

Vinod Gopalan

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

128
papers

2,930
citations

32
h-index

48
g-index

133
ext. papers

3,522
ext. citations

4.3
avg, IF

5.68
L-index

#	Paper	IF	Citations
128	Carcinoma ex pleomorphic adenoma: a comprehensive review of clinical, pathological and molecular data. <i>Head and Neck Pathology</i> , 2012 , 6, 1-9	3.3	141
127	Horizontal transfer of whole mitochondria restores tumorigenic potential in mitochondrial DNA-deficient cancer cells. <i>ELife</i> , 2017 , 6,	8.9	141
126	miR-126 in human cancers: clinical roles and current perspectives. <i>Experimental and Molecular Pathology</i> , 2014 , 96, 98-107	4.4	125
125	Quantum dot-based sensitive detection of disease specific exosome in serum. <i>Analyst, The</i> , 2017 , 142, 2211-2219	5	104
124	Translational potential of cancer stem cells: A review of the detection of cancer stem cells and their roles in cancer recurrence and cancer treatment. <i>Experimental Cell Research</i> , 2015 , 335, 135-47	4.2	91
123	Cancer stem cell: fundamental experimental pathological concepts and updates. <i>Experimental and Molecular Pathology</i> , 2015 , 98, 184-91	4.4	82
122	An amplification-free electrochemical detection of exosomal miRNA-21 in serum samples. <i>Analyst, The</i> , 2018 , 143, 1662-1669	5	78
121	Updates on the genetics and the clinical impacts on pheochromocytoma and paraganglioma in the new era. <i>Critical Reviews in Oncology/Hematology</i> , 2016 , 100, 190-208	7	73
120	Gold-loaded nanoporous superparamagnetic nanocubes for catalytic signal amplification in detecting miRNA. <i>Chemical Communications</i> , 2017 , 53, 8231-8234	5.8	63
119	Gold-loaded nanoporous ferric oxide nanocubes for electrocatalytic detection of microRNA at attomolar level. <i>Biosensors and Bioelectronics</i> , 2018 , 101, 275-281	11.8	60
118	Genetic alterations in Krebs cycle and its impact on cancer pathogenesis. <i>Biochimie</i> , 2017 , 135, 164-172	4.6	59
117	Diffuse sclerosing variant of papillary thyroid carcinoma--an update of its clinicopathological features and molecular biology. <i>Critical Reviews in Oncology/Hematology</i> , 2015 , 94, 64-73	7	58
116	The Identifications and Clinical Implications of Cancer Stem Cells in Colorectal Cancer. <i>Clinical Colorectal Cancer</i> , 2017 , 16, 93-102	3.8	52
115	Cancer stem cells in oesophageal squamous cell carcinoma: Identification, prognostic and treatment perspectives. <i>Critical Reviews in Oncology/Hematology</i> , 2015 , 96, 9-19	7	52
114	Downregulation of microRNA-498 in colorectal cancers and its cellular effects. <i>Experimental Cell Research</i> , 2015 , 330, 423-428	4.2	51
113	MicroRNA-186-5p overexpression modulates colon cancer growth by repressing the expression of the FAM134B tumour inhibitor. <i>Experimental Cell Research</i> , 2017 , 357, 260-270	4.2	50
112	Detection of regional DNA methylation using DNA-graphene affinity interactions. <i>Biosensors and Bioelectronics</i> , 2017 , 87, 615-621	11.8	49

