

Raquel Seruca

List of Publications by Year in Descending Order

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

210
papers

11,930
citations

58
h-index

101
g-index

212
ext. papers

13,246
ext. citations

6.4
avg, IF

5.63
L-index

#	Paper	IF	Citations
210	Proteomic Identification of a Gastric Tumor ECM Signature Associated With Cancer Progression.. <i>Frontiers in Molecular Biosciences</i> , 2022 , 9, 818552	5.6	2
209	Differential Impacts on Tensional Homeostasis of Gastric Cancer Cells Due to Distinct Domain Variants of E-Cadherin. <i>Cancers</i> , 2022 , 14, 2690	6.6	
208	Hereditary Gastric Cancer: A New Syndrome. <i>Updates in Surgery Series</i> , 2021 , 37-50	0.1	2
207	Germline G212E Missense Variant: Combining Clinical, In Vitro and In Vivo Strategies to Unravel Disease Burden. <i>Cancers</i> , 2021 , 13,	6.6	3
206	The Porto European Cancer Research Summit 2021. <i>Molecular Oncology</i> , 2021 , 15, 2507-2543	7.9	1
205	Integrin β orchestrates the abnormal cell-matrix attachment and invasive behaviour of E-cadherin dysfunctional cells. <i>Gastric Cancer</i> , 2021 , 1	7.6	4
204	A machine learning approach for single cell interphase cell cycle staging. <i>Scientific Reports</i> , 2021 , 11, 19278	4.9	0
203	Hereditary Gastric and Breast Cancer Syndromes Related to CDH1 Germline Mutation: A Multidisciplinary Clinical Review. <i>Cancers</i> , 2020 , 12,	6.6	18
202	Targets the EPHA2 Receptor Tyrosine Kinase in Gastric Cells Modulating Key Cellular Functions. <i>Cells</i> , 2020 , 9,	7.9	12
201	The Extracellular Matrix: An Accomplice in Gastric Cancer Development and Progression. <i>Cells</i> , 2020 , 9,	7.9	29
200	Hereditary diffuse gastric cancer: updated clinical practice guidelines. <i>Lancet Oncology</i> , 2020 , 21, e386-e397	21.7	95
199	E-cadherin deregulation in breast cancer. <i>Journal of Cellular and Molecular Medicine</i> , 2020 , 24, 5930-5936	5.6	29
198	Clinical spectrum and pleiotropic nature of germline mutations. <i>Journal of Medical Genetics</i> , 2019 , 56, 199-208	5.8	46
197	Targeting the Tumor Microenvironment: An Unexplored Strategy for Mutant KRAS Tumors. <i>Cancers</i> , 2019 , 11,	6.6	16
196	S100P is a molecular determinant of E-cadherin function in gastric cancer. <i>Cell Communication and Signaling</i> , 2019 , 17, 155	7.5	6
195	Hereditary lobular breast cancer with an emphasis on E-cadherin genetic defect. <i>Journal of Medical Genetics</i> , 2018 , 55, 431-441	5.8	47
194	E-cadherin signal sequence disruption: a novel mechanism underlying hereditary cancer. <i>Molecular Cancer</i> , 2018 , 17, 112	42.1	8

