Ajay Goel

List of Publications by Year in Descending Order

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	The prognostic role of miR-31 in colorectal cancer: the results of a meta-analysis of 4720 patients.. *Epigenomics*, **2022**, 14, 101-112	4.4	1
310	A transcriptomic signature that predicts cancer recurrence after hepatectomy in patients with colorectal liver metastases.. *European Journal of Cancer*, **2022**, 163, 66-76	7.5	0
309	Diagnostic efficacy of circular RNAs as noninvasive, liquid biopsy biomarkers for early detection of gastric cancer.. *Molecular Cancer*, **2022**, 21, 42	42.1	4
308	A microRNA-based liquid biopsy signature for the early detection of esophageal squamous cell carcinoma: a retrospective, prospective and multicenter study.. *Molecular Cancer*, **2022**, 21, 44	42.1	0
307	A liquid biopsy signature predicts treatment response to fluoropyrimidine plus platinum therapy in patients with metastatic or unresectable gastric cancer: implications for precision oncology.. *Molecular Cancer*, **2022**, 21, 9	42.1	0
306	Non-coding RNAs as liquid biopsy biomarkers in cancer.. *British Journal of Cancer*, **2022**,	8.7	5
305	A Combined Treatment with Berberine and Andrographis Exhibits Enhanced Anti-Cancer Activity through Suppression of DNA Replication in Colorectal Cancer.. *Pharmaceuticals*, **2022**, 15,	5.2	3
304	Concordance of acquired mutations between metastatic lesions and liquid biopsy in metastatic colorectal cancer. *Future Science OA*, **2021**, 7, FSO757	2.7	
303	Proliferation, apoptosis and their regulatory protein expression in colorectal adenomas and serrated lesions. *PLoS ONE*, **2021**, 16, e0258878	3.7	0
302	Novel evidence for mA methylation regulators as prognostic biomarkers and FTO as a potential therapeutic target in gastric cancer. *British Journal of Cancer*, **2021**,	8.7	2
301	Non-coding RNA biomarkers in pancreatic ductal adenocarcinoma. *Seminars in Cancer Biology*, **2021**, 75, 153-168	12.7	13
300	MicroRNAs in Colon Tissue of Pediatric Ulcerative Pancolitis Patients Allow Detection and Prognostic Stratification. *Journal of Clinical Medicine*, **2021**, 10,	5.1	3
299	Identification of laminin 2 as a prognostic and predictive biomarker for determining response to gemcitabine-based therapy in pancreatic ductal adenocarcinoma. *European Journal of Cancer*, **2021**, 146, 125-134	7.5	3
298	Andrographis overcomes 5-fluorouracil-associated chemoresistance through inhibition of DKK1 in colorectal cancer. *Carcinogenesis*, **2021**, 42, 814-825	4.6	4
297	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	21	17
296	Enhanced anti-cancer activity of andrographis with oligomeric proanthocyanidins through activation of metabolic and ferroptosis pathways in colorectal cancer. *Scientific Reports*, **2021**, 11, 7548	4.9	8
295	Long non-coding RNAs in colorectal cancer: Novel oncogenic mechanisms and promising clinical applications. *Cancer Letters*, **2021**, 504, 67-80	9.9	12

294	Clinical and epigenetic features of colorectal cancer patients with somatic POLE proofreading mutations. *Clinical Epigenetics*, **2021**, 13, 117	7.7	0
293	OCaMIR-A Noninvasive, Diagnostic Signature for Early-Stage Ovarian Cancer: A Multi-cohort Retrospective and Prospective Study. *Clinical Cancer Research*, **2021**, 27, 4277-4286	12.9	3
292	Antitumor effects of Andrographis via ferroptosis-associated genes in gastric cancer. *Oncology Letters*, **2021**, 22, 523	2.6	3
291	A blood-based transcriptomic signature for noninvasive diagnosis of gastric cancer. *British Journal of Cancer*, **2021**, 125, 846-853	8.7	1
290	Genomewide transcriptomic profiling identifies a gene signature for predicting recurrence in early-stage hepatocellular carcinoma. *Clinical and Translational Medicine*, **2021**, 11, e405	5.7	0
289	A Transcriptomic Signature for Risk-Stratification and Recurrence Prediction in Intrahepatic Cholangiocarcinoma. *Hepatology*, **2021**, 74, 1371-1383	11.2	4
288	Transcriptomic Profiling Identifies an Exosomal microRNA Signature for Predicting Recurrence Following Surgery in Patients with Pancreatic Ductal Adenocarcinoma. *Annals of Surgery*, **2021**,	7.8	2
287	Epigenetic Regulation of Intestinal Stem Cells and Disease: A Balancing Act of DNA and Histone Methylation. *Gastroenterology*, **2021**, 160, 2267-2282	13.3	6
286	Genomewide Expression Profiling Identifies a Novel miRNA-based Signature for the Detection of Peritoneal Metastasis in Patients With Gastric Cancer. *Annals of Surgery*, **2021**, 274, e425-e434	7.8	10
285	Role of gut microbiota in epigenetic regulation of colorectal Cancer. *Biochimica Et Biophysica Acta: Reviews on Cancer*, **2021**, 1875, 188490	11.2	8
284	Non-coding RNAs and potential therapeutic targeting in cancer. *Biochimica Et Biophysica Acta: Reviews on Cancer*, **2021**, 1875, 188491	11.2	36
283	A gene expression signature for predicting response to neoadjuvant chemoradiotherapy in pancreatic ductal adenocarcinoma. *International Journal of Cancer*, **2021**, 148, 769-779	7.5	5
282	Cellular Heterogeneity-Adjusted cLonal Methylation (CHALM) improves prediction of gene expression. *Nature Communications*, **2021**, 12, 400	17.4	5
281	Genomic and epigenomic biomarkers in colorectal cancer: From diagnosis to therapy. *Advances in Cancer Research*, **2021**, 151, 231-304	5.9	3
280	A clinico-pathological and molecular analysis reveals differences between solitary (early and late-onset) and synchronous rectal cancer. *Scientific Reports*, **2021**, 11, 2202	4.9	3
279	Analysis of recurrently protected genomic regions in cell-free DNA found in urine. *Science Translational Medicine*, **2021**, 13,	17.5	16
278	LAMC2 promotes cancer progression and gemcitabine resistance through modulation of EMT and ATP-binding cassette transporters in pancreatic ductal adenocarcinoma. *Carcinogenesis*, **2021**, 42, 546-556	4.6	8
277	Discovery and validation of an expression signature for recurrence prediction in high-risk diffuse-type gastric cancer. *Gastric Cancer*, **2021**, 24, 655-665	7.6	1

