Ajay Goel

List of Publications by Citations

311 papers	20,592 citations	77 h-index	135 g-index
334 ext. papers	24,319 ext. citations	8 avg, IF	7.25 L-index

#	Paper	IF	Citations
311	Curcumin as "Curecumin": from kitchen to clinic. *Biochemical Pharmacology*, **2008**, 75, 787-809	6	1537
310	Microsatellite instability in colorectal cancer. *Gastroenterology*, **2010**, 138, 2073-2087.e3	13.3	1249
309	MicroRNA-200c modulates epithelial-to-mesenchymal transition (EMT) in human colorectal cancer metastasis. *Gut*, **2013**, 62, 1315-26	19.2	434
308	Epigenetic Alterations in Colorectal Cancer: Emerging Biomarkers. *Gastroenterology*, **2015**, 149, 1204-1225.e12	13.3	428
307	Fusobacterium nucleatum Increases Proliferation of Colorectal Cancer Cells and Tumor Development in Mice by Activating Toll-Like Receptor 4 Signaling to Nuclear Factor-B, and Up-regulating Expression of MicroRNA-21. *Gastroenterology*, **2017**, 152, 851-866.e24	13.3	380
306	Use of 5-fluorouracil and survival in patients with microsatellite-unstable colorectal cancer. *Gastroenterology*, **2004**, 126, 394-401	13.3	364
305	Serum miR-21 as a diagnostic and prognostic biomarker in colorectal cancer. *Journal of the National Cancer Institute*, **2013**, 105, 849-59	9.7	361
304	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, 919-30	2.8	357
303	Cancer chemoprevention by dietary polyphenols: promising role for epigenetics. *Biochemical Pharmacology*, **2010**, 80, 1771-92	6	357
302	Molecular classification and correlates in colorectal cancer. *Journal of Molecular Diagnostics*, **2008**, 10, 13-27	5.1	318
301	Circular RNA ciRS-7-A Promising Prognostic Biomarker and a Potential Therapeutic Target in Colorectal Cancer. *Clinical Cancer Research*, **2017**, 23, 3918-3928	12.9	295
300	A randomized, pilot study to assess the efficacy and safety of curcumin in patients with active rheumatoid arthritis. *Phytotherapy Research*, **2012**, 26, 1719-25	6.7	277
299	Specific inhibition of cyclooxygenase-2 (COX-2) expression by dietary curcumin in HT-29 human colon cancer cells. *Cancer Letters*, **2001**, 172, 111-8	9.9	270
298	Fecal MicroRNAs as novel biomarkers for colon cancer screening. *Cancer Epidemiology Biomarkers and Prevention*, **2010**, 19, 1766-74	4	258
297	Protective effects of zinc on lipid peroxidation, antioxidant enzymes and hepatic histoarchitecture in chlorpyrifos-induced toxicity. *Chemico-Biological Interactions*, **2005**, 156, 131-40	5	251
296	Epigenetic silencing of miR-137 is an early event in colorectal carcinogenesis. *Cancer Research*, **2010** , 70, 6609-18	10.1	249
295	Frequent inactivation of PTEN by promoter hypermethylation in microsatellite instability-high sporadic colorectal cancers. *Cancer Research*, **2004**, 64, 3014-21	10.1	248

294	The CpG island methylator phenotype and chromosomal instability are inversely correlated in sporadic colorectal cancer. *Gastroenterology*, **2007**, 132, 127-38	13.3	242
293	Epigenetic changes induced by curcumin and other natural compounds. *Genes and Nutrition*, **2011**, 6, 93-108	4.3	234
292	Role of hMLH1 promoter hypermethylation in drug resistance to 5-fluorouracil in colorectal cancer cell lines. *International Journal of Cancer*, **2003**, 106, 66-73	7.5	224
291	Serum miR-200c is a novel prognostic and metastasis-predictive biomarker in patients with colorectal cancer. *Annals of Surgery*, **2014**, 259, 735-43	7.8	219
290	Aberrant methylation of multiple tumor suppressor genes in aging liver, chronic hepatitis, and hepatocellular carcinoma. *Hepatology*, **2008**, 47, 908-18	11.2	211
289	Metastasis-associated long non-coding RNA drives gastric cancer development and promotes peritoneal metastasis. *Carcinogenesis*, **2014**, 35, 2731-9	4.6	200
288	Epigenetics of colorectal cancer: biomarker and therapeutic potential. *Nature Reviews Gastroenterology and Hepatology*, **2020**, 17, 111-130	24.2	191