193	Geometric compensation applied to image analysis of cell populations with morphological variability: a new role for a classical concept. <i>Scientific Reports</i> , 2018 , 8, 10266	4.9	6
192	Dependence of Tensional Homeostasis on Cell Type and on Cell-Cell Interactions. <i>Cellular and Molecular Bioengineering</i> , 2018 , 11, 175-184	3.9	13
191	SRC inhibition prevents P-cadherin mediated signaling and function in basal-like breast cancer cells. <i>Cell Communication and Signaling</i> , 2018 , 16, 75	7.5	7
190	Targeting the PI3K Signalling as a Therapeutic Strategy in Colorectal Cancer. <i>Advances in Experimental Medicine and Biology</i> , 2018 , 1110, 35-53	3.6	12
189	Clinical and functional characterization of the CDH1 germline variant c.1679C>G in three unrelated families with hereditary diffuse gastric cancer. <i>European Journal of Human Genetics</i> , 2018 , 26, 1348-1353	5.3	7
188	Blue intensity matters for cell cycle profiling in fluorescence DAPI-stained images. <i>Laboratory Investigation</i> , 2017 , 97, 615-625	5.9	24
187	Predicting the Functional Impact of CDH1 Missense Mutations in Hereditary Diffuse Gastric Cancer. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	32
186	Capturing quantitative features of protein expression from in situ fluorescence microscopic images of cancer cell populations 2017 , 279-297		
185	O-mannosylation and N-glycosylation: two coordinated mechanisms regulating the tumour suppressor functions of E-cadherin in cancer. <i>Oncotarget</i> , 2016 , 7, 65231-65246	3.3	23
184	Specific inhibition of p110 β subunit of PI3K: putative therapeutic strategy for KRAS mutant colorectal cancers. <i>Oncotarget</i> , 2016 , 7, 68546-68558	3.3	7
183	Intricate Macrophage-Colorectal Cancer Cell Communication in Response to Radiation. <i>PLoS ONE</i> , 2016 , 11, e0160891	3.7	12
182	Ionizing radiation modulates human macrophages towards a pro-inflammatory phenotype preserving their pro-invasive and pro-angiogenic capacities. <i>Scientific Reports</i> , 2016 , 6, 18765	4.9	107
181	Quantification of topological features in cell meshes to explore E-cadherin dysfunction. <i>Scientific Reports</i> , 2016 , 6, 25101	4.9	15
180	CD44 alternative splicing in gastric cancer cells is regulated by culture dimensionality and matrix stiffness. <i>Biomaterials</i> , 2016 , 98, 152-62	15.6	29
179	Quantification of mutant E-cadherin using bioimaging analysis of in situ fluorescence microscopy. A new approach to CDH1 missense variants. <i>European Journal of Human Genetics</i> , 2015 , 23, 1072-9	5.3	25
178	Hereditary diffuse gastric cancer: updated clinical guidelines with an emphasis on germline CDH1 mutation carriers. <i>Journal of Medical Genetics</i> , 2015 , 52, 361-74	5.8	385
177	E-cadherin-defective gastric cancer cells depend on Laminin to survive and invade. <i>Human Molecular Genetics</i> , 2015 , 24, 5891-900	5.6	15
176	Target gene mutational pattern in Lynch syndrome colorectal carcinomas according to tumour location and germline mutation. <i>British Journal of Cancer</i> , 2015 , 113, 686-92	8.7	26

175	Matrix metalloproteases as maestros for the dual role of LPS- and IL-10-stimulated macrophages in cancer cell behaviour. <i>BMC Cancer</i> , 2015 , 15, 456	4.8	15
174	The novel colorectal cancer biomarkers CDO1, ZSCAN18 and ZNF331 are frequently methylated across gastrointestinal cancers. <i>International Journal of Cancer</i> , 2015 , 136, 844-53	7.5	59
173	Rare Variants in the Epithelial Cadherin Gene Underlying the Genetic Etiology of Nonsyndromic Cleft Lip with or without Cleft Palate. <i>Human Mutation</i> , 2015 , 36, 1029-33	4.7	36
172	Familial gastric cancer: genetic susceptibility, pathology, and implications for management. <i>Lancet Oncology</i> , 2015 , 16, e60-70	21.7	225
171	Colorectal cancer-related mutant KRAS alleles function as positive regulators of autophagy. <i>Oncotarget</i> , 2015 , 6, 30787-802	3.3	24
170	Biomarkers for gastric cancer: prognostic, predictive or targets of therapy?. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2014 , 464, 367-78	5.1	132
169	DNAJB4 molecular chaperone distinguishes WT from mutant E-cadherin, determining their fate in vitro and in vivo. <i>Human Molecular Genetics</i> , 2014 , 23, 2094-105	5.6	16
168	Hereditary diffuse gastric cancer - pathophysiology and clinical management. <i>Baillieres Best Practice and Research in Clinical Gastroenterology</i> , 2014 , 28, 1055-68	2.5	29
167	E-cadherin germline mutation carriers: clinical management and genetic implications. <i>Cancer and Metastasis Reviews</i> , 2014 , 33, 1081-94	9.6	40
166	Familial gastric carcinoma. <i>Diagnostic Histopathology</i> , 2014 , 20, 239-246	0.7	4
165	The germline CDH1 c.48 G>C substitution contributes to cancer predisposition through generation of a pro-invasive mutation. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2014 , 770, 106-11	3.3	10
164	New target genes in endometrial tumors show a role for the estrogen-receptor pathway in microsatellite-unstable cancers. <i>Human Mutation</i> , 2014 , 35, 1514-23	4.7	8
163	Dissecting the signaling pathways associated with the oncogenic activity of MLK3 P252H mutation. <i>BMC Cancer</i> , 2014 , 14, 182	4.8	8
162	Causes and consequences of microsatellite instability in gastric carcinogenesis. <i>World Journal of Gastroenterology</i> , 2014 , 20, 16433-42	5.6	52
161	Helicobacter pylori@ cholesterol uptake impacts resistance to docosahexaenoic acid. <i>International Journal of Medical Microbiology</i> , 2014 , 304, 314-20	3.7	17
160	High-throughput molecular profiling of a P-cadherin overexpressing breast cancer model reveals new targets for the anti-cancer bacterial protein azurin. <i>International Journal of Biochemistry and Cell Biology</i> , 2014 , 50, 1-9	5.6	14
159	Colorectal cancer and RASSF family--a special emphasis on RASSF1A. <i>International Journal of Cancer</i> , 2013 , 132, 251-8	7.5	50
158	Gastric cancer: adding glycosylation to the equation. <i>Trends in Molecular Medicine</i> , 2013 , 19, 664-76	11.5	75