276	A Liquid Biopsy Assay for Noninvasive Identification of Lymph Node Metastases in T1 Colorectal Cancer. *Gastroenterology*, **2021**, 161, 151-162.e1	13.3	6
275	Assessment of the Diagnostic Efficiency of a Liquid Biopsy Assay for Early Detection of Gastric Cancer. *JAMA Network Open*, **2021**, 4, e2121129	10.4	2
274	EpiPanGI Dx: A Cell-free DNA Methylation Fingerprint for the Early Detection of Gastrointestinal Cancers. *Clinical Cancer Research*, **2021**, 27, 6135-6144	12.9	3
273	An integrated workflow for biomarker development using microRNAs in extracellular vesicles for cancer precision medicine. *Seminars in Cancer Biology*, **2021**, 74, 134-155	12.7	4
272	Reply. *Gastroenterology*, **2021**,	13.3	
271	The therapeutic triad of extracellular vesicles: As drug targets, as drugs, and as drug carriers. *Biochemical Pharmacology*, **2021**, 192, 114714	6	3
270	The genetic and epigenetic landscape of early-onset colorectal cancer. *Colorectal Cancer*, **2020**, 9, CRC23	0.8	6
269	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
268	A MicroRNA Signature Identifies Pancreatic Ductal Adenocarcinoma Patients at Risk for Lymph Node Metastases. *Gastroenterology*, **2020**, 159, 562-574	13.3	15
267	Modeling Personalized Adjuvant TreaTment in EaRly stage coloN cancer (PATTERN). *European Journal of Health Economics*, **2020**, 21, 1059-1073	3.6	4
266	Extracellular Vesicles in Diagnosis and Treatment of Pancreatic Cancer: Current State and Future Perspectives. *Cancers*, **2020**, 12,	6.6	8
265	Mosaicism in Patients With Colorectal Cancer or Polyposis Syndromes: A Systematic Review. *Clinical Gastroenterology and Hepatology*, **2020**, 18, 1949-1960	6.9	7
264	Cancer-associated histone mutation H2BG53D disrupts DNA-histone octamer interaction and promotes oncogenic phenotypes. *Signal Transduction and Targeted Therapy*, **2020**, 5, 27	21	8
263	Aspirin and the chemoprevention of cancers: A mathematical and evolutionary dynamics perspective. *Wiley Interdisciplinary Reviews: Systems Biology and Medicine*, **2020**, 12, e1487	6.6	2
262	Curcumin and colorectal cancer: An update and current perspective on this natural medicine. *Seminars in Cancer Biology*, **2020**,	12.7	43
261	The Emerging Role of Noncoding RNAs in Pediatric Inflammatory Bowel Disease. *Inflammatory Bowel Diseases*, **2020**, 26, 985-993	4.5	6
260	Therapeutic potential of FLANC, a novel primate-specific long non-coding RNA in colorectal cancer. *Gut*, **2020**, 69, 1818-1831	19.2	49
259	Identification of Serum miRNA Signature and Establishment of a Nomogram for Risk Stratification in Patients With Pancreatic Ductal Adenocarcinoma. *Annals of Surgery*, **2020**, 275,	7.8	9

