Ajay Goel

List of Publications by Year
in descending order

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325 papers	27,552 citations	4120 87 h-index	7333 152 g-index
334 all docs	334 docs citations	334 times ranked	33754 citing authors

#	Article	IF	Citations
1	Curcumin as â€œCurecuminâ€: From kitchen to clinic. Biochemical Pharmacology, 2008, 75, 787-809.	2.0	1,815
2	Microsatellite Instability in Colorectal Cancer. Gastroenterology, 2010, 138, 2073-2087.e3.	0.6	1,779
3	Fusobacterium nucleatum Increases Proliferation of Colorectal Cancer Cells and Tumor Development in Mice by Activating Toll-Like Receptor 4 Signaling to Nuclear Factorâ˜ÎºB, and Up-regulating Expression of MicroRNA-21. Gastroenterology, 2017, 152, 851-866.e24.	0.6	711
4	Epigenetic Alterations in Colorectal Cancer: EmergingÂBiomarkers. Gastroenterology, 2015, 149, 1204-1225.e12.	0.6	561
5	MicroRNA-200c modulates epithelial-to-mesenchymal transition (EMT) in human colorectal cancer metastasis. Gut, 2013, 62, 1315-1326.	6.1	495
6	Epigenetics of colorectal cancer: biomarker and therapeutic potential. Nature Reviews Gastroenterology and Hepatology, 2020, 17, 111-130.	8.2	449
7	Curcumin, the Golden Spice From Indian Saffron, Is a Chemosensitizer and Radiosensitizer for Tumors and Chemoprotector and Radioprotector for Normal Organs. Nutrition and Cancer, 2010, 62, 919-930.	0.9	426
8	Serum miR-21 as a Diagnostic and Prognostic Biomarker in Colorectal Cancer. Journal of the National Cancer Institute, 2013, 105, 849-859.	3.0	425
9	Use of 5-fluorouracil and survival in patients with microsatellite-unstable colorectal cancer. Gastroenterology, 2004, 126, 394-401.	0.6	416
10	Cancer chemoprevention by dietary polyphenols: Promising role for epigenetics. Biochemical Pharmacology, 2010, 80, 1771-1792.	2.0	411
11	Molecular Classification and Correlates in Colorectal Cancer. Journal of Molecular Diagnostics, 2008, 10, 13-27.	1.2	381
12	A Randomized, Pilot Study to Assess the Efficacy and Safety of Curcumin in Patients with Active Rheumatoid Arthritis. Phytotherapy Research, 2012, 26, 1719-1725.	2.8	379
13	Circular RNA ciRS-7â€”A Promising Prognostic Biomarker and a Potential Therapeutic Target in Colorectal Cancer. Clinical Cancer Research, 2017, 23, 3918-3928.	3.2	376
14	Specific inhibition of cyclooxygenase-2 (COX-2) expression by dietary curcumin in HT-29 human colon cancer cells. Cancer Letters, 2001, 172, 111-118.	3.2	318
15	Fecal MicroRNAs as Novel Biomarkers for Colon Cancer Screening. Cancer Epidemiology Biomarkers and Prevention, 2010, 19, 1766-1774.	1.1	310
16	Protective effects of zinc on lipid peroxidation, antioxidant enzymes and hepatic histoarchitecture in chlorpyrifos-induced toxicity. Chemico-Biological Interactions, 2005, 156, 131-140.	1.7	304
17	Epigenetic changes induced by curcumin and other natural compounds. Genes and Nutrition, 2011, 6, 93-108.	1.2	294
18	Frequent Inactivation of PTEN by Promoter Hypermethylation in Microsatellite Instability-High Sporadic Colorectal Cancers. Cancer Research, 2004, 64, 3014-3021.	0.4	280

#	Article	IF	Citations
19	Epigenetic Silencing of miR-137 Is an Early Event in Colorectal Carcinogenesis. Cancer Research, 2010, 70, 6609-6618.	0.4	275
20	Serum miR-200c Is a Novel Prognostic and Metastasis-Predictive Biomarker in Patients With Colorectal Cancer. Annals of Surgery, 2014, 259, 735-743.	2.1	271