157	Therapeutic targets associated to E-cadherin dysfunction in gastric cancer. <i>Expert Opinion on Therapeutic Targets</i> , 2013 , 17, 1187-201	6.4	19
156	Adherens junctions as targets of microorganisms: a focus on Helicobacter pylori. <i>FEBS Letters</i> , 2013 , 587, 259-65	3.8	25
155	Clinical utility gene card for: Hereditary diffuse gastric cancer (HDGC). <i>European Journal of Human Genetics</i> , 2013 , 21,	5.3	18
154	Helicobacter pylori infection affects mitochondrial function and DNA repair, thus, mediating genetic instability in gastric cells. <i>Mechanisms of Ageing and Development</i> , 2013 , 134, 460-6	5.6	31
153	A novel CDH1 germline missense mutation in a sporadic gastric cancer patient in north-east of Italy. <i>Clinical and Experimental Medicine</i> , 2013 , 13, 149-57	4.9	14
152	P-cadherin functional role is dependent on E-cadherin cellular context: a proof of concept using the breast cancer model. <i>Journal of Pathology</i> , 2013 , 229, 705-18	9.4	53
151	The importance of E-cadherin binding partners to evaluate the pathogenicity of E-cadherin missense mutations associated to HDGC. <i>European Journal of Human Genetics</i> , 2013 , 21, 301-9	5.3	62
150	Identification of germline mutations in the cancer predisposing gene CDH1 in patients with orofacial clefts. <i>Human Molecular Genetics</i> , 2013 , 22, 919-26	5.6	44
149	Hereditary Diffuse Gastric Cancer and Other Gastric Cancers Associated with Hereditary Predisposition Syndromes. <i>Molecular Pathology Library</i> , 2013 , 83-107		
148	E-cadherin alterations in hereditary disorders with emphasis on hereditary diffuse gastric cancer. <i>Progress in Molecular Biology and Translational Science</i> , 2013 , 116, 337-59	4	44
147	E-cadherin and adherens-junctions stability in gastric carcinoma: functional implications of glycosyltransferases involving N-glycan branching biosynthesis, N-acetylglucosaminyltransferases III and V. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013 , 1830, 2690-700	4	79
146	E-Cadherin Radial Distribution Characterization for Mutation Detection Purposes. <i>Lecture Notes in Computer Science</i> , 2013 , 173-180	0.9	2
145	Crosstalk between Helicobacter pylori and gastric epithelial cells is impaired by docosahexaenoic acid. <i>PLoS ONE</i> , 2013 , 8, e60657	3.7	19
144	Somatic mutations and deletions of the E-cadherin gene predict poor survival of patients with gastric cancer. <i>Journal of Clinical Oncology</i> , 2013 , 31, 868-75	2.2	128
143	CCAAT/enhancer binding protein (C/EBP) isoforms as transcriptional regulators of the pro-invasive CDH3/P-cadherin gene in human breast cancer cells. <i>PLoS ONE</i> , 2013 , 8, e55749	3.7	16
142	The bacterial protein azurin impairs invasion and FAK/Src signaling in P-cadherin-overexpressing breast cancer cell models. <i>PLoS ONE</i> , 2013 , 8, e69023	3.7	26
141	CLMP is essential for intestinal development, but does not play a key role in cellular processes involved in intestinal epithelial development. <i>PLoS ONE</i> , 2013 , 8, e54649	3.7	11
140	Insulin/IGF-I signaling pathways enhances tumor cell invasion through bisecting GlcNAc N-glycans modulation. an interplay with E-cadherin. <i>PLoS ONE</i> , 2013 , 8, e81579	3.7	23