111	Signet-ring cell carcinoma of colorectum--current perspectives and molecular biology. <i>International Journal of Colorectal Disease</i> , 2011 , 26, 127-33	3	49
110	Deregulation of miR-126 expression in colorectal cancer pathogenesis and its clinical significance. <i>Experimental Cell Research</i> , 2015 , 339, 333-41	4.2	42
109	Regulation of microRNA-1288 in colorectal cancer: altered expression and its clinicopathological significance. <i>Molecular Carcinogenesis</i> , 2014 , 53 Suppl 1, E36-44	5	42
108	Clinicopathological significance of synchronous carcinoma in colorectal cancer. <i>American Journal of Surgery</i> , 2011 , 202, 39-44	2.7	42
107	Co-regulatory potential of vascular endothelial growth factor-A and vascular endothelial growth factor-C in thyroid carcinoma. <i>Human Pathology</i> , 2013 , 44, 2204-12	3.7	39
106	The role of heme iron molecules derived from red and processed meat in the pathogenesis of colorectal carcinoma. <i>Critical Reviews in Oncology/Hematology</i> , 2018 , 126, 121-128	7	38
105	Optical biosensing strategies for DNA methylation analysis. <i>Biosensors and Bioelectronics</i> , 2017 , 92, 668-678	6.8	38
104	Gold-loaded nanoporous iron oxide nanocubes: a novel dispersible capture agent for tumor-associated autoantibody analysis in serum. <i>Nanoscale</i> , 2017 , 9, 8805-8814	7.7	36
103	Hereditary breast cancer; Genetic penetrance and current status with BRCA. <i>Journal of Cellular Physiology</i> , 2019 , 234, 5741-5750	7	35
102	A PCR-free electrochemical method for messenger RNA detection in cancer tissue samples. <i>Biosensors and Bioelectronics</i> , 2017 , 98, 227-233	11.8	34
101	Stage dependent expression and tumor suppressive function of FAM134B (JK1) in colon cancer. <i>Molecular Carcinogenesis</i> , 2017 , 56, 238-249	5	33
100	MiR-142-5p act as an oncogenic microRNA in colorectal cancer: Clinicopathological and functional insights. <i>Experimental and Molecular Pathology</i> , 2018 , 104, 98-107	4.4	33
99	Intestinal microbiota and its association with colon cancer and red/processed meat consumption. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2021 , 36, 75-88	4	33
98	RETREG1 (FAM134B): A new player in human diseases: 15 years after the discovery in cancer. <i>Journal of Cellular Physiology</i> , 2018 , 233, 4479-4489	7	33
97	The roles of JK-1 (FAM134B) expressions in colorectal cancer. <i>Experimental Cell Research</i> , 2014 , 326, 166-73	4.2	32
96	A critical overview on the biological and molecular features of red and processed meat in colorectal carcinogenesis. <i>Journal of Gastroenterology</i> , 2017 , 52, 407-418	6.9	31
95	Whole-exome sequencing reveals critical genes underlying metastasis in oesophageal squamous cell carcinoma. <i>Journal of Pathology</i> , 2017 , 242, 500-510	9.4	31
94	MiR-498 in esophageal squamous cell carcinoma: clinicopathological impacts and functional interactions. <i>Human Pathology</i> , 2017 , 62, 141-151	3.7	30