21	The CpG Island Methylator Phenotype and Chromosomal Instability Are Inversely Correlated in Sporadic Colorectal Cancer. Gastroenterology, 2007, 132, 127-138.	0.6	264
22	Aberrant methylation of multiple tumor suppressor genes in aging liver, chronic hepatitis, and hepatocellular carcinoma. Hepatology, 2008, 47, 908-918.	3.6	250
23	Role of hMLH1 promoter hypermethylation in drug resistance to 5-fluorouracil in colorectal cancer cell lines. International Journal of Cancer, 2003, 106, 66-73.	2.3	247
24	Metastasis-associated long non-coding RNA drives gastric cancer development and promotes peritoneal metastasis. Carcinogenesis, 2014, 35, 2731-2739.	1.3	242
25	Pathways of Colorectal Carcinogenesis. Gastroenterology, 2020, 158, 291-302.	0.6	241
26	Hypomethylation of long interspersed nuclear element-1 (LINE-1) leads to activation of proto-oncogenes in human colorectal cancer metastasis. Gut, 2014, 63, 635-646.	6.1	238
27	Epigenetics of Colorectal Cancer. Gastroenterology, 2012, 143, 1442-1460.e1.	0.6	209
28	Characterization of sporadic colon cancer by patterns of genomic instability. Cancer Research, 2003, 63, 1608-14.	0.4	208
29	Multiâ€targeted therapy by curcumin: how spicy is it?. Molecular Nutrition and Food Research, 2008, 52, 1010-1030.	1.5	201
30	Curcumin mediates chemosensitization to 5-fluorouracil through miRNA-induced suppression of epithelial-to-mesenchymal transition in chemoresistant colorectal cancer. Carcinogenesis, 2015, 36, 355-367.	1.3	200
31	5-Fluorouracil Adjuvant Chemotherapy Does Not Increase Survival in Patients With CpG Island Methylator Phenotype Colorectal Cancer. Gastroenterology, 2011, 140, 1174-1181.	0.6	185
32	Circulating microRNA-203 predicts prognosis and metastasis in human colorectal cancer. Gut, 2017, 66, 654-665.	6.1	185
33	Curcumin Enhances the Effect of Chemotherapy against Colorectal Cancer Cells by Inhibition of NF-ÎºB and Src Protein Kinase Signaling Pathways. PLoS ONE, 2013, 8, e57218.	1.1	178
34	Steady-state Regulation of the Human DNA Mismatch Repair System. Journal of Biological Chemistry, 2000, 275, 18424-18431.	1.6	175
35	Somatic Hypermethylation of MSH2 Is a Frequent Event in Lynch Syndrome Colorectal Cancers. Cancer Research, 2010, 70, 3098-3108.	0.4	167
36	Lymphocyte-C-reactive Protein Ratio as Promising New Marker for Predicting Surgical and Oncological Outcomes in Colorectal Cancer. Annals of Surgery, 2020, 272, 342-351.	2.1	167

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37	Genetic and Epigenetic Signatures in Human Hepatocellular Carcinoma:A Systematic Review. Current Genomics, 2011, 12, 130-137.	0.7	165
38	A High Degree of LINE-1 Hypomethylation Is a Unique Feature of Early-Onset Colorectal Cancer. PLoS ONE, 2012, 7, e45357.	1.1	164
39	Curcumin sensitizes pancreatic cancer cells to gemcitabine by attenuating PRC2 subunit EZH2, and the lncRNA PVT1 expression. Carcinogenesis, 2017, 38, 1036-1046.	1.3	163
40	Efficacy and Safety of Curcumin in Major Depressive Disorder: A Randomized Controlled Trial. Phytotherapy Research, 2014, 28, 579-585.	2.8	159
41	Interleukinâ€6 promotes tumorigenesis by altering DNA methylation in oral cancer cells. International Journal of Cancer, 2011, 129, 1053-1063.	2.3	154
42	The Clinical Significance of MiR-148a as a Predictive Biomarker in Patients with Advanced Colorectal Cancer. PLoS ONE, 2012, 7, e46684.	1.1	144
43	DNA methylation and microRNA biomarkers for noninvasive detection of gastric and colorectal cancer. Biochemical and Biophysical Research Communications, 2014, 455, 43-57.	1.0	139