258	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
257	A comprehensive in vivo and mathematic modeling-based kinetic characterization for aspirin-induced chemoprevention in colorectal cancer. *Carcinogenesis*, **2020**, 41, 751-760	4.6	5
256	Circulating tumor DNA as an early cancer detection tool. *Pharmacology & Therapeutics*, **2020**, 207, 107458	13.9	41
255	Epigenetics of colorectal cancer: biomarker and therapeutic potential. *Nature Reviews Gastroenterology and Hepatology*, **2020**, 17, 111-130	24.2	191
254	A novel mesenchymal-associated transcriptomic signature for risk-stratification and therapeutic response prediction in colorectal cancer. *International Journal of Cancer*, **2020**, 147, 3250-3261	7.5	4
253	A human tissue map of 5-hydroxymethylcytosines exhibits tissue specificity through gene and enhancer modulation. *Nature Communications*, **2020**, 11, 6161	17.4	21
252	The Long Noncoding RNA CCAT2 Induces Chromosomal Instability Through BOP1-AURKB Signaling. *Gastroenterology*, **2020**, 159, 2146-2162.e33	13.3	34
251	Cancer Biomarkers and Big Data: A Planetary Science Approach. *Cancer Cell*, **2020**, 38, 757-760	24.3	6
250	Clinical significance of a microRNA signature for the identification and predicting prognosis in colorectal cancers with mucinous differentiation. *Carcinogenesis*, **2020**, 41, 1498-1506	4.6	1
249	Andrographis-mediated chemosensitization through activation of ferroptosis and suppression of -catenin/Wnt-signaling pathways in colorectal cancer. *Carcinogenesis*, **2020**, 41, 1385-1394	4.6	18
248	Novel candidates in early-onset familial colorectal cancer. *Familial Cancer*, **2020**, 19, 1-10	3	10
247	Pathways of Colorectal Carcinogenesis. *Gastroenterology*, **2020**, 158, 291-302	13.3	86
246	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	12.9	23
245	Two Isoforms of the Guanine Nucleotide Exchange Factor, Daple/CCDC88C Cooperate as Tumor Suppressors. *Scientific Reports*, **2019**, 9, 12124	4.9	2
244	Lynch-like syndrome is as frequent as Lynch syndrome in early-onset nonfamilial nonpolyposis colorectal cancer. *International Journal of Cancer*, **2019**, 145, 705-713	7.5	15
243	Evidence that TNF- induces proliferation in colorectal cancer cells and resveratrol can down-modulate it. *Experimental Biology and Medicine*, **2019**, 244, 1-12	3.7	17
242	A randomized, double blind, placebo controlled, multicenter clinical trial to assess the efficacy and safety of Emblica officinalis extract in patients with dyslipidemia. *BMC Complementary and Alternative Medicine*, **2019**, 19, 27	4.7	18
241	c-Myb and its Effector COX-2 as an Indicator Associated with Prognosis and Therapeutic Outcome in Colorectal Cancer. *Journal of Cancer*, **2019**, 10, 1601-1610	4.5	2

240	Intermediate-onset colorectal cancer: A clinical and familial boundary between both early and late-onset colorectal cancer. *PLoS ONE*, **2019**, 14, e0216472	3.7	3
239	Gene Expression Signature in Surgical Tissues and Endoscopic Biopsies Identifies High-Risk T1 Colorectal Cancers. *Gastroenterology*, **2019**, 156, 2338-2341.e3	13.3	15
238	RNAMethyPro: a biologically conserved signature of N6-methyladenosine regulators for predicting survival at pan-cancer level. *Npj Precision Oncology*, **2019**, 3, 13	9.8	15
237	TIAM1 promotes chemoresistance and tumor invasiveness in colorectal cancer. *Cell Death and Disease*, **2019**, 10, 267	9.8	35
236	Clinical and Molecular Comparative Study of Colorectal Cancer Based on Age-of-onset and Tumor Location: Two Main Criteria for Subclassifying Colorectal Cancer. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	14
235	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
234	Transcriptomic expression profiling identifies ITGBL1, an epithelial to mesenchymal transition (EMT)-associated gene, is a promising recurrence prediction biomarker in colorectal cancer. *Molecular Cancer*, **2019**, 18, 19	42.1	21
233	A genomewide transcriptomic approach identifies a novel gene expression signature for the detection of lymph node metastasis in patients with early stage gastric cancer. *EBioMedicine*, **2019**, 41, 268-275	8.8	13
232	Molecular subtyping of colorectal cancer: Recent progress, new challenges and emerging opportunities. *Seminars in Cancer Biology*, **2019**, 55, 37-52	12.7	73
231	Heterogeneity of Epigenetic and Epithelial Mesenchymal Transition Marks in Hepatocellular Carcinoma with Keratin 19 Proficiency. *Liver Cancer*, **2019**, 8, 239-254	9.1	10
230	A comprehensive methylation signature identifies lymph node metastasis in esophageal squamous cell carcinoma. *International Journal of Cancer*, **2019**, 144, 1160-1169	7.5	8
229	Intratumoral Levels Predict Therapeutic Response to Neoadjuvant Chemotherapy in Esophageal Squamous Cell Carcinoma. *Clinical Cancer Research*, **2019**, 25, 6170-6179	12.9	43
228	Uncovering Potential Therapeutic Targets in Colorectal Cancer by Deciphering Mutational Status and Expression of Druggable Oncogenes. *Cancers*, **2019**, 11,	6.6	8
227	Cancer stem cell-associated miRNAs serve as prognostic biomarkers in colorectal cancer. *JCI Insight*, **2019**, 4,	9.9	18
226	Werner syndrome helicase is a selective vulnerability of microsatellite instability-high tumor cells. *ELife*, **2019**, 8,	8.9	44
225	DNA Mismatch Repair Deficiency and Immune Checkpoint Inhibitors in Gastrointestinal Cancers. *Gastroenterology*, **2019**, 156, 890-903	13.3	30
224	Ultra-Sensitive Automated Profiling of EpCAM Expression on Tumor-Derived Extracellular Vesicles. *Frontiers in Genetics*, **2019**, 10, 1273	4.5	8
223	Single molecule characterization of individual extracellular vesicles from pancreatic cancer. *Journal of Extracellular Vesicles*, **2019**, 8, 1685634	16.4	28