139	Germline Missense Mutants in Hereditary Diffuse Gastric Cancer 2013 , 77-86		7
138	Non-CDH1-Associated Familial Gastric Cancer and Epigenetics Factors 2013 , 111-125		
137	Epithelial E- and P-cadherins: role and clinical significance in cancer. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2012 , 1826, 297-311	11.2	107
136	Candidate driver genes in microsatellite-unstable colorectal cancer. <i>International Journal of Cancer</i> , 2012 , 130, 1558-66	7.5	78
135	E-cadherin dysfunction in gastric cancer--cellular consequences, clinical applications and open questions. <i>FEBS Letters</i> , 2012 , 586, 2981-9	3.8	63
134	CPEB1, a novel gene silenced in gastric cancer: a Drosophila approach. <i>Gut</i> , 2012 , 61, 1115-23	19.2	38
133	Mutant BRAF induces DNA strand breaks, activates DNA damage response pathway, and up-regulates glucose transporter-1 in nontransformed epithelial cells. <i>American Journal of Pathology</i> , 2012 , 180, 1179-1188	5.8	25
132	Highlights of the EORTC St. Gallen International Expert Consensus on the primary therapy of gastric, gastroesophageal and oesophageal cancer - differential treatment strategies for subtypes of early gastroesophageal cancer. <i>European Journal of Cancer</i> , 2012 , 48, 2941-53	7.5	104
131	CLMP is required for intestinal development, and loss-of-function mutations cause congenital short-bowel syndrome. <i>Gastroenterology</i> , 2012 , 142, 453-462.e3	13.3	43
130	Loss and recovery of Mgat3 and GnT-III Mediated E-cadherin N-glycosylation is a mechanism involved in epithelial-mesenchymal-epithelial transitions. <i>PLoS ONE</i> , 2012 , 7, e33191	3.7	79
129	E-cadherin destabilization accounts for the pathogenicity of missense mutations in hereditary diffuse gastric cancer. <i>PLoS ONE</i> , 2012 , 7, e33783	3.7	48
128	P-cadherin is coexpressed with CD44 and CD49f and mediates stem cell properties in basal-like breast cancer. <i>Stem Cells</i> , 2012 , 30, 854-64	5.8	53
127	Lack of microRNA-101 causes E-cadherin functional deregulation through EZH2 up-regulation in intestinal gastric cancer. <i>Journal of Pathology</i> , 2012 , 228, 31-44	9.4	100
126	Transcription initiation arising from E-cadherin/CDH1 intron2: a novel protein isoform that increases gastric cancer cell invasion and angiogenesis. <i>Human Molecular Genetics</i> , 2012 , 21, 4253-69	5.6	14
125	E-cadherin impairment increases cell survival through Notch-dependent upregulation of Bcl-2. <i>Human Molecular Genetics</i> , 2012 , 21, 334-43	5.6	35
124	Docosahexaenoic acid inhibits Helicobacter pylori growth in vitro and mice gastric mucosa colonization. <i>PLoS ONE</i> , 2012 , 7, e35072	3.7	73
123	Oncogenic mutations in gastric cancer with microsatellite instability. <i>European Journal of Cancer</i> , 2011 , 47, 443-51	7.5	78
122	E-cadherin genetic screening and clinico-pathologic characteristics of early onset gastric cancer. <i>European Journal of Cancer</i> , 2011 , 47, 631-9	7.5	59