287	Characterization of sporadic colon cancer by patterns of genomic instability. *Cancer Research*, **2003**, 63, 1608-14	10.1	181
286	Hypomethylation of long interspersed nuclear element-1 (LINE-1) leads to activation of proto-oncogenes in human colorectal cancer metastasis. *Gut*, **2014**, 63, 635-46	19.2	176
285	Epigenetics of colorectal cancer. *Gastroenterology*, **2012**, 143, 1442-1460.e1	13.3	173
284	Multi-targeted therapy by curcumin: how spicy is it?. *Molecular Nutrition and Food Research*, **2008**, 52, 1010-30	5.9	166
283	5-Fluorouracil adjuvant chemotherapy does not increase survival in patients with CpG island methylator phenotype colorectal cancer. *Gastroenterology*, **2011**, 140, 1174-81	13.3	158
282	Curcumin mediates chemosensitization to 5-fluorouracil through miRNA-induced suppression of epithelial-to-mesenchymal transition in chemoresistant colorectal cancer. *Carcinogenesis*, **2015**, 36, 355-67	4.6	157
281	Steady-state regulation of the human DNA mismatch repair system. *Journal of Biological Chemistry*, **2000**, 275, 18424-31	5.4	150
280	Curcumin enhances the effect of chemotherapy against colorectal cancer cells by inhibition of NF-B and Src protein kinase signaling pathways. *PLoS ONE*, **2013**, 8, e57218	3.7	149
279	Genetic and epigenetic signatures in human hepatocellular carcinoma: a systematic review. *Current Genomics*, **2011**, 12, 130-7	2.6	148
278	Somatic hypermethylation of MSH2 is a frequent event in Lynch Syndrome colorectal cancers. *Cancer Research*, **2010**, 70, 3098-108	10.1	146
277	Circulating microRNA-203 predicts prognosis and metastasis in human colorectal cancer. *Gut*, **2017**, 66, 654-665	19.2	139

276	Efficacy and safety of curcumin in major depressive disorder: a randomized controlled trial. *Phytotherapy Research*, **2014**, 28, 579-85	6.7	129
275	A high degree of LINE-1 hypomethylation is a unique feature of early-onset colorectal cancer. *PLoS ONE*, **2012**, 7, e45357	3.7	129
274	Curcumin sensitizes pancreatic cancer cells to gemcitabine by attenuating PRC2 subunit EZH2, and the lncRNA PVT1 expression. *Carcinogenesis*, **2017**, 38, 1036-1046	4.6	128
273	The clinical significance of MiR-148a as a predictive biomarker in patients with advanced colorectal cancer. *PLoS ONE*, **2012**, 7, e46684	3.7	123
272	Identification of a metastasis-specific MicroRNA signature in human colorectal cancer. *Journal of the National Cancer Institute*, **2015**, 107,	9.7	121
271	DNA methylation and microRNA biomarkers for noninvasive detection of gastric and colorectal cancer. *Biochemical and Biophysical Research Communications*, **2014**, 455, 43-57	3.4	120
270	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, 4406-15	10.1	118
269	Genetic instability caused by loss of MutS homologue 3 in human colorectal cancer. *Cancer Research* , **2008**, 68, 8465-72	10.1	118
268	MicroRNA-29c mediates initiation of gastric carcinogenesis by directly targeting ITGB1. *Gut*, **2015**, 64, 203-14	19.2	116
267	Interleukin-6 promotes tumorigenesis by altering DNA methylation in oral cancer cells. *International Journal of Cancer*, **2011**, 129, 1053-63	7.5	114
266	An optimized pentaplex PCR for detecting DNA mismatch repair-deficient colorectal cancers. *PLoS ONE*, **2010**, 5, e9393	3.7	112
265	Molecular pathogenesis of colorectal cancer: implications for molecular diagnosis. *Cancer*, **2005**, 104, 2035-47	6.4	112
264	Characteristic patterns of altered DNA methylation predict emergence of human hepatocellular carcinoma. *Hepatology*, **2012**, 56, 994-1003	11.2	110
263	Curcumin modulates DNA methylation in colorectal cancer cells. *PLoS ONE*, **2013**, 8, e57709	3.7	109
262	Analysis of fecal DNA methylation to detect gastrointestinal neoplasia. *Journal of the National Cancer Institute*, **2009**, 101, 1244-58	9.7	108