44	Identification of a Metastasis-Specific MicroRNA Signature in Human Colorectal Cancer. Journal of the National Cancer Institute, 2015, 107, .	3.0	139
45	Molecular pathogenesis of colorectal cancer. Cancer, 2005, 104, 2035-2047.	2.0	138
46	Curcumin and colorectal cancer: An update and current perspective on this natural medicine. Seminars in Cancer Biology, 2022, 80, 73-86.	4.3	138
47	An Optimized Pentaplex PCR for Detecting DNA Mismatch Repair-Deficient Colorectal Cancers. PLoS ONE, 2010, 5, e9393.	1.1	136
48	Curcumin Modulates DNA Methylation in Colorectal Cancer Cells. PLoS ONE, 2013, 8, e57709.	1.1	135
49	Epigallocatechin-3-gallate targets cancer stem-like cells and enhances 5-fluorouracil chemosensitivity in colorectal cancer. Oncotarget, 2016, 7, 16158-16171.	0.8	135
50	Genetic Instability Caused by Loss of MutS Homologue 3 in Human Colorectal Cancer. Cancer Research, 2008, 68, 8465-8472.	0.4	134
51	MicroRNA-29c mediates initiation of gastric carcinogenesis by directly targeting ITGB1. Gut, 2015, 64, 203-214.	6.1	133
52	Novel evidence for a PIWI-interacting RNA (piRNA) as an oncogenic mediator of disease progression, and a potential prognostic biomarker in colorectal cancer. Molecular Cancer, 2018, 17, 16.	7.9	130
53	Guggulsterone, a Farnesoid X Receptor Antagonist, Inhibits Constitutive and Inducible STAT3 Activation through Induction of a Protein Tyrosine Phosphatase SHP-1. Cancer Research, 2008, 68, 4406-4415.	0.4	129
54	Characteristic patterns of altered DNA methylation predict emergence of human hepatocellular carcinoma. Hepatology, 2012, 56, 994-1003.	3.6	129

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55	Serum miR-21, miR-29a, and miR-125b Are Promising Biomarkers for the Early Detection of Colorectal Neoplasia. Clinical Cancer Research, 2015, 21, 4234-4242.	3.2	128
56	Active secretion of CXCL10 and CCL5 from colorectal cancer microenvironments associates with GranzymeB+ CD8+ T-cell infiltration. Oncotarget, 2015, 6, 2981-2991.	0.8	128
57	Molecular subtyping of colorectal cancer: Recent progress, new challenges and emerging opportunities. Seminars in Cancer Biology, 2019, 55, 37-52.	4.3	125
58	Curcumin potentiates antitumor activity of 5-fluorouracil in a 3D alginate tumor microenvironment of colorectal cancer. BMC Cancer, 2015, 15, 250.	1.1	124
59	Circulating tumor DNA as an early cancer detection tool. , 2020, 207, 107458.		123
60	Analysis of Fecal DNA Methylation to Detect Gastrointestinal Neoplasia. Journal of the National Cancer Institute, 2009, 101, 1244-1258.	3.0	122
61	Resveratrol induces chemosensitization to 5-fluorouracil through up-regulation of intercellular junctions, Epithelial-to-mesenchymal transition and apoptosis in colorectal cancer. Biochemical Pharmacology, 2015, 98, 51-68.	2.0	120
62	Novel evidence for an oncogenic role of microRNA-21 in colitis-associated colorectal cancer. Gut, 2016, 65, 1470-1481.	6.1	120
63	A novel mechanism for aspirin-mediated growth inhibition of human colon cancer cells. Clinical Cancer Research, 2003, 9, 383-90.	3.2	120
64	Increased expression of Slug and Vimentin as novel predictive biomarkers for lymph node metastasis and poor prognosis in colorectal cancer. Carcinogenesis, 2013, 34, 2548-2557.	1.3	119
65	Curcumin Suppresses Crosstalk between Colon Cancer Stem Cells and Stromal Fibroblasts in the Tumor Microenvironment: Potential Role of EMT. PLoS ONE, 2014, 9, e107514.	1.1	116