93	Plasticity of Cancer Stem Cell: Origin and Role in Disease Progression and Therapy Resistance. <i>Stem Cell Reviews and Reports</i> , 2020 , 16, 397-412	7.3	30
92	Modulatory roles of microRNAs in the regulation of different signalling pathways in large bowel cancer stem cells. <i>Biology of the Cell</i> , 2016 , 108, 51-64	3.5	29
91	The clinical and biological roles of transforming growth factor beta in colon cancer stem cells: A systematic review. <i>European Journal of Cell Biology</i> , 2018 , 97, 15-22	6.1	29
90	Endogenously elevated bilirubin modulates kidney function and protects from circulating oxidative stress in a rat model of adenine-induced kidney failure. <i>Scientific Reports</i> , 2015 , 5, 15482	4.9	28
89	Review of sequencing platforms and their applications in pheochromocytoma and paragangliomas. <i>Critical Reviews in Oncology/Hematology</i> , 2017 , 116, 58-67	7	27
88	JK1 (FAM134B) gene and colorectal cancer: a pilot study on the gene copy number alterations and correlations with clinicopathological parameters. <i>Experimental and Molecular Pathology</i> , 2014 , 97, 31-6	4.4	26
87	Overexpression of microRNA-1288 in oesophageal squamous cell carcinoma. <i>Experimental Cell Research</i> , 2016 , 348, 146-154	4.2	26
86	Identification of Novel FAM134B (JK1) Mutations in Oesophageal Squamous Cell Carcinoma. <i>Scientific Reports</i> , 2016 , 6, 29173	4.9	25
85	Mitocans Revisited: Mitochondrial Targeting as Efficient Anti-Cancer Therapy. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	24
84	JK1 (FAM134B) represses cell migration in colon cancer: a functional study of a novel gene. <i>Experimental and Molecular Pathology</i> , 2014 , 97, 99-104	4.4	23
83	Clinical impacts of mammalian target of rapamycin expression in human colorectal cancers. <i>Human Pathology</i> , 2013 , 44, 2089-96	3.7	23
82	The expression profiles of the galectin gene family in primary and metastatic papillary thyroid carcinoma with particular emphasis on galectin-1 and galectin-3 expression. <i>Experimental and Molecular Pathology</i> , 2014 , 96, 212-8	4.4	23
81	An electrochemical method for sensitive and rapid detection of FAM134B protein in colon cancer samples. <i>Scientific Reports</i> , 2017 , 7, 133	4.9	22
80	Pea lectin inhibits cell growth by inducing apoptosis in SW480 and SW48 cell lines. <i>International Journal of Biological Macromolecules</i> , 2018 , 117, 1050-1057	7.9	22
79	Oncogene GAEC1 regulates CAPN10 expression which predicts survival in esophageal squamous cell carcinoma. <i>World Journal of Gastroenterology</i> , 2013 , 19, 2772-80	5.6	22
78	Quantification of gene-specific DNA methylation in oesophageal cancer via electrochemistry. <i>Analytica Chimica Acta</i> , 2017 , 976, 84-93	6.6	21
77	Epithelial-mesenchymal transition and mesenchymal-epithelial transition are essential for the acquisition of stem cell properties in hTERT-immortalised oral epithelial cells. <i>Biology of the Cell</i> , 2012 , 104, 476-89	3.5	21
76	GAEC1 and colorectal cancer: a study of the relationships between a novel oncogene and clinicopathologic features. <i>Human Pathology</i> , 2010 , 41, 1009-15	3.7	21

75	Novel FAM134B mutations and their clinicopathological significance in colorectal cancer. <i>Human Genetics</i> , 2017 , 136, 321-337	6.3	20
74	Clinical and biological significance of miR-193a-3p targeted KRAS in colorectal cancer pathogenesis. <i>Human Pathology</i> , 2018 , 71, 145-156	3.7	20
73	Liposomal Delivery of miR-34b-5p Induced Cancer Cell Death in Thyroid Carcinoma. <i>Cells</i> , 2018 , 7,	7.9	20
72	Colorimetric and electrochemical quantification of global DNA methylation using a methyl cytosine-specific antibody. <i>Analyst, The</i> , 2017 , 142, 1900-1908	5	19
71	A p-menth-1-ene-4,7-diol (EC-1) from Eucalyptus camaldulensis Dnhh. triggers apoptosis and cell cycle changes in Ehrlich ascites carcinoma cells. <i>Phytotherapy Research</i> , 2015 , 29, 573-81	6.7	19
70	FAM134B promotes esophageal squamous cell carcinoma in vitro and its correlations with clinicopathologic features. <i>Human Pathology</i> , 2019 , 87, 1-10	3.7	18
69	Surface Markers for the Identification of Cancer Stem Cells. <i>Methods in Molecular Biology</i> , 2018 , 1692, 17-29	1.4	18
68	Tumour suppressor properties of miR-15a and its regulatory effects on BCL2 and SOX2 proteins in colorectal carcinomas. <i>Experimental Cell Research</i> , 2018 , 370, 245-253	4.2	18
67	Prevalence and types of high-risk human papillomaviruses in head and neck cancers from Bangladesh. <i>BMC Cancer</i> , 2017 , 17, 792	4.8	17
66	The roles of microRNA-34b-5p in angiogenesis of thyroid carcinoma. <i>Endocrine</i> , 2017 , 58, 153-166	4	17
65	The tumour suppressor effects and regulation of cancer stem cells by macrophage migration inhibitory factor targeted miR-451 in colon cancer. <i>Gene</i> , 2019 , 697, 165-174	3.8	16
64	Silent genetic alterations identified by targeted next-generation sequencing in pheochromocytoma/paraganglioma: A clinicopathological correlations. <i>Experimental and Molecular Pathology</i> , 2017 , 102, 41-46	4.4	15
63	Altered JS-2 expression in colorectal cancers and its clinical pathological relevance. <i>Molecular Oncology</i> , 2011 , 5, 475-81	7.9	15
62	Promoter hypermethylation inactivate tumor suppressor FAM134B and is associated with poor prognosis in colorectal cancer. <i>Genes Chromosomes and Cancer</i> , 2018 , 57, 240-251	5	14
61	Expression profile of endothelin 1 and its receptor endothelin receptor A in papillary thyroid carcinoma and their correlations with clinicopathologic characteristics. <i>Annals of Diagnostic Pathology</i> , 2014 , 18, 43-8	2.2	14
60	Interactions of Vascular Endothelial Growth Factor and p53 with miR-195 in Thyroid Carcinoma: Possible Therapeutic Targets in Aggressive Thyroid Cancers. <i>Current Cancer Drug Targets</i> , 2019 , 19, 561-570	2.8	14
59	Protein interactions of FAM134B with EB1 and APC/beta-catenin in vitro in colon carcinoma. <i>Molecular Carcinogenesis</i> , 2018 , 57, 1480-1491	5	13
58	The expression profiles of the galectin gene family in colorectal adenocarcinomas. <i>Human Pathology</i> , 2016 , 53, 105-13	3.7	12