261	A novel mechanism for aspirin-mediated growth inhibition of human colon cancer cells. *Clinical Cancer Research*, **2003**, 9, 383-90	12.9	106
260	Mutations in both KRAS and BRAF may contribute to the methylator phenotype in colon cancer. *Gastroenterology*, **2008**, 134, 1950-60, 1960.e1	13.3	102
259	Epigallocatechin-3-gallate targets cancer stem-like cells and enhances 5-fluorouracil chemosensitivity in colorectal cancer. *Oncotarget*, **2016**, 7, 16158-71	3.3	102

258	Serum miR-21, miR-29a, and miR-125b Are Promising Biomarkers for the Early Detection of Colorectal Neoplasia. *Clinical Cancer Research*, **2015**, 21, 4234-42	12.9	101
257	Novel evidence for an oncogenic role of microRNA-21 in colitis-associated colorectal cancer. *Gut*, **2016**, 65, 1470-81	19.2	96
256	Curcumin suppresses crosstalk between colon cancer stem cells and stromal fibroblasts in the tumor microenvironment: potential role of EMT. *PLoS ONE*, **2014**, 9, e107514	3.7	95
255	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	6	94
254	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	42.1	91
253	Increased expression of Slug and Vimentin as novel predictive biomarkers for lymph node metastasis and poor prognosis in colorectal cancer. *Carcinogenesis*, **2013**, 34, 2548-57	4.6	91
252	Induction of chromosomal instability in colonic cells by the human polyomavirus JC virus. *Cancer Research*, **2003**, 63, 7256-62	10.1	91
251	Curcumin potentiates antitumor activity of 5-fluorouracil in a 3D alginate tumor microenvironment of colorectal cancer. *BMC Cancer*, **2015**, 15, 250	4.8	89
250	Epigenetic inactivation of RUNX3 in microsatellite unstable sporadic colon cancers. *International Journal of Cancer*, **2004**, 112, 754-9	7.5	89
249	Colorectal cancers with microsatellite instability display unique miRNA profiles. *Clinical Cancer Research*, **2011**, 17, 6239-49	12.9	88
248	Pathways of Colorectal Carcinogenesis. *Gastroenterology*, **2020**, 158, 291-302	13.3	86
247	Association of JC virus T-antigen expression with the methylator phenotype in sporadic colorectal cancers. *Gastroenterology*, **2006**, 130, 1950-61	13.3	85
246	Clinical significance of SNORA42 as an oncogene and a prognostic biomarker in colorectal cancer. *Gut*, **2017**, 66, 107-117	19.2	84
245	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	6.6	84
244	H19 Noncoding RNA, an Independent Prognostic Factor, Regulates Essential Rb-E2F and CDK8-Catenin Signaling in Colorectal Cancer. *EBioMedicine*, **2016**, 13, 113-124	8.8	84
243	Aberrant DNA methylation in hereditary nonpolyposis colorectal cancer without mismatch repair deficiency. *Gastroenterology*, **2010**, 138, 1854-62	13.3	83
242	Microsatellite instability and DNA mismatch repair protein deficiency in Lynch syndrome colorectal polyps. *Cancer Prevention Research*, **2012**, 5, 574-82	3.2	82
241	Epigenetic and genetic alterations in Netrin-1 receptors UNC5C and DCC in human colon cancer. *Gastroenterology*, **2007**, 133, 1849-57	13.3	82

240	Boswellic acid exerts antitumor effects in colorectal cancer cells by modulating expression of the let-7 and miR-200 microRNA family. *Carcinogenesis*, **2012**, 33, 2441-9	4.6	81
239	Aurora-A expression is independently associated with chromosomal instability in colorectal cancer. *Neoplasia*, **2009**, 11, 418-25	6.4	81
238	Epigenetic mechanisms in oral carcinogenesis. *Future Oncology*, **2012**, 8, 1407-25	3.6	80
237	Microsatellite instability in colorectal adenomas and hyperplastic polyps in Lynch syndrome. *Hereditary Cancer in Clinical Practice*, **2011**, 9, O4	2.3	78
236	Daple is a novel non-receptor GEF required for trimeric G protein activation in Wnt signaling. *ELife*, **2015**, 4, e07091	8.9	78