222	Predictive Biomarkers in Metastatic Colorectal Cancer: A Systematic Review. *JCO Precision Oncology*, **2019**, 3,	3.6	6
221	Redefining synchronous colorectal cancers based on tumor clonality. *International Journal of Cancer* , **2019**, 144, 1596-1608	7.5	7
220	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	9.9	14
219	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	4.6	21
218	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
217	Oligomeric proanthocyanidins (OPCs) from grape seed extract suppress the activity of ABC transporters in overcoming chemoresistance in colorectal cancer cells. *Carcinogenesis*, **2019**, 40, 412-421	4.6	13
216	Detection of circulating microRNAs with Ago2 complexes to monitor the tumor dynamics of colorectal cancer patients during chemotherapy. *International Journal of Cancer*, **2019**, 144, 2169-2180	7.5	17
215	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
214	Genome-wide Discovery of a Novel Gene-expression Signature for the Identification of Lymph Node Metastasis in Esophageal Squamous Cell Carcinoma. *Annals of Surgery*, **2019**, 269, 879-886	7.8	6
213	Re: Cumulative burden of inflammation predicts colorectal neoplasia risk in ulcerative colitis: a large single-centre study. *Gut*, **2019**, 68, 575	19.2	4
212	V600E mutation is a predictive indicator of upfront chemotherapy for stage IV colorectal cancer. *Oncology Letters*, **2018**, 15, 2195-2201	2.6	6
211	Oligomeric proanthocyanidins (OPCs) target cancer stem-like cells and suppress tumor organoid formation in colorectal cancer. *Scientific Reports*, **2018**, 8, 3335	4.9	36
210	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
209	RAP80 is an independent prognosis biomarker for the outcome of patients with esophageal squamous cell carcinoma. *Cell Death and Disease*, **2018**, 9, 146	9.8	10
208	Epigenetic biomarkers in gastrointestinal cancers: The current state and clinical perspectives. *Seminars in Cancer Biology*, **2018**, 51, 36-49	12.7	37
207	A MicroRNA Signature Associated With Metastasis of T1 Colorectal Cancers to Lymph Nodes. *Gastroenterology*, **2018**, 154, 844-848.e7	13.3	46
206	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
205	Methylation and Expression Status Does Not Predict Response to 5-FU-based Chemotherapy in Colorectal Cancer. *Clinical Cancer Research*, **2018**, 24, 2820-2827	12.9	4

204	Precision Medicine for CRC Patients in the Veteran Population: State-of-the-Art, Challenges and Research Directions. *Digestive Diseases and Sciences*, **2018**, 63, 1123-1138	4	7
203	Resveratrol Chemosensitizes TNF-□nduced Survival of 5-FU-Treated Colorectal Cancer Cells. *Nutrients*, **2018**, 10,	6.7	55
202	Clinical impact of endometrial cancer stratified by genetic mutational profiles, POLE mutation, and microsatellite instability. *PLoS ONE*, **2018**, 13, e0195655	3.7	19
201	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
200	Accuracy of four mononucleotide-repeat markers for the identification of DNA mismatch-repair deficiency in solid tumors. *Journal of Translational Medicine*, **2018**, 16, 5	8.5	16
199	Mechanistic insights into anticancer properties of oligomeric proanthocyanidins from grape seeds in colorectal cancer. *Carcinogenesis*, **2018**, 39, 767-777	4.6	20
198	Lifestyle Factors, Colorectal Tumor Methylation, and Survival Among African Americans and European Americans. *Scientific Reports*, **2018**, 8, 9470	4.9	5
197	AZIN1 RNA editing confers cancer stemness and enhances oncogenic potential in colorectal cancer. *JCI Insight*, **2018**, 3,	9.9	39
196	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	8.5	18
195	A combination of curcumin and oligomeric proanthocyanidins offer superior anti-tumorigenic properties in colorectal cancer. *Scientific Reports*, **2018**, 8, 13869	4.9	39
194	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
193	hDNA2 nuclease/helicase promotes centromeric DNA replication and genome stability. *EMBO Journal*, **2018**, 37,	13	21
192	Reply. *Gastroenterology*, **2018**, 154, 2274-2275	13.3	
191	Circulating microRNA-203 predicts prognosis and metastasis in human colorectal cancer. *Gut*, **2017**, 66, 654-665	19.2	139
190	Clinical significance of SNORA42 as an oncogene and a prognostic biomarker in colorectal cancer. *Gut*, **2017**, 66, 107-117	19.2	84
189	Emerging Role of MicroRNAs as Liquid Biopsy Biomarkers in Gastrointestinal Cancers. *Clinical Cancer Research*, **2017**, 23, 2391-2399	12.9	73
188	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
187	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