121	P-cadherin role in normal breast development and cancer. <i>International Journal of Developmental Biology</i> , 2011 , 55, 811-22	1.9	50
120	ADP-ribosylation factor 6 mediates E-cadherin recovery by chemical chaperones. <i>PLoS ONE</i> , 2011 , 6, e23188	3.78	21
119	Modulation of E-cadherin function and dysfunction by N-glycosylation. <i>Cellular and Molecular Life Sciences</i> , 2011 , 68, 1011-20	10.3	112
118	MSI phenotype and MMR alterations in familial and sporadic gastric cancer. <i>International Journal of Cancer</i> , 2011 , 128, 1606-13	7.5	46
117	Bacterial protein azurin as a new candidate drug to treat untreatable breast cancers 2011 ,		3
116	De novo expression of CD44 variants in sporadic and hereditary gastric cancer. <i>Laboratory Investigation</i> , 2010 , 90, 1604-14	5.9	60
115	C/EBP alpha expression is associated with homeostasis of the gastric epithelium and with gastric carcinogenesis. <i>Laboratory Investigation</i> , 2010 , 90, 1132-9	5.9	20
114	ICI 182,780 induces P-cadherin overexpression in breast cancer cells through chromatin remodelling at the promoter level: a role for C/EBPbeta in CDH3 gene activation. <i>Human Molecular Genetics</i> , 2010 , 19, 2554-66	5.6	17
113	Allele-specific CDH1 downregulation and hereditary diffuse gastric cancer. <i>Human Molecular Genetics</i> , 2010 , 19, 943-52	5.6	81
112	Methylation tolerance due to an O6-methylguanine DNA methyltransferase (MGMT) field defect in the colonic mucosa: an initiating step in the development of mismatch repair-deficient colorectal cancers. <i>Gut</i> , 2010 , 59, 1516-26	19.2	42
111	Mixed lineage kinase 3 gene mutations in mismatch repair deficient gastrointestinal tumours. <i>Human Molecular Genetics</i> , 2010 , 19, 697-706	5.6	21
110	Microbial-based therapy of cancer: current progress and future prospects. <i>Bioengineered Bugs</i> , 2010 , 1, 178-90		50
109	Pathology and genetics of familial gastric cancer. <i>International Journal of Surgical Pathology</i> , 2010 , 18, 33S-36S	1.2	13
108	KRAS signaling pathway alterations in microsatellite unstable gastrointestinal cancers. <i>Advances in Cancer Research</i> , 2010 , 109, 123-43	5.9	10
107	Helicobacter pylori infection generates genetic instability in gastric cells. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2010 , 1806, 58-65	11.2	42
106	Germline CDH1 deletions in hereditary diffuse gastric cancer families. <i>Human Molecular Genetics</i> , 2009 , 18, 1545-55	5.6	159
105	KRAS mutations and anti-epidermal growth factor receptor therapy in colorectal cancer with lymph node metastases. <i>Journal of Clinical Oncology</i> , 2009 , 27, 158-9; author reply 159	2.2	12
104	Helicobacter pylori infection induces genetic instability of nuclear and mitochondrial DNA in gastric cells. <i>Clinical Cancer Research</i> , 2009 , 15, 2995-3002	12.9	107

103	Analysis of microsatellite instability in medulloblastoma. <i>Neuro-Oncology</i> , 2009 , 11, 458-67	1	12
102	The role of N-acetylglucosaminyltransferase III and V in the post-transcriptional modifications of E-cadherin. <i>Human Molecular Genetics</i> , 2009 , 18, 2599-608	5.6	82
101	Proliferation and survival molecules implicated in the inhibition of BRAF pathway in thyroid cancer cells harbouring different genetic mutations. <i>BMC Cancer</i> , 2009 , 9, 387	4.8	22
100	E-cadherin mutations and cell motility: a genotype-phenotype correlation. <i>Experimental Cell Research</i> , 2009 , 315, 1393-402	4.2	59
99	Estrogens, MSI and Lynch syndrome-associated tumors. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2009 , 1796, 194-200	11.2	7
98	The mechanisms underlying MMR deficiency in immunodeficiency-related non-Hodgkin lymphomas are different from those in other sporadic microsatellite instable neoplasms. <i>International Journal of Cancer</i> , 2009 , 125, 2360-6	7.5	15
97	Hereditary gastric cancer. <i>Baillieres Best Practice and Research in Clinical Gastroenterology</i> , 2009 , 23, 147-57	2.5	53
96	Evidence of tumor microsatellite instability in gastric cancer with familial aggregation. <i>Familial Cancer</i> , 2009 , 8, 215-20	3	38
95	TP53 germline mutations in Portugal and genetic modifiers of age at cancer onset. <i>Familial Cancer</i> , 2009 , 8, 383-90	3	12
94	Gastric cardia carcinoma is associated with the promoter -77T>C gene polymorphism of X-ray cross-complementing group 1 (XRCC1). <i>Journal of Gastrointestinal Surgery</i> , 2009 , 13, 2233-8	3.3	17
93	Mononucleotide precedes dinucleotide repeat instability during colorectal tumour development in Lynch syndrome patients. <i>Journal of Pathology</i> , 2009 , 219, 96-102	9.4	18
92	CagA associates with c-Met, E-cadherin, and p120-catenin in a multiproteic complex that suppresses Helicobacter pylori-induced cell-invasive phenotype. <i>Journal of Infectious Diseases</i> , 2009 , 200, 745-55	7	84
91	Luteolin, quercetin and ursolic acid are potent inhibitors of proliferation and inducers of apoptosis in both KRAS and BRAF mutated human colorectal cancer cells. <i>Cancer Letters</i> , 2009 , 281, 162-70	9.9	128
90	Quantification of epigenetic and genetic 2nd hits in CDH1 during hereditary diffuse gastric cancer syndrome progression. <i>Gastroenterology</i> , 2009 , 136, 2137-48	13.3	128
89	PIK3CA Gene Alterations in Human Cancers 2009 , 1-20		
88	Epidermal growth factor receptor structural alterations in gastric cancer. <i>BMC Cancer</i> , 2008 , 8, 10	4.8	40
87	BRAF, KRAS and PIK3CA mutations in colorectal serrated polyps and cancer: primary or secondary genetic events in colorectal carcinogenesis?. <i>BMC Cancer</i> , 2008 , 8, 255	4.8	105
86	Somatic mutations in mismatch repair genes in sporadic gastric carcinomas are not a cause but a consequence of the mutator phenotype. <i>Cancer Genetics and Cytogenetics</i> , 2008 , 180, 110-4		21