235	Curcumin chemosensitizes 5-fluorouracil resistant MMR-deficient human colon cancer cells in high density cultures. *PLoS ONE*, **2014**, 9, e85397	3.7	77
234	Active secretion of CXCL10 and CCL5 from colorectal cancer microenvironments associates with GranzymeB+ CD8+ T-cell infiltration. *Oncotarget*, **2015**, 6, 2981-91	3.3	77
233	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	7.8	77
232	N-BLR, a primate-specific non-coding transcript leads to colorectal cancer invasion and migration. *Genome Biology*, **2017**, 18, 98	18.3	75
231	Novel Evidence for Curcumin and Boswellic Acid-Induced Chemoprevention through Regulation of miR-34a and miR-27a in Colorectal Cancer. *Cancer Prevention Research*, **2015**, 8, 431-43	3.2	75
230	Microsatellite instability and suppressed DNA repair enzyme expression in rheumatoid arthritis. *Journal of Immunology*, **2003**, 170, 2214-20	5.3	74
229	Emerging Role of MicroRNAs as Liquid Biopsy Biomarkers in Gastrointestinal Cancers. *Clinical Cancer Research*, **2017**, 23, 2391-2399	12.9	73
228	Molecular subtyping of colorectal cancer: Recent progress, new challenges and emerging opportunities. *Seminars in Cancer Biology*, **2019**, 55, 37-52	12.7	73
227	MSH6 and MUTYH deficiency is a frequent event in early-onset colorectal cancer. *Clinical Cancer Research*, **2010**, 16, 5402-13	12.9	70
226	Sirt1 Is Required for Resveratrol-Mediated Chemopreventive Effects in Colorectal Cancer Cells. *Nutrients*, **2016**, 8, 145	6.7	70
225	De novo constitutional MLH1 epimutations confer early-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, 869-78	7.5	68
224	APC promoter hypermethylation contributes to the loss of APC expression in colorectal cancers with allelic loss on 5q. *Cancer Biology and Therapy*, **2004**, 3, 960-4	4.6	68
223	Co-expression of hepatocyte growth factor and c-Met predicts peritoneal dissemination established by autocrine hepatocyte growth factor/c-Met signaling in gastric cancer. *International Journal of Cancer*, **2012**, 130, 2912-21	7.5	66

222	High copy amplification of the Aurora-A gene is associated with chromosomal instability phenotype in human colorectal cancers. *Cancer Biology and Therapy*, **2007**, 6, 525-33	4.6	66
221	A RNA-Sequencing approach for the identification of novel long non-coding RNA biomarkers in colorectal cancer. *Scientific Reports*, **2018**, 8, 575	4.9	65
220	A somatic NLRP3 mutation as a cause of a sporadic case of chronic infantile neurologic, cutaneous, articular syndrome/neonatal-onset multisystem inflammatory disease: Novel evidence of the role of low-level mosaicism as the pathophysiologic mechanism underlying mendelian inherited diseases. *Arthritis and Rheumatism*, **2010**, 62, 1158-66		64
219	Clinicopathological features and microsatellite instability (MSI) in colorectal cancers from African Americans. *International Journal of Cancer*, **2005**, 116, 914-9	7.5	64
218	Feasibility of fecal microRNAs as novel biomarkers for pancreatic cancer. *PLoS ONE*, **2012**, 7, e42933	3.7	62
217	Impact of BRAF, MLH1 on the incidence of microsatellite instability high colorectal cancer in populations based study. *Molecular Cancer*, **2008**, 7, 68	42.1	62
216	Piwi-interacting RNAs (piRNAs) and cancer: Emerging biological concepts and potential clinical implications. *Biochimica Et Biophysica Acta: Reviews on Cancer*, **2019**, 1871, 160-169	11.2	58
215	Recent insights into the pathogenesis of colorectal cancer. *Current Opinion in Gastroenterology*, **2010**, 26, 47-52	3	57
214	Diagnostic Potential of Cell-Free and Exosomal MicroRNAs in the Identification of Patients with High-Risk Colorectal Adenomas. *PLoS ONE*, **2016**, 11, e0160722	3.7	57
213	Methylation pattern of the O6-methylguanine-DNA methyltransferase gene in colon during progressive colorectal tumorigenesis. *International Journal of Cancer*, **2008**, 122, 2429-36	7.5	56