186	MiR-139-5p as a novel serum biomarker for recurrence and metastasis in colorectal cancer. *Scientific Reports*, **2017**, 7, 43393	4.9	45
185	Essential turmeric oils enhance anti-inflammatory efficacy of curcumin in dextran sulfate sodium-induced colitis. *Scientific Reports*, **2017**, 7, 814	4.9	54
184	Transcriptional Regulator CNOT3 Defines an Aggressive Colorectal Cancer Subtype. *Cancer Research*, **2017**, 77, 766-779	10.1	12
183	N-BLR, a primate-specific non-coding transcript leads to colorectal cancer invasion and migration. *Genome Biology*, **2017**, 18, 98	18.3	75
182	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
181	High mRNA expression of splice variant SYK short correlates with hepatic disease progression in chemonaive lymph node negative colon cancer patients. *PLoS ONE*, **2017**, 12, e0185607	3.7	6
180	FOXD3 Regulates CSC Marker, DCLK1-S, and Invasive Potential: Prognostic Implications in Colon Cancer. *Molecular Cancer Research*, **2017**, 15, 1678-1691	6.6	16
179	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
178	Effect of aspirin on tumour cell colony formation and evolution. *Journal of the Royal Society Interface*, **2017**, 14,	4.1	5
177	Effect of cell cycle duration on somatic evolutionary dynamics. *Evolutionary Applications*, **2017**, 10, 1121-1129	4.8	5
176	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
175	SNORA21 - An Oncogenic Small Nucleolar RNA, with a Prognostic Biomarker Potential in Human Colorectal Cancer. *EBioMedicine*, **2017**, 22, 68-77	8.8	41
174	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
173	Fish oil-enriched nutrition combined with systemic chemotherapy for gastrointestinal cancer patients with cancer cachexia. *Scientific Reports*, **2017**, 7, 4826	4.9	38
172	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
171	Exportin-5 Functions as an Oncogene and a Potential Therapeutic Target in Colorectal Cancer. *Clinical Cancer Research*, **2017**, 23, 1312-1322	12.9	23
170	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
169	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

168	Resveratrol Regulates Colorectal Cancer Cell Invasion by Modulation of Focal Adhesion Molecules. *Nutrients*, **2017**, 9,	6.7	43
167	Successful identification of a predictive biomarker for lymph node metastasis in colorectal cancer using a proteomic approach. *Oncotarget*, **2017**, 8, 106935-106947	3.3	15
166	Expansion of epigenetic alterations in EFEMP1 promoter predicts malignant formation in pancreatobiliary intraductal papillary mucinous neoplasms. *Journal of Cancer Research and Clinical Oncology*, **2016**, 142, 1557-69	4.9	3
165	Novel evidence for an oncogenic role of microRNA-21 in colitis-associated colorectal cancer. *Gut*, **2016**, 65, 1470-81	19.2	96
164	Exosomal microRNA Biomarkers: Emerging Frontiers in Colorectal and Other Human Cancers. *Expert Review of Molecular Diagnostics*, **2016**, 16, 553-67	3.8	50
163	A pilot, non-randomized evaluation of the safety of anakinra plus FOLFIRINOX in metastatic pancreatic ductal adenocarcinoma patients.. *Journal of Clinical Oncology*, **2016**, 34, e15750-e15750	2.2	6
162	Epigallocatechin-3-gallate targets cancer stem-like cells and enhances 5-fluorouracil chemosensitivity in colorectal cancer. *Oncotarget*, **2016**, 7, 16158-71	3.3	102
161	Sirt1 Is Required for Resveratrol-Mediated Chemopreventive Effects in Colorectal Cancer Cells. *Nutrients*, **2016**, 8, 145	6.7	70
160	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
159	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
158	Girdin (GIV) Expression as a Prognostic Marker of Recurrence in Mismatch Repair-Proficient Stage II Colon Cancer. *Clinical Cancer Research*, **2016**, 22, 3488-98	12.9	20
157	DNA methylation patterns as noninvasive biomarkers and targets of epigenetic therapies in colorectal cancer. *Epigenomics*, **2016**, 8, 685-703	4.4	33
156	Presentation of the Julius M. Friedenwald Medal to C. Richard Boland, MD, AGAF. *Gastroenterology*, **2016**, 150, 1673-1677	13.3	
155	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
154	Immunodeficiency and autoimmune enterocolopathy linked to NFAT5 haploinsufficiency. *Journal of Immunology*, **2015**, 194, 2551-60	5.3	28
153	The rare BRAF VK600-601E mutation as a possible indicator of poor prognosis in rectal carcinoma a report of a case. *BMC Medical Genetics*, **2015**, 16, 1	2.1	12
152	Epigenetic Alterations in Colorectal Cancer: Emerging Biomarkers. *Gastroenterology*, **2015**, 149, 1204-1225.e12	13.3	428
151	Immunotherapy of Metastatic Colorectal Cancer: Prevailing Challenges and New Perspectives. *Current Colorectal Cancer Reports*, **2015**, 11, 125-140	1	21

150	An update on miRNAs as biological and clinical determinants in colorectal cancer: a bench-to-bedside approach. *Future Oncology*, **2015**, 11, 1791-808	3.6	20
149	Pitfalls in the diagnosis of biallelic PMS2 mutations. *Familial Cancer*, **2015**, 14, 411-4	3	7
148	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
147	Serum angiopoietin-like protein 2 as a potential biomarker for diagnosis, early recurrence and prognosis in gastric cancer patients. *Carcinogenesis*, **2015**, 36, 1474-83	4.6	18
146	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
145	Fluorescence virus-guided capturing system of human colorectal circulating tumour cells for non-invasive companion diagnostics. *Gut*, **2015**, 64, 627-35	19.2	23
144	MicroRNA-29c mediates initiation of gastric carcinogenesis by directly targeting ITGB1. *Gut*, **2015**, 64, 203-14	19.2	116
143	Epigenetic changes and alternate promoter usage by human colon cancers for expressing DCLK1-isoforms: Clinical Implications. *Scientific Reports*, **2015**, 5, 14983	4.9	39
142	Genetic and epigenetic alterations of netrin-1 receptors in gastric cancer with chromosomal instability. *Clinical Epigenetics*, **2015**, 7, 73	7.7	6
141	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
140	MicroRNA-21 predicts response to preoperative chemoradiotherapy in locally advanced rectal cancer. *International Journal of Colorectal Disease*, **2015**, 30, 899-906	3	37
139	Curcumin potentiates antitumor activity of 5-fluorouracil in a 3D alginate tumor microenvironment of colorectal cancer. *BMC Cancer*, **2015**, 15, 250	4.8	89
138	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
137	Prevalence of somatic mutl homolog 1 promoter hypermethylation in Lynch syndrome colorectal cancer. *Cancer*, **2015**, 121, 1395-404	6.4	39
136	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
135	Identification of a metastasis-specific MicroRNA signature in human colorectal cancer. *Journal of the National Cancer Institute*, **2015**, 107,	9.7	121
134	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
133	Daple is a novel non-receptor GEF required for trimeric G protein activation in Wnt signaling. *ELife*, **2015**, 4, e07091	8.9	78