66	Mutations in Both KRAS and BRAF May Contribute to the Methylator Phenotype in Colon Cancer. Gastroenterology, 2008, 134, 1950-1960.e1.	0.6	114
67	Colorectal Cancers with Microsatellite Instability Display Unique miRNA Profiles. Clinical Cancer Research, 2011, 17, 6239-6249.	3.2	112
68	Non-coding RNAs and potential therapeutic targeting in cancer. Biochimica Et Biophysica Acta: Reviews on Cancer, 2021, 1875, 188491.	3.3	112
69	Clinical significance of SNORA42 as an oncogene and a prognostic biomarker in colorectal cancer. Gut, 2017, 66, 107-117.	6.1	110
70	H19 Noncoding RNA, an Independent Prognostic Factor, Regulates Essential Rb-E2F and CDK8-Î²-Catenin Signaling in Colorectal Cancer. EBioMedicine, 2016, 13, 113-124.	2.7	106
71	Intratumoral Fusobacterium Nucleatum Levels Predict Therapeutic Response to Neoadjuvant Chemotherapy in Esophageal Squamous Cell Carcinoma. Clinical Cancer Research, 2019, 25, 6170-6179.	3.2	104
72	Daple is a novel non-receptor GEF required for trimeric G protein activation in Wnt signaling. ELife, 2015, 4, e07091.	2.8	104

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73	Curcumin Chemosensitizes 5-Fluorouracil Resistant MMR-Deficient Human Colon Cancer Cells in High Density Cultures. PLoS ONE, 2014, 9, e85397.	1.1	103
74	Emerging Role of MicroRNAs as Liquid Biopsy Biomarkers in Gastrointestinal Cancers. Clinical Cancer Research, 2017, 23, 2391-2399.	3.2	103
75	Epigenetic mechanisms in oral carcinogenesis. Future Oncology, 2012, 8, 1407-1425.	1.1	102
76	Novel Evidence for Curcumin and Boswellic Acidâ€“Induced Chemoprevention through Regulation of miR-34a and miR-27a in Colorectal Cancer. Cancer Prevention Research, 2015, 8, 431-443.	0.7	102
77	Microsatellite Instability and DNA Mismatch Repair Protein Deficiency in Lynch Syndrome Colorectal Polyps. Cancer Prevention Research, 2012, 5, 574-582.	0.7	100
78	Boswellic acid exerts antitumor effects in colorectal cancer cells by modulating expression of the let-7 and miR-200 microRNA family. Carcinogenesis, 2012, 33, 2441-2449.	1.3	100
79	Mad-1 Is the Exclusive JC Virus Strain Present in the Human Colon, and Its Transcriptional Control Region Has a Deleted 98-Base-Pair Sequence in Colon Cancer Tissues. Journal of Virology, 2001, 75, 1996-2001.	1.5	99
80	Epigenetic inactivation ofRUNX3 in microsatellite unstable sporadic colon cancers. International Journal of Cancer, 2004, 112, 754-759.	2.3	97
81	Association of JC Virus T-Antigen Expression With the Methylator Phenotype in Sporadic Colorectal Cancers. Gastroenterology, 2006, 130, 1950-1961.	0.6	97
82	N-BLR, a primate-specific non-coding transcript leads to colorectal cancer invasion and migration. Genome Biology, 2017, 18, 98.	3.8	97
83	Induction of chromosomal instability in colonic cells by the human polyomavirus JC virus. Cancer Research, 2003, 63, 7256-62.	0.4	97
84	Sirt1 Is Required for Resveratrol-Mediated Chemopreventive Effects in Colorectal Cancer Cells. Nutrients, 2016, 8, 145.	1.7	96
85	Aberrant DNA Methylation in Hereditary Nonpolyposis Colorectal Cancer Without Mismatch Repair Deficiency. Gastroenterology, 2010, 138, 1854-1862.e1.	0.6	95
86	Epigenetic and Genetic Alterations in Netrin-1 Receptors UNC5C and DCC in Human Colon Cancer. Gastroenterology, 2007, 133, 1849-1857.	0.6	93
87	Microsatellite Instability and Suppressed DNA Repair Enzyme Expression in Rheumatoid Arthritis. Journal of Immunology, 2003, 170, 2214-2220.	0.4	91
