGFR Targeting in Pancreatic Cancer **2018**, 83-96