132	Preoperative serum microRNA-203 as a novel prognostic and metastasis-predictive biomarker in patients with colorectal cancer.. *Journal of Clinical Oncology*, **2015**, 33, 564-564	2.2	
131	The Epigenetics in Intestinal Tumorigenesis **2015**, 137-168		
130	DNA methylome profiling identifies novel methylated genes in African American patients with colorectal neoplasia. *Epigenetics*, **2014**, 9, 503-12	5.7	55
129	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
128	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
127	Metastasis-associated long non-coding RNA drives gastric cancer development and promotes peritoneal metastasis. *Carcinogenesis*, **2014**, 35, 2731-9	4.6	200
126	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
125	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
124	Curcumin chemosensitizes 5-fluorouracil resistant MMR-deficient human colon cancer cells in high density cultures. *PLoS ONE*, **2014**, 9, e85397	3.7	77
123	MicroRNA miR-J1-5p as a potential biomarker for JC virus infection in the gastrointestinal tract. *PLoS ONE*, **2014**, 9, e100036	3.7	21
122	IGFBP3 methylation is a novel diagnostic and predictive biomarker in colorectal cancer. *PLoS ONE*, **2014**, 9, e104285	3.7	38
121	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
120	Immune response to JC virus T antigen in patients with and without colorectal neoplasia. *Gut Microbes*, **2014**, 5, 468-75	8.8	5
119	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
118	Efficacy and safety of curcumin in major depressive disorder: a randomized controlled trial. *Phytotherapy Research*, **2014**, 28, 579-85	6.7	129
117	Colorectal advanced neoplasms occur through dual carcinogenesis pathways in individuals with coexisting serrated polyps. *PLoS ONE*, **2014**, 9, e98059	3.7	8
116	Technical factors involved in the measurement of circulating microRNA biomarkers for the detection of colorectal neoplasia. *PLoS ONE*, **2014**, 9, e112481	3.7	40
115	Methylation kinetics and CpG-island methylator phenotype status in colorectal cancer cell lines. *Biology Direct*, **2013**, 8, 14	7.2	7

114	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
113	MicroRNA-200c modulates epithelial-to-mesenchymal transition (EMT) in human colorectal cancer metastasis. *Gut*, **2013**, 62, 1315-26	19.2	434
112	MicroRNA in gastrointestinal cancer: a step closer to reality. *Advances in Clinical Chemistry*, **2013**, 62, 221-68	5.8	21
111	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
110	Toward a comprehensive and systematic methylome signature in colorectal cancers. *Epigenetics*, **2013**, 8, 807-15	5.7	47
109	Curcumin modulates DNA methylation in colorectal cancer cells. *PLoS ONE*, **2013**, 8, e57709	3.7	109
108	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
107	Unique association between global DNA hypomethylation and chromosomal alterations in human hepatocellular carcinoma. *PLoS ONE*, **2013**, 8, e72312	3.7	27
106	Methylated miR-124, -137, and -34b/c as predictive biomarkers for ulcerative colitis-associated colorectal neoplasia.. *Journal of Clinical Oncology*, **2013**, 31, e14631-e14631	2.2	1
105	The Diagnostic, Prognostic, and Predictive Potential of MicroRNA Biomarkers in Colorectal Cancer. *Current Colorectal Cancer Reports*, **2012**, 8, 22-31	1	3
104	Characteristic patterns of altered DNA methylation predict emergence of human hepatocellular carcinoma. *Hepatology*, **2012**, 56, 994-1003	11.2	110
103	Epigenetic mechanisms in oral carcinogenesis. *Future Oncology*, **2012**, 8, 1407-25	3.6	80
102	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
101	Epigenetics of colorectal cancer. *Gastroenterology*, **2012**, 143, 1442-1460.e1	13.3	173
100	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
99	Feasibility of fecal microRNAs as novel biomarkers for pancreatic cancer. *PLoS ONE*, **2012**, 7, e42933	3.7	62
98	A high degree of LINE-1 hypomethylation is a unique feature of early-onset colorectal cancer. *PLoS ONE*, **2012**, 7, e45357	3.7	129
97	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