212	Oncogenic T-antigen of JC virus is present frequently in human gastric cancers. *Cancer*, **2006**, 107, 481-86	6.4	56
211	Resveratrol Chemosensitizes TNF-□nduced Survival of 5-FU-Treated Colorectal Cancer Cells. *Nutrients*, **2018**, 10,	6.7	55
210	DNA methylome profiling identifies novel methylated genes in African American patients with colorectal neoplasia. *Epigenetics*, **2014**, 9, 503-12	5.7	55
209	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	12.9	55
208	Novel candidate colorectal cancer biomarkers identified by methylation microarray-based scanning. *Endocrine-Related Cancer*, **2011**, 18, 465-78	5.7	55
207	MSH3 mediates sensitization of colorectal cancer cells to cisplatin, oxaliplatin, and a poly(ADP-ribose) polymerase inhibitor. *Journal of Biological Chemistry*, **2011**, 286, 12157-65	5.4	55
206	Essential turmeric oils enhance anti-inflammatory efficacy of curcumin in dextran sulfate sodium-induced colitis. *Scientific Reports*, **2017**, 7, 814	4.9	54
205	Low frequency of Lynch syndrome among young patients with non-familial colorectal cancer. *Clinical Gastroenterology and Hepatology*, **2010**, 8, 966-71	6.9	54

204	Exosomal microRNA Biomarkers: Emerging Frontiers in Colorectal and Other Human Cancers. *Expert Review of Molecular Diagnostics*, **2016**, 16, 553-67	3.8	50
203	Extensive methylation is associated with beta-catenin mutations in hepatocellular carcinoma: evidence for two distinct pathways of human hepatocarcinogenesis. *Cancer Research*, **2007**, 67, 4586-94	10.1	50
202	Mesalazine improves replication fidelity in cultured colorectal cells. *Cancer Research*, **2005**, 65, 3993-7	10.1	50
201	Therapeutic potential of FLANC, a novel primate-specific long non-coding RNA in colorectal cancer. *Gut*, **2020**, 69, 1818-1831	19.2	49
200	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	12.9	49
199	Chemopreventive potential of zinc in experimentally induced colon carcinogenesis. *Toxicology Letters*, **2007**, 171, 10-8	4.4	48
198	MicroRNAs as potential liquid biopsy biomarkers in colorectal cancer: A systematic review. *Biochimica Et Biophysica Acta: Reviews on Cancer*, **2018**, 1870, 274-282	11.2	48
197	JC virus and colorectal cancer: a possible trigger in the chromosomal instability pathways. *Current Opinion in Gastroenterology*, **2005**, 21, 85-9	3	48
196	Toward a comprehensive and systematic methylome signature in colorectal cancers. *Epigenetics*, **2013**, 8, 807-15	5.7	47
195	A MicroRNA Signature Associated With Metastasis of T1 Colorectal Cancers to Lymph Nodes. *Gastroenterology*, **2018**, 154, 844-848.e7	13.3	46
194	MiR-139-5p as a novel serum biomarker for recurrence and metastasis in colorectal cancer. *Scientific Reports*, **2017**, 7, 43393	4.9	45
193	An update on microRNAs as colorectal cancer biomarkers: where are we and what next?. *Expert Review of Molecular Diagnostics*, **2014**, 14, 999-1021	3.8	44
192	Werner syndrome helicase is a selective vulnerability of microsatellite instability-high tumor cells. *ELife*, **2019**, 8,	8.9	44
191	Curcumin and colorectal cancer: An update and current perspective on this natural medicine. *Seminars in Cancer Biology*, **2020**,	12.7	43
190	Intratumoral Levels Predict Therapeutic Response to Neoadjuvant Chemotherapy in Esophageal Squamous Cell Carcinoma. *Clinical Cancer Research*, **2019**, 25, 6170-6179	12.9	43
189	Resveratrol Regulates Colorectal Cancer Cell Invasion by Modulation of Focal Adhesion Molecules. *Nutrients*, **2017**, 9,	6.7	43
188	Association between recurrent metastasis from stage II and III primary colorectal tumors and moderate microsatellite instability. *Gastroenterology*, **2012**, 143, 48-50.e1	13.3	43
187	Boswellic acid induces epigenetic alterations by modulating DNA methylation in colorectal cancer cells. *Cancer Biology and Therapy*, **2012**, 13, 542-52	4.6	43