88	Aurora-A Expression Is Independently Associated with Chromosomal Instability in Colorectal Cancer. Neoplasia, 2009, 11, 418-425.	2.3	91
89	A MicroRNA Signature Associated With Metastasis of T1 Colorectal Cancers to Lymph Nodes. Gastroenterology, 2018, 154, 844-848.e7.	0.6	91
90	AZIN1 RNA editing confers cancer stemness and enhances oncogenic potential in colorectal cancer. JCI Insight, 2018, 3, .	2.3	91

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91	Ketogenic diet alleviates colitis by reduction of colonic group 3 innate lymphoid cells through altering gut microbiome. Signal Transduction and Targeted Therapy, 2021, 6, 154.	7.1	88
92	Resveratrol Chemosensitizes TNF-Î²-Induced Survival of 5-FU-Treated Colorectal Cancer Cells. Nutrients, 2018, 10, 888.	1.7	85
93	Diagnostic Potential of Cell-Free and Exosomal MicroRNAs in the Identification of Patients with High-Risk Colorectal Adenomas. PLoS ONE, 2016, 11, e0160722.	1.1	83
94	Coâ€expression of hepatocyte growth factor and câ€Met predicts peritoneal dissemination established by autocrine hepatocyte growth factor/câ€Met signaling in gastric cancer. International Journal of Cancer, 2012, 130, 2912-2921.	2.3	81
95	MSH6 and MUTYH Deficiency Is a Frequent Event in Early-Onset Colorectal Cancer. Clinical Cancer Research, 2010, 16, 5402-5413.	3.2	80
96	A RNA-Sequencing approach for the identification of novel long non-coding RNA biomarkers in colorectal cancer. Scientific Reports, 2018, 8, 575.	1.6	80
97	Therapeutic potential of FLANC, a novel primate-specific long non-coding RNA in colorectal cancer. Gut, 2020, 69, 1818-1831.	6.1	80
98	Werner syndrome helicase is a selective vulnerability of microsatellite instability-high tumor cells. ELife, 2019, 8, .	2.8	80
99	Piwi-interacting RNAs (piRNAs) and cancer: Emerging biological concepts and potential clinical implications. Biochimica Et Biophysica Acta: Reviews on Cancer, 2019, 1871, 160-169.	3.3	79
100	De novo constitutional MLH1 epimutations confer earlyâ€onset colorectal cancer in two new sporadic Lynch syndrome cases, with derivation of the epimutation on the paternal allele in one. International Journal of Cancer, 2011, 128, 869-878.	2.3	77
101	A human tissue map of 5-hydroxymethylcytosines exhibits tissue specificity through gene and enhancer modulation. Nature Communications, 2020, 11, 6161.	5.8	76
102	High copy amplification of the aurora-A gene is associated with chromosomal instability phenotype in human colorectal cancers. Cancer Biology and Therapy, 2007, 6, 525-533.	1.5	75
103	The Long Noncoding RNA CCAT2 Induces Chromosomal Instability Through BOP1-AURKB Signaling. Gastroenterology, 2020, 159, 2146-2162.e33.	0.6	75
104	APC promoter hypermethylation contributes to the loss of APC expression in colorectal cancers with allelic loss on 5q1. Cancer Biology and Therapy, 2004, 3, 960-964.	1.5	73
105	Essential turmeric oils enhance anti-inflammatory efficacy of curcumin in dextran sulfate sodium-induced colitis. Scientific Reports, 2017, 7, 814.	1.6	73
106	Clinicopathological features and microsatellite instability (MSI) in colorectal cancers from African Americans. International Journal of Cancer, 2005, 116, 914-919.	2.3	71
107	A somatic NLRP3 mutation as a cause of a sporadic case of chronic infantile neurologic, cutaneous, articular syndrome/neonatalâ€onset multisystem inflammatory disease: Novel evidence of the role of lowâ€level mosaicism as the pathophysiologic mechanism underlying mendelian inherited diseases. Arthritis and Rheumatism, 2010, 62, 1158-1166.	6.7	71