57	Expression pattern of miR-451 and its target () in colorectal cancer. <i>Journal of Clinical Pathology</i> , 2017 , 70, 308-312	3.9	11
56	Metachronous carcinomas in colorectum and its clinicopathological significance. <i>International Journal of Colorectal Disease</i> , 2012 , 27, 1303-10	3	11
55	Quantitative analysis of the expression of TGF-alpha and EGFR in papillary thyroid carcinoma: clinicopathological relevance. <i>Pathology</i> , 2011 , 43, 40-7	1.6	11
54	Characterization of Mucosa-Associated Microbiota in Matched Cancer and Non-neoplastic Mucosa From Patients With Colorectal Cancer. <i>Frontiers in Microbiology</i> , 2019 , 10, 1317	5.7	10
53	Evaluation of multidisciplinary strategies and traditional approaches in teaching pathology in medical students. <i>Pathology International</i> , 2018 , 68, 459	1.8	10
52	Role of miR-193a in Cancer: Complexity and Factors Control the Pattern of its Expression. <i>Current Cancer Drug Targets</i> , 2018 , 18, 618-628	2.8	8
51	Twelve tips for using Facebook as a learning platform. <i>Medical Teacher</i> , 2021 , 43, 1261-1266	3	7
50	Genital herpes zoster as a consequence of cancer chemotherapy-induced immunosuppression: report of a case. <i>Journal of Infection and Chemotherapy</i> , 2012 , 18, 955-7	2.2	7
49	Dual role of heme iron in cancer; promotor of carcinogenesis and an inducer of tumour suppression. <i>Experimental and Molecular Pathology</i> , 2021 , 120, 104642	4.4	7
48	Integrating gross pathology into teaching of undergraduate medical science students using human cadavers. <i>Pathology International</i> , 2016 , 66, 511-7	1.8	7
47	MicroRNA 183 family profiles in pheochromocytomas are related to clinical parameters and SDHB expression. <i>Human Pathology</i> , 2017 , 64, 91-97	3.7	6
46	Kaempferia rotunda tuberous rhizome lectin induces apoptosis and growth inhibition of colon cancer cells in vitro. <i>International Journal of Biological Macromolecules</i> , 2019 , 141, 775-782	7.9	6
45	Gene amplified in oesophageal cancer 1 (GAEC1) amplification in colorectal cancers and its impact on patient's survival. <i>Journal of Clinical Pathology</i> , 2013 , 66, 721-3	3.9	6
44	Cancer Stem Cells 2019 , 77-87		6
43	Detention and Identification of Cancer Stem Cells in Esophageal Squamous Cell Carcinoma. <i>Methods in Molecular Biology</i> , 2020 , 2129, 177-191	1.4	6
42	Nanotechnology and its medical applications: revisiting public policies from a regulatory perspective in Australia. <i>Nanotechnology Reviews</i> , 2017 , 6, 255-269	6.3	5
41	Epigenetics: DNA Methylation Analysis in Esophageal Adenocarcinoma. <i>Methods in Molecular Biology</i> , 2018 , 1756, 247-256	1.4	5
40	Identification of Cancer Stem Cells in Esophageal Adenocarcinoma. <i>Methods in Molecular Biology</i> , 2018 , 1756, 165-176	1.4	5