186	JC virus T-antigen expression in sporadic adenomatous polyps of the colon. *Cancer*, **2008**, 112, 1028-36	6.4	43
185	Selenomethionine induces p53 mediated cell cycle arrest and apoptosis in human colon cancer cells. *Cancer Biology and Therapy*, **2006**, 5, 529-35	4.6	43
184	SNORA21 - An Oncogenic Small Nucleolar RNA, with a Prognostic Biomarker Potential in Human Colorectal Cancer. *EBioMedicine*, **2017**, 22, 68-77	8.8	41
183	Up-regulated expression of sulfatases (SULF1 and SULF2) as prognostic and metastasis predictive markers in human gastric cancer. *Journal of Pathology*, **2012**, 228, 88-98	9.4	41
182	Circulating tumor DNA as an early cancer detection tool. *Pharmacology & Therapeutics*, **2020**, 207, 107458	13.9	41
181	Nitric oxide: perspectives and emerging studies of a well known cytotoxin. *International Journal of Molecular Sciences*, **2010**, 11, 2715-45	6.3	40
180	Technical factors involved in the measurement of circulating microRNA biomarkers for the detection of colorectal neoplasia. *PLoS ONE*, **2014**, 9, e112481	3.7	40
179	Epigenetic changes and alternate promoter usage by human colon cancers for expressing DCLK1-isoforms: Clinical Implications. *Scientific Reports*, **2015**, 5, 14983	4.9	39
178	Prevalence of somatic mutl homolog 1 promoter hypermethylation in Lynch syndrome colorectal cancer. *Cancer*, **2015**, 121, 1395-404	6.4	39
177	AZIN1 RNA editing confers cancer stemness and enhances oncogenic potential in colorectal cancer. *JCI Insight*, **2018**, 3,	9.9	39
176	A combination of curcumin and oligomeric proanthocyanidins offer superior anti-tumorigenic properties in colorectal cancer. *Scientific Reports*, **2018**, 8, 13869	4.9	39
175	Fish oil-enriched nutrition combined with systemic chemotherapy for gastrointestinal cancer patients with cancer cachexia. *Scientific Reports*, **2017**, 7, 4826	4.9	38
174	IGFBP3 methylation is a novel diagnostic and predictive biomarker in colorectal cancer. *PLoS ONE*, **2014**, 9, e104285	3.7	38
173	Epigenetic biomarkers in gastrointestinal cancers: The current state and clinical perspectives. *Seminars in Cancer Biology*, **2018**, 51, 36-49	12.7	37
172	MicroRNA-21 predicts response to preoperative chemoradiotherapy in locally advanced rectal cancer. *International Journal of Colorectal Disease*, **2015**, 30, 899-906	3	37
171	Circulating miR-203 derived from metastatic tissues promotes myopenia in colorectal cancer patients. *Journal of Cachexia, Sarcopenia and Muscle*, **2019**, 10, 536-548	10.3	36
170	Oligomeric proanthocyanidins (OPCs) target cancer stem-like cells and suppress tumor organoid formation in colorectal cancer. *Scientific Reports*, **2018**, 8, 3335	4.9	36
169	A Panel of Methylated MicroRNA Biomarkers for Identifying High-Risk Patients With Ulcerative Colitis-Associated Colorectal Cancer. *Gastroenterology*, **2017**, 153, 1634-1646.e8	13.3	36

168	Somatic evolution of cancer cells. *Seminars in Cancer Biology*, **2005**, 15, 436-50	12.7	36
167	Non-coding RNAs and potential therapeutic targeting in cancer. *Biochimica Et Biophysica Acta: Reviews on Cancer*, **2021**, 1875, 188491	11.2	36
166	TIAM1 promotes chemoresistance and tumor invasiveness in colorectal cancer. *Cell Death and Disease*, **2019**, 10, 267	9.8	35
165	Evaluation of microsatellite instability, hMLH1 expression and hMLH1 promoter hypermethylation in defining the MSI phenotype of colorectal cancer. *Cancer Biology and Therapy*, **2004**, 3, 73-8	4.6	35
164	The Long Noncoding RNA CCAT2 Induces Chromosomal Instability Through BOP1-AURKB Signaling. *Gastroenterology*, **2020**, 159, 2146-2162.e33	13.3	34
163	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	2.3	33
162	JC virus mediates invasion and migration in colorectal metastasis. *PLoS ONE*, **2009**, 4, e8146	3.7	33