85	B-Raf(V600E) cooperates with alternative spliced Rac1b to sustain colorectal cancer cell survival. <i>Gastroenterology</i> , 2008 , 135, 899-906	13.3	54
84	Molecular targets and biological modifiers in gastric cancer. <i>Seminars in Diagnostic Pathology</i> , 2008 , 25, 274-87	4.3	23
83	Endoplasmic reticulum quality control: a new mechanism of E-cadherin regulation and its implication in cancer. <i>Human Molecular Genetics</i> , 2008 , 17, 3566-76	5.6	58
82	Tumor necrosis factor alpha extended haplotypes and risk of gastric carcinoma. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2008 , 17, 2416-20	4	32
81	The interleukin-8-251*T/*A polymorphism is not associated with risk for gastric carcinoma development in a Portuguese population. <i>European Journal of Cancer Prevention</i> , 2008 , 17, 28-32	2	40
80	BRAF provides proliferation and survival signals in MSI colorectal carcinoma cells displaying BRAF(V600E) but not KRAS mutations. <i>Journal of Pathology</i> , 2008 , 214, 320-7	9.4	38
79	A subset of colorectal carcinomas express c-KIT protein independently of BRAF and/or KRAS activation. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2007 , 450, 619-26	5.1	11
78	Sequence diversity at the proximal 14q32.1 SERPIN subcluster: evidence for natural selection favoring the pseudogenization of SERPINA2. <i>Molecular Biology and Evolution</i> , 2007 , 24, 587-98	8.3	17
77	Tumour selection advantage of non-dominant negative P53 mutations in homozygotic MDM2-SNP309 colorectal cancer cells. <i>Journal of Medical Genetics</i> , 2007 , 44, 75-80	5.8	24
76	EGFR regulates RhoA-GTP dependent cell motility in E-cadherin mutant cells. <i>Human Molecular Genetics</i> , 2007 , 16, 1639-47	5.6	72
75	Specific clinical and biological features characterize inflammatory bowel disease associated colorectal cancers showing microsatellite instability. <i>Journal of Clinical Oncology</i> , 2007 , 25, 4231-8	2.2	57
74	In vitro demonstration of intra-locus compensation using the ornithine transcarbamylase protein as model. <i>Human Molecular Genetics</i> , 2007 , 16, 2209-14	5.6	12
73	High incidence of familial gastric cancer in Tuscany, a region in Italy. <i>Oncology</i> , 2007 , 72, 243-7	3.6	23
72	A model to infer the pathogenic significance of CDH1 germline missense variants. <i>Journal of Molecular Medicine</i> , 2006 , 84, 1023-31	5.5	59
71	Genetics of hereditary diffuse gastric cancer: progress and future challenges. <i>Future Oncology</i> , 2006 , 2, 363-70	3.6	12
70	Helicobacter pylori induces gastric epithelial cell invasion in a c-Met and type IV secretion system-dependent manner. <i>Journal of Biological Chemistry</i> , 2006 , 281, 34888-96	5.4	77
69	Genetics, pathology, and clinics of familial gastric cancer. <i>International Journal of Surgical Pathology</i> , 2006 , 14, 21-33	1.2	120
68	E-cadherin missense mutations, associated with hereditary diffuse gastric cancer (HDGC) syndrome, display distinct invasive behaviors and genetic interactions with the Wnt and Notch pathways in <i>Drosophila</i> epithelia. <i>Human Molecular Genetics</i> , 2006 , 15, 1704-12	5.6	31