108	MSH3 Mediates Sensitization of Colorectal Cancer Cells to Cisplatin, Oxaliplatin, and a Poly(ADP-ribose) Polymerase Inhibitor. Journal of Biological Chemistry, 2011, 286, 12157-12165.	1.6	71

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109	Impact of BRAF, MLH1 on the incidence of microsatellite instability high colorectal cancer in populations based study. Molecular Cancer, 2008, 7, 68.	7.9	70
110	DNA methylome profiling identifies novel methylated genes in African American patients with colorectal neoplasia. Epigenetics, 2014, 9, 503-512.	1.3	70
111	Novel candidate colorectal cancer biomarkers identified by methylation microarray-based scanning. Endocrine-Related Cancer, 2011, 18, 465-478.	1.6	68
112	Feasibility of Fecal MicroRNAs as Novel Biomarkers for Pancreatic Cancer. PLoS ONE, 2012, 7, e42933.	1.1	68
113	MicroRNAs as potential liquid biopsy biomarkers in colorectal cancer: A systematic review. Biochimica Et Biophysica Acta: Reviews on Cancer, 2018, 1870, 274-282.	3.3	68
114	Genome-Wide miRNA Analysis Identifies miR-188-3p as a Novel Prognostic Marker and Molecular Factor Involved in Colorectal Carcinogenesis. Clinical Cancer Research, 2017, 23, 1323-1333.	3.2	67
115	Low Frequency of Lynch Syndrome Among Young Patients With Non-Familial Colorectal Cancer. Clinical Gastroenterology and Hepatology, 2010, 8, 966-971.e1.	2.4	66
116	Boswellic acid induces epigenetic alterations by modulating DNA methylation in colorectal cancer cells. Cancer Biology and Therapy, 2012, 13, 542-552.	1.5	65
117	FOXM1 and FOXQ1 Are Promising Prognostic Biomarkers and Novel Targets of Tumor-Suppressive miR-342 in Human Colorectal Cancer. Clinical Cancer Research, 2016, 22, 4947-4957.	3.2	65
118	Exosomal microRNA Biomarkers: Emerging Frontiers in Colorectal and Other Human Cancers. Expert Review of Molecular Diagnostics, 2016, 16, 553-567.	1.5	64
119	SNORA21 â€“ An Oncogenic Small Nucleolar RNA, with a Prognostic Biomarker Potential in Human Colorectal Cancer. EBioMedicine, 2017, 22, 68-77.	2.7	64
120	Oncogenic T-antigen of JC virus is present frequently in human gastric cancers. Cancer, 2006, 107, 481-488.	2.0	62
121	Methylation pattern of theO6-methylguanine-DNA methyltransferase gene in colon during progressive colorectal tumorigenesis. International Journal of Cancer, 2008, 122, 2429-2436.	2.3	62
122	Recent insights into the pathogenesis of colorectal cancer. Current Opinion in Gastroenterology, 2010, 26, 47-52.	1.0	61
123	MiR-139-5p as a novel serum biomarker for recurrence and metastasis in colorectal cancer. Scientific Reports, 2017, 7, 43393.	1.6	61
124	Resveratrol Regulates Colorectal Cancer Cell Invasion by Modulation of Focal Adhesion Molecules. Nutrients, 2017, 9, 1073.	1.7	61
125	Single molecule characterization of individual extracellular vesicles from pancreatic cancer. Journal of Extracellular Vesicles, 2019, 8, 1685634.	5.5	60
126	Epigenetic biomarkers in gastrointestinal cancers: The current state and clinical perspectives. Seminars in Cancer Biology, 2018, 51, 36-49.	4.3	59

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127	Toward a comprehensive and systematic methylome signature in colorectal cancers. Epigenetics, 2013, 8, 807-815.	1.3	58