161	DNA methylation patterns as noninvasive biomarkers and targets of epigenetic therapies in colorectal cancer. *Epigenomics*, **2016**, 8, 685-703	4.4	33
160	Molecular characteristics and predictors of survival in patients with malignant neuroendocrine tumors. *International Journal of Cancer*, **2008**, 123, 1556-64	7.5	32
159	The role of viral and bacterial pathogens in gastrointestinal cancer. *Journal of Cellular Physiology*, **2008**, 216, 378-88	7	32
158	Chlorpyrifos-induced alterations in the activities of carbohydrate metabolizing enzymes in rat liver: the role of zinc. *Toxicology Letters*, **2006**, 163, 235-41	4.4	32
157	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	5.8	31
156	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	9.2	31
155	Frequent loss of hMLH1 by promoter hypermethylation leads to microsatellite instability in adenomatous polyps of patients with a single first-degree member affected by colon cancer. *Cancer Research*, **2003**, 63, 787-92	10.1	31
154	Zinc supplementation prevents liver injury in chlorpyrifos-treated rats. *Biological Trace Element Research*, **2001**, 82, 185-200	4.5	30
153	DNA Mismatch Repair Deficiency and Immune Checkpoint Inhibitors in Gastrointestinal Cancers. *Gastroenterology*, **2019**, 156, 890-903	13.3	30
152	Proteomics analysis of differential protein expression identifies heat shock protein 47 as a predictive marker for lymph node metastasis in patients with colorectal cancer. *International Journal of Cancer*, **2017**, 140, 1425-1435	7.5	29
151	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, 6175-86	12.9	29

150	Zinc mediates normalization of hepatic drug metabolizing enzymes in chlorpyrifos-induced toxicity. *Toxicology Letters*, **2007**, 169, 26-33	4.4	29
149	Immunodeficiency and autoimmune enterocolopathy linked to NFAT5 haploinsufficiency. *Journal of Immunology*, **2015**, 194, 2551-60	5.3	28
148	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	12.9	28
147	Clinical Significance of MLH1 Methylation and CpG Island Methylator Phenotype as Prognostic Markers in Patients with Gastric Cancer. *PLoS ONE*, **2015**, 10, e0130409	3.7	28
146	Identification of frame-shift intermediate mutant cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2003**, 100, 1914-9	11.5	28
145	Single molecule characterization of individual extracellular vesicles from pancreatic cancer. *Journal of Extracellular Vesicles*, **2019**, 8, 1685634	16.4	28
144	Genomic aberrations in an African American colorectal cancer cohort reveals a MSI-specific profile and chromosome X amplification in male patients. *PLoS ONE*, **2012**, 7, e40392	3.7	27
143	Unique association between global DNA hypomethylation and chromosomal alterations in human hepatocellular carcinoma. *PLoS ONE*, **2013**, 8, e72312	3.7	27
142	Microsatellite instability among individuals of Hispanic origin with colorectal cancer. *Cancer*, **2010**, 116, 4965-72	6.4	25
141	JC virus infection in colorectal neoplasia that develops after liver transplantation. *Clinical Cancer Research*, **2008**, 14, 6717-21	12.9	25
140	Multistep progression of colorectal cancer in the setting of microsatellite instability: new details and novel insights. *Gastroenterology*, **2001**, 121, 1497-502	13.3	25
139	The PVT1 lncRNA is a novel epigenetic enhancer of MYC, and a promising risk-stratification biomarker in colorectal cancer. *Molecular Cancer*, **2020**, 19, 155	42.1	24
138	Role of zinc in mitigating the toxic effects of chlorpyrifos on hematological alterations and electron microscopic observations in rat blood. *BioMetals*, **2006**, 19, 483-92	3.4	24
137	Aspirin-Induced Chemoprevention and Response Kinetics Are Enhanced by PIK3CA Mutations in Colorectal Cancer Cells. *Cancer Prevention Research*, **2017**, 10, 208-218	3.2	23
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