96	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
95	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
94	Boswellic acid induces epigenetic alterations by modulating DNA methylation in colorectal cancer cells. *Cancer Biology and Therapy*, **2012**, 13, 542-52	4.6	43
93	Microsatellite instability and DNA mismatch repair protein deficiency in Lynch syndrome colorectal polyps. *Cancer Prevention Research*, **2012**, 5, 574-82	3.2	82
92	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
91	Diet-Induced Epigenetic Changes and Cancer Prevention: A Mantra for Healthy Living **2012**, 283-326		1
90	The clinical significance of MiR-148a as a predictive biomarker in patients with advanced colorectal cancer. *PLoS ONE*, **2012**, 7, e46684	3.7	123
89	Prediction of lymph node metastasis and prognosis in colorectal cancer patients using slug and vimentin expression.. *Journal of Clinical Oncology*, **2012**, 30, e14029-e14029	2.2	
88	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
87	Genetic and epigenetic signatures in human hepatocellular carcinoma: a systematic review. *Current Genomics*, **2011**, 12, 130-7	2.6	148
86	Novel candidate colorectal cancer biomarkers identified by methylation microarray-based scanning. *Endocrine-Related Cancer*, **2011**, 18, 465-78	5.7	55
85	Epigenetic changes induced by curcumin and other natural compounds. *Genes and Nutrition*, **2011**, 6, 93-108	4.3	234
84	Serrated Pathway to Colorectal Carcinogenesis: A Molecular Perspective. *Current Colorectal Cancer Reports*, **2011**, 7, 50-57	1	
83	Microsatellite instability in colorectal adenomas and hyperplastic polyps in Lynch syndrome. *Hereditary Cancer in Clinical Practice*, **2011**, 9, O4	2.3	78
82	John Cunningham virus T-antigen expression in anal carcinoma. *Cancer*, **2011**, 117, 2379-85	6.4	17
81	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
80	Interleukin-6 promotes tumorigenesis by altering DNA methylation in oral cancer cells. *International Journal of Cancer*, **2011**, 129, 1053-63	7.5	114
79	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

78	Colorectal cancers with microsatellite instability display unique miRNA profiles. *Clinical Cancer Research*, **2011**, 17, 6239-49	12.9	88
77	An optimized pentaplex PCR for detecting DNA mismatch repair-deficient colorectal cancers. *PLoS ONE*, **2010**, 5, e9393	3.7	112
76	MSH6 and MUTYH deficiency is a frequent event in early-onset colorectal cancer. *Clinical Cancer Research*, **2010**, 16, 5402-13	12.9	70
75	Epigenetic silencing of miR-137 is an early event in colorectal carcinogenesis. *Cancer Research*, **2010**, 70, 6609-18	10.1	249
74	Somatic hypermethylation of MSH2 is a frequent event in Lynch Syndrome colorectal cancers. *Cancer Research*, **2010**, 70, 3098-108	10.1	146
73	Clearing the air on smoking and colorectal cancer. *Journal of the National Cancer Institute*, **2010**, 102, 996-7	9.7	9
72	Fecal MicroRNAs as novel biomarkers for colon cancer screening. *Cancer Epidemiology Biomarkers and Prevention*, **2010**, 19, 1766-74	4	258
71	Blood-based peptide, genetic, and epigenetic biomarkers for diagnosing gastrointestinal cancers. *Expert Opinion on Medical Diagnostics*, **2010**, 4, 459-71		1
70	Nitric oxide: perspectives and emerging studies of a well known cytotoxin. *International Journal of Molecular Sciences*, **2010**, 11, 2715-45	6.3	40
69	Low frequency of Lynch syndrome among young patients with non-familial colorectal cancer. *Clinical Gastroenterology and Hepatology*, **2010**, 8, 966-71	6.9	54
68	Microsatellite instability in colorectal cancer. *Gastroenterology*, **2010**, 138, 2073-2087.e3	13.3	1249
67	Aberrant DNA methylation in hereditary nonpolyposis colorectal cancer without mismatch repair deficiency. *Gastroenterology*, **2010**, 138, 1854-62	13.3	83
66	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
65	Recent insights into the pathogenesis of colorectal cancer. *Current Opinion in Gastroenterology*, **2010**, 26, 47-52	3	57
64	Cancer chemoprevention by dietary polyphenols: promising role for epigenetics. *Biochemical Pharmacology*, **2010**, 80, 1771-92	6	357
63	Microsatellite instability among individuals of Hispanic origin with colorectal cancer. *Cancer*, **2010**, 116, 4965-72	6.4	25
62	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
61	Promoter methylation in the genesis of gastrointestinal cancer. *Yonsei Medical Journal*, **2009**, 50, 309-213		19

60	JC virus mediates invasion and migration in colorectal metastasis. *PLoS ONE*, **2009**, 4, e8146	3.7	33
59	Chromosomal instability and cancer: not just one CINgle mechanism. *Gut*, **2009**, 58, 163-4	19.2	16
58	Analysis of fecal DNA methylation to detect gastrointestinal neoplasia. *Journal of the National Cancer Institute*, **2009**, 101, 1244-58	9.7	108
57	Aurora-A expression is independently associated with chromosomal instability in colorectal cancer. *Neoplasia*, **2009**, 11, 418-25	6.4	81
56	Curcumin as "Curecumin": from kitchen to clinic. *Biochemical Pharmacology*, **2008**, 75, 787-809	6	1537
55	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
54	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
53	Molecular classification and correlates in colorectal cancer. *Journal of Molecular Diagnostics*, **2008**, 10, 13-27	5.1	318
52	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
51	JC virus infection in colorectal neoplasia that develops after liver transplantation. *Clinical Cancer Research*, **2008**, 14, 6717-21	12.9	25
50	Genetic instability caused by loss of MutS homologue 3 in human colorectal cancer. *Cancer Research* , **2008**, 68, 8465-72	10.1	118
49	CpG Island methylator phenotype in colorectal cancer: A current perspective. *Current Colorectal Cancer Reports*, **2008**, 4, 77-83	1	3
48	Multi-targeted therapy by curcumin: how spicy is it?. *Molecular Nutrition and Food Research*, **2008**, 52, 1010-30	5.9	166
47	JC virus T-antigen expression in sporadic adenomatous polyps of the colon. *Cancer*, **2008**, 112, 1028-36	6.4	43
46	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
45	Molecular characteristics and predictors of survival in patients with malignant neuroendocrine tumors. *International Journal of Cancer*, **2008**, 123, 1556-64	7.5	32
44	The role of viral and bacterial pathogens in gastrointestinal cancer. *Journal of Cellular Physiology*, **2008**, 216, 378-88	7	32
43	Aberrant methylation of multiple tumor suppressor genes in aging liver, chronic hepatitis, and hepatocellular carcinoma. *Hepatology*, **2008**, 47, 908-18	11.2	211