128	Extensive Methylation Is Associated with Î²-Catenin Mutations in Hepatocellular Carcinoma: Evidence for Two Distinct Pathways of Human Hepatocarcinogenesis. Cancer Research, 2007, 67, 4586-4594.	0.4	57
129	Chemopreventive potential of zinc in experimentally induced colon carcinogenesis. Toxicology Letters, 2007, 171, 10-18.	0.4	57
130	Epigenetic changes and alternate promoter usage by human colon cancers for expressing DCLK1-isoforms: Clinical Implications. Scientific Reports, 2015, 5, 14983.	1.6	57
131	Fish oil-enriched nutrition combined with systemic chemotherapy for gastrointestinal cancer patients with cancer cachexia. Scientific Reports, 2017, 7, 4826.	1.6	57
132	Circulating miRâ€203 derived from metastatic tissues promotes myopenia in colorectal cancer patients. Journal of Cachexia, Sarcopenia and Muscle, 2019, 10, 536-548.	2.9	57
133	Mesalazine Improves Replication Fidelity in Cultured Colorectal Cells. Cancer Research, 2005, 65, 3993-3997.	0.4	56
134	Oligomeric proanthocyanidins (OPCs) target cancer stem-like cells and suppress tumor organoid formation in colorectal cancer. Scientific Reports, 2018, 8, 3335.	1.6	56
135	The PVT1 lncRNA is a novel epigenetic enhancer of MYC, and a promising risk-stratification biomarker in colorectal cancer. Molecular Cancer, 2020, 19, 155.	7.9	56
136	A combination of curcumin and oligomeric proanthocyanidins offer superior anti-tumorigenic properties in colorectal cancer. Scientific Reports, 2018, 8, 13869.	1.6	55
137	TIAM1 promotes chemoresistance and tumor invasiveness in colorectal cancer. Cell Death and Disease, 2019, 10, 267.	2.7	55
138	A Panel of Methylated MicroRNA Biomarkers for Identifying High-Risk Patients With Ulcerative Colitis-Associated ColorectalÂCancer. Gastroenterology, 2017, 153, 1634-1646.e8.	0.6	54
139	JC virus Tâ€antigen expression in sporadic adenomatous polyps of the colon. Cancer, 2008, 112, 1028-1036.	2.0	52
140	Upâ€regulated expression of sulfatases (SULF1 and SULF2) as prognostic and metastasis predictive markers in human gastric cancer. Journal of Pathology, 2012, 228, 88-98.	2.1	52
141	Selenomethionine induces p53 mediated cell cycle arrest and apoptosis in human colon cancer cells. Cancer Biology and Therapy, 2006, 5, 529-535.	1.5	51
142	Prevalence of somatic mutl homolog 1 promoter hypermethylation in Lynch syndrome colorectal cancer. Cancer, 2015, 121, 1395-1404.	2.0	51
143	Association Between Recurrent Metastasis From Stage II and III Primary Colorectal Tumors and Moderate Microsatellite Instability. Gastroenterology, 2012, 143, 48-50.e1.	0.6	50
144	IGFBP3 Methylation Is a Novel Diagnostic and Predictive Biomarker in Colorectal Cancer. PLoS ONE, 2014, 9, e104285.	1.1	49

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145	Andrographis-mediated chemosensitization through activation of ferroptosis and suppression of Î²-catenin/Wnt-signaling pathways in colorectal cancer. Carcinogenesis, 2020, 41, 1385-1394.	1.3	49
146	JC virus and colorectal cancer: a possible trigger in the chromosomal instability pathways. Current Opinion in Gastroenterology, 2005, 21, 85-9.	1.0	49
147	An update on microRNAs as colorectal cancer biomarkers: where are we and whatâ€™s next?. Expert Review of Molecular Diagnostics, 2014, 14, 999-1021.	1.5	48
148	The Holy Grail of Curcumin and its Efficacy in Various Diseases: Is Bioavailability Truly a Big Concern?. Journal of Restorative Medicine, 2017, 6, 27-36.	0.7	48