39	Cellular expression, in-vitro and in-vivo confirmation of GAEC1 oncogenic properties in colon cancer. <i>European Journal of Cell Biology</i> , 2017 , 96, 487-495	6.1	5
38	Roles of long-non-coding RNAs in cancer therapy through the PI3K/Akt signalling pathway. <i>Histology and Histopathology</i> , 2019 , 34, 593-609	1.4	5
37	Electrochemical Detection of FAM134B Mutations in Oesophageal Cancer Based on DNA-Gold Affinity Interactions. <i>Electroanalysis</i> , 2017 , 29, 1359-1367	3	4
36	RNA Interference-Mediated Gene Silencing in Esophageal Adenocarcinoma. <i>Methods in Molecular Biology</i> , 2018 , 1756, 269-279	1.4	4
35	GAEC1 mutations and copy number aberration is associated with biological aggressiveness of colorectal cancer. <i>European Journal of Cell Biology</i> , 2018 , 97, 230-241	6.1	4
34	Author response: Horizontal transfer of whole mitochondria restores tumorigenic potential in mitochondrial DNA-deficient cancer cells 2017 ,		4
33	The Melanoma and Breast Cancer Association: An Overview of their Second Primary Cancers and the Epidemiological, Genetic and Biological correlations. <i>Critical Reviews in Oncology/Hematology</i> , 2020 , 152, 102989	7	4
32	Molecular Deregulation of in the Pathogenesis of Esophageal Squamous Cell Carcinoma. <i>Frontiers in Oncology</i> , 2020 , 10, 1534	5.3	4
31	Expression of GAEC1 mRNA and protein and its association with clinical and pathological parameters of patients with colorectal adenocarcinoma. <i>Experimental and Molecular Pathology</i> , 2018 , 104, 71-75	4.4	3
30	Detection and Quantification of MicroRNAs in Esophageal Adenocarcinoma. <i>Methods in Molecular Biology</i> , 2018 , 1756, 257-268	1.4	3
29	Bone Invasive Properties of Oral Squamous Cell Carcinoma and its Interactions with Alveolar Bone Cells: An In Vitro Study. <i>Current Cancer Drug Targets</i> , 2019 , 19, 631-640	2.8	3
28	GAEC1 drives colon cancer progression. <i>Molecular Carcinogenesis</i> , 2019 , 58, 1145-1154	5	2
27	Circulatory Tumor Cells in Esophageal Adenocarcinoma. <i>Methods in Molecular Biology</i> , 2018 , 1756, 177-186	1.4	2
26	An unusual case of foreskin phimosis after radiotherapy for rectal carcinoma. <i>Cancer Radiotherapie: Journal De La Societe Francaise De Radiotherapie Oncologique</i> , 2012 , 16, 292-4	1.3	2
25	Diet derived polycyclic aromatic hydrocarbons and its pathogenic roles in colorectal carcinogenesis. <i>Critical Reviews in Oncology/Hematology</i> , 2021 , 168, 103522	7	2
24	Estrogen receptor alpha gene expression in breast cancer tissues from the Iranian population--a pilot study. <i>Asian Pacific Journal of Cancer Prevention</i> , 2014 , 15, 8789-91	1.7	2
23	Genetic Heterogeneity of Single Circulating Tumour Cells in Colorectal Carcinoma. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	2
22	Identification of novel mutations and functional impacts of EPAS1 in colorectal cancer. <i>Cancer Medicine</i> , 2021 , 10, 5557-5573	4.8	2