42	Genetic and Epigenetic Pathways to Colon Cancer Relating Experimental Evidence with Modeling **2008**, 1-30		
41	Zinc mediates normalization of hepatic drug metabolizing enzymes in chlorpyrifos-induced toxicity. *Toxicology Letters*, **2007**, 169, 26-33	4.4	29
40	Chemopreventive potential of zinc in experimentally induced colon carcinogenesis. *Toxicology Letters*, **2007**, 171, 10-8	4.4	48
39	The CpG island methylator phenotype and chromosomal instability are inversely correlated in sporadic colorectal cancer. *Gastroenterology*, **2007**, 132, 127-38	13.3	242
38	Epigenetic and genetic alterations in Netrin-1 receptors UNC5C and DCC in human colon cancer. *Gastroenterology*, **2007**, 133, 1849-57	13.3	82
37	DNA tumor viruses and colorectal cancer. *Current Colorectal Cancer Reports*, **2007**, 3, 76-81	1	1
36	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
35	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
34	Oncogenic T-antigen of JC virus is present frequently in human gastric cancers. *Cancer*, **2006**, 107, 481-86	6.4	56
33	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
32	Association of JC virus T-antigen expression with the methylator phenotype in sporadic colorectal cancers. *Gastroenterology*, **2006**, 130, 1950-61	13.3	85
31	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
30	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
29	Detection of fecal DNA methylation for colorectal neoplasia: does it lead to an optimal screening test?. *Acta Medica Okayama*, **2006**, 60, 249-56	0.5	4
28	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
27	Somatic evolution of cancer cells. *Seminars in Cancer Biology*, **2005**, 15, 436-50	12.7	36
26	Clinicopathological features and microsatellite instability (MSI) in colorectal cancers from African Americans. *International Journal of Cancer*, **2005**, 116, 914-9	7.5	64
25	Molecular pathogenesis of colorectal cancer: implications for molecular diagnosis. *Cancer*, **2005**, 104, 2035-47	6.4	112

24	Mesalazine improves replication fidelity in cultured colorectal cells. *Cancer Research*, **2005**, 65, 3993-7	10.1	50
23	Chemoprevention goes gourmet: different flavors of NO-aspirin. *Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics*, **2005**, 5, 207-10		3
22	JC virus and colorectal cancer: a possible trigger in the chromosomal instability pathways. *Current Opinion in Gastroenterology*, **2005**, 21, 85-9	3	48
21	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
20	Frequent inactivation of PTEN by promoter hypermethylation in microsatellite instability-high sporadic colorectal cancers. *Cancer Research*, **2004**, 64, 3014-21	10.1	248
19	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
18	Epigenetic inactivation of RUNX3 in microsatellite unstable sporadic colon cancers. *International Journal of Cancer*, **2004**, 112, 754-9	7.5	89
17	Use of 5-fluorouracil and survival in patients with microsatellite-unstable colorectal cancer. *Gastroenterology*, **2004**, 126, 394-401	13.3	364
16	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
15	Microsatellite instability and suppressed DNA repair enzyme expression in rheumatoid arthritis. *Journal of Immunology*, **2003**, 170, 2214-20	5.3	74
14	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
13	A novel mechanism for aspirin-mediated growth inhibition of human colon cancer cells. *Clinical Cancer Research*, **2003**, 9, 383-90	12.9	106
12	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
11	Characterization of sporadic colon cancer by patterns of genomic instability. *Cancer Research*, **2003**, 63, 1608-14	10.1	181
10	Induction of chromosomal instability in colonic cells by the human polyomavirus JC virus. *Cancer Research*, **2003**, 63, 7256-62	10.1	91
9	Zinc supplementation prevents liver injury in chlorpyrifos-treated rats. *Biological Trace Element Research*, **2001**, 82, 185-200	4.5	30
8	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
7	Multistep progression of colorectal cancer in the setting of microsatellite instability: new details and novel insights. *Gastroenterology*, **2001**, 121, 1497-502	13.3	25

6	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
5	Steady-state regulation of the human DNA mismatch repair system. *Journal of Biological Chemistry*, **2000**, 275, 18424-31	5.4	150
4	Steady-state regulation of the human DNA mismatch repair system.. *Journal of Biological Chemistry*, **2000**, 275, 29178	5.4	18
3	Two Isoforms of the Guanine Nucleotide Exchange Factor, Daple/CCDC88C Cooperate as Tumor Suppressors		1
2	Biology and Genetics of Colorectal Cancer and Polyps and Polyposis428-437		0
1	The protective effect of aspirin in colorectal carcinogenesis: a multiscale computational study from mutant evolution to age incidence curves		1