149	Enhanced AZIN1 RNA editing and overexpression of its regulatory enzyme ADAR1 are important prognostic biomarkers in gastric cancer. Journal of Translational Medicine, 2018, 16, 366.	1.8	48
150	DNA Mismatch Repair Deficiency and Immune Checkpoint Inhibitors in Gastrointestinal Cancers. Gastroenterology, 2019, 156, 890-903.	0.6	48
151	Genome-wide Discovery and Identification of a Novel miRNA Signature for Recurrence Prediction in Stage II and III Colorectal Cancer. Clinical Cancer Research, 2018, 24, 3867-3877.	3.2	47
152	The role of viral and bacterial pathogens in gastrointestinal cancer. Journal of Cellular Physiology, 2008, 216, 378-388.	2.0	46
153	Melatonin-mediated downregulation of thymidylate synthase as a novel mechanism for overcoming 5-fluorouracil associated chemoresistance in colorectal cancer cells. Carcinogenesis, 2019, 40, 422-431.	1.3	46
154	JC Virus Mediates Invasion and Migration in Colorectal Metastasis. PLoS ONE, 2009, 4, e8146.	1.1	44
155	Technical Factors Involved in the Measurement of Circulating MicroRNA Biomarkers for the Detection of Colorectal Neoplasia. PLoS ONE, 2014, 9, e112481.	1.1	44
156	Non-coding RNAs as liquid biopsy biomarkers in cancer. British Journal of Cancer, 2022, 126, 351-360.	2.9	44
157	Evaluation of Microsatellite Instability, hMLH1 Expression and hMLH1 Promoter Hypermethylation in Defining the MSI Phenotype of Colorectal Cancer. Cancer Biology and Therapy, 2004, 3, 73-78.	1.5	43
158	Nitric Oxide: Perspectives and Emerging Studies of a Well Known Cytotoxin. International Journal of Molecular Sciences, 2010, 11, 2715-2745.	1.8	43
159	Diagnostic efficacy of circular RNAs as noninvasive, liquid biopsy biomarkers for early detection of gastric cancer. Molecular Cancer, 2022, 21, 42.	7.9	43
160	Molecular characteristics and predictors of survival in patients with malignant neuroendocrine tumors. International Journal of Cancer, 2008, 123, 1556-1564.	2.3	42
161	<scp>hDNA</scp> 2 nuclease/helicase promotes centromeric <scp>DNA</scp> replication and genome stability. EMBO Journal, 2018, 37, .	3.5	42
162	MicroRNA-21 predicts response to preoperative chemoradiotherapy in locally advanced rectal cancer. International Journal of Colorectal Disease, 2015, 30, 899-906.	1.0	41

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163	Colorectal Cancer Stem Cells Acquire Chemoresistance Through the Upregulation of F-Box/WD Repeat-Containing Protein 7 and the Consequent Degradation of c-Myc. Stem Cells, 2017, 35, 2027-2036.	1.4	41
164	Integrative network biology analysis identifies miR-508-3p as the determinant for the mesenchymal identity and a strong prognostic biomarker of ovarian cancer. Oncogene, 2019, 38, 2305-2319.	2.6	41
165	A 15-Gene Immune, Stromal, and Proliferation Gene Signature that Significantly Associates with Poor Survival in Patients with Pancreatic Ductal Adenocarcinoma. Clinical Cancer Research, 2020, 26, 3641-3648.	3.2	41
166	Somatic evolution of cancer cells. Seminars in Cancer Biology, 2005, 15, 436-450.	4.3	40
167	Elevated Serum Angiopoietin-like Protein 2 Correlates with the Metastatic Properties of Colorectal Cancer: A Serum Biomarker for Early Diagnosis and Recurrence. Clinical Cancer Research, 2014, 20, 6175-6186.	3.2	40
168	Activation of AZIN1 RNA editing is a novel mechanism that promotes invasive potential of cancer-associated fibroblasts in colorectal cancer. Cancer Letters, 2019, 444, 127-135.	3.2	40
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