21	HFE variants in colorectal cancer and their clinicopathological correlations. <i>Human Pathology</i> , 2021 , 117, 9-30	3.7	2
20	Mass Spectrometry for Biomarkers Discovery in Esophageal Squamous Cell Carcinoma. <i>Methods in Molecular Biology</i> , 2020 , 2129, 259-268	1.4	2
19	Somatic DNA Copy-Number Alterations Detection for Esophageal Adenocarcinoma Using Digital Polymerase Chain Reaction. <i>Methods in Molecular Biology</i> , 2018 , 1756, 195-212	1.4	1
18	mTOR expression in colorectal adenoma--reply. <i>Human Pathology</i> , 2014 , 45, 897	3.7	1
17	FE-learning and the virtual transformation of histopathology teaching during COVID-19: its impact on student learning experience and outcome.. <i>BMC Medical Education</i> , 2022 , 22, 22	3.3	1
16	Polycyclic Aromatic Hydrocarbons Detected in Processed Meats Cause Genetic Changes in Colorectal Cancers. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
15	Immunoblotting in Detection of Tumor-Associated Antigens in Esophageal Squamous Cell Carcinoma. <i>Methods in Molecular Biology</i> , 2020 , 2129, 269-277	1.4	1
14	Overexpression of family with sequence similarity 134, member B (FAM134B) in colon cancers and its tumor suppressive properties in vitro. <i>Cancer Biology and Therapy</i> , 2020 , 21, 954-962	4.6	1
13	Enumeration, characterisation and clinicopathological significance of circulating tumour cells in patients with colorectal carcinoma. <i>Cancer Genetics</i> , 2021 , 254-255, 48-57	2.3	1
12	DNA Genome Sequencing in Esophageal Adenocarcinoma. <i>Methods in Molecular Biology</i> , 2018 , 1756, 231-246	1.4	1
11	Hemin, a major heme molecule, induced cellular and genetic alterations in normal colonic and colon cancer cells. <i>Pathology Research and Practice</i> , 2021 , 224, 153530	3.4	1
10	In Vitro Assays of Biological Aggressiveness of Esophageal Squamous Cell Carcinoma. <i>Methods in Molecular Biology</i> , 2020 , 2129, 161-175	1.4	1
9	Liquid Biopsy: Detection of Circulating Tumor Cells in Esophageal Squamous Cell Carcinoma. <i>Methods in Molecular Biology</i> , 2020 , 2129, 193-202	1.4	1
8	Roles of MicroRNAs in Esophageal Squamous Cell Carcinoma Pathogenesis. <i>Methods in Molecular Biology</i> , 2020 , 2129, 241-257	1.4	1
7	Heme oxygenase-1 & 2 and their potential contribution in heme induced colorectal carcinogenesis.. <i>Pathology Research and Practice</i> , 2022 , 233, 153885	3.4	1
6	Targeted Single Gene Mutation in Esophageal Adenocarcinoma. <i>Methods in Molecular Biology</i> , 2018 , 1756, 213-229	1.4	0
5	Rapamycin as a potent and selective inhibitor of vascular endothelial growth factor receptor in breast carcinoma.. <i>International Journal of Immunopathology and Pharmacology</i> , 2022 , 36, 205873842110359673 ⁰		
4	The Role of Stem Cells in Colorectal Cancer Carcinogenesis and Treatment. <i>Pancreatic Islet Biology</i> , 2019 , 93-111	0.4	

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| 3 | Refined immunoRNases for the efficient targeting and selective killing of tumour cells: A novel strategy.. <i>Life Sciences</i> , 2021 , 289, 120222 | 6.8 |
| 2 | Polymorphisms in PAH metabolising enzyme CYP1A1 in colorectal cancer and their clinicopathological correlations.. <i>Pathology Research and Practice</i> , 2022 , 231, 153801 | 3.4 |
| 1 | 2R4Rdihydroxy-3, 4-methylenedioxychalcone Activate Mitochondrial Apoptosis of Ehrlich Ascites Carcinoma Cells. <i>Current Drug Therapy</i> , 2020 , 15, 337-350 | 0.7 |