67	Loss of functional E-cadherin renders cells more resistant to the apoptotic agent taxol in vitro. <i>Experimental Cell Research</i> , 2005 , 310, 99-104	4.2	46
66	The prevalence of PIK3CA mutations in gastric and colon cancer. <i>European Journal of Cancer</i> , 2005 , 41, 1649-54	7.5	290
65	BRAF-V600E is not involved in the colorectal tumorigenesis of HNPCC in patients with functional MLH1 and MSH2 genes. <i>Oncogene</i> , 2005 , 24, 3995-8	9.2	128
64	Concomitant RASSF1A hypermethylation and KRAS/BRAF mutations occur preferentially in MSI sporadic colorectal cancer. <i>Oncogene</i> , 2005 , 24, 7630-4	9.2	42
63	NOD2/CARD15 and TNFA, but not IL1B and IL1RN, are associated with Crohn's disease. <i>Inflammatory Bowel Diseases</i> , 2005 , 11, 331-9	4.5	44
62	beta-catenin (CTNNB1) gene amplification: a new mechanism of protein overexpression in cancer. <i>Genes Chromosomes and Cancer</i> , 2005 , 42, 238-46	5	29
61	Role of pathology in the identification of hereditary diffuse gastric cancer: report of a Portuguese family. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2005 , 446, 181-4	5.1	37
60	Characterization of a recurrent germ line mutation of the E-cadherin gene: implications for genetic testing and clinical management. <i>Clinical Cancer Research</i> , 2005 , 11, 5401-9	12.9	168
59	Distinct patterns of KRAS mutations in colorectal carcinomas according to germline mismatch repair defects and hMLH1 methylation status. <i>Human Molecular Genetics</i> , 2004 , 13, 2303-11	5.6	102
58	Intragenic deletion of CDH1 as the inactivating mechanism of the wild-type allele in an HDGC tumour. <i>Oncogene</i> , 2004 , 23, 2236-40	9.2	86
57	Model of the early development of diffuse gastric cancer in E-cadherin mutation carriers and its implications for patient screening. <i>Journal of Pathology</i> , 2004 , 203, 681-7	9.4	205
56	Activated BRAF targets proximal colon tumors with mismatch repair deficiency and MLH1 inactivation. <i>Genes Chromosomes and Cancer</i> , 2004 , 39, 138-42	5	73
55	E-Cadherin (CDH1) and p53 rather than SMAD4 and Caspase-10 germline mutations contribute to genetic predisposition in Portuguese gastric cancer patients. <i>European Journal of Cancer</i> , 2004 , 40, 1897-903	7.5	87
54	Genetic screening for familial gastric cancer. <i>Hereditary Cancer in Clinical Practice</i> , 2004 , 2, 51-64	2.3	25
53	Patterns of beta-catenin expression in gastric carcinoma: clinicopathological relevance and mutation analysis. <i>International Journal of Surgical Pathology</i> , 2003 , 11, 1-9	1.2	24
52	MBD4 mutations are rare in gastric carcinomas with microsatellite instability. <i>Cancer Genetics and Cytogenetics</i> , 2003 , 145, 103-7		15
51	Promoter methylation of TGFbeta receptor I and mutation of TGFbeta receptor II are frequent events in MSI sporadic gastric carcinomas. <i>Journal of Pathology</i> , 2003 , 200, 32-8	9.4	46
50	The intracellular E-cadherin germline mutation V832 M lacks the ability to mediate cell-cell adhesion and to suppress invasion. <i>Oncogene</i> , 2003 , 22, 5716-9	9.2	77

49	BRAF mutations and RET/PTC rearrangements are alternative events in the etiopathogenesis of PTC. <i>Oncogene</i> , 2003 , 22, 4578-80	9.2	525
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