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Prognostic value of tumor "budding" in patients with colorectal cancer

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#	Paper	IF	Citations
399	Distribution of gelatinase B (MMP-9) and type IV collagen in colorectal carcinoma. <b>1994</b> , 9, 141-8		32
398	Long-term results of curative resection of "minimally invasive" colorectal cancer. <i>Diseases of the Colon and Rectum</i> , <b>1995</b> , 38, 19-26	3.1	77
397	Prognostic value of pathological characteristics of colorectal cancer. <b>1995</b> , 31A, 1216-21		57
396	Endoscopic Management of Malignant Colorectal Polyps. <b>1996</b> , 5, 633-661		7
395	Cancer cell morphology at the invasive front and expression of cell adhesion-related carbohydrate in the primary lesion of patients with colorectal carcinoma with liver metastasis. <b>1996</b> , 78, 1179-86		95
394	Prognostic Factors in Colorectal Carcinoma. <b>1997</b> , 6, 463-494		4
393	Clinical significance of extrabowel skipped cancer infiltration in rectal cancer. <b>1997</b> , 27, 617-22		45
392	Altered distribution and synthesis of laminin-5 (kalinin) in oral lichen planus, epithelial dysplasias and squamous cell carcinomas. <b>1997</b> , 136, 331-336		12
391	Differential expression of laminin-5 subunits and integrin receptors in human colorectal neoplasia. <b>1998</b> , 185, 44-52		125
390	Prognostic significance of extranodal microscopic foci discontinuous with primary lesion in rectal cancer. <i>Diseases of the Colon and Rectum</i> , <b>1998</b> , 41, 55-61	3.1	55
389	Macroscopic features at the deepest site of tumor penetration predicting liver metastases of colorectal cancer. <b>1998</b> , 28, 123-8		16
388	Outcome of local excision for locally invasive rectal carcinomas with special reference to histological features at the invasive margin. <b>1998</b> , 28, 621-5		3
387	Markedly elevated cell turnover is characteristic of small, deeply invasive carcinomas of the colorectum. <b>1999</b> , 85, 796-802		7
386	Clinicopathological variables and p53 overexpression as a combined prognosticator for hematogenic recurrence in colorectal cancer. <b>1999</b> , 70, 1-5		4
385	Indicators for treatment strategies of colorectal liver metastases. <b>2000</b> , 231, 59-66		112
384	American Joint Committee on Cancer Prognostic Factors Consensus Conference: Colorectal Working Group. <b>2000</b> , 88, 1739-57		456
383	Tumor thickness is a histopathologic predictive parameter of tumor metastasis and prognosis in patients with Dukes stage C ulcerative-type colorectal carcinoma. A two-hospital-based study. <b>2000</b> , 89, 35-45		6

## (2002-2000)

382	Tumor cell budding and laminin-5 expression in colorectal carcinoma can be modulated by the tissue micro-environment. <b>2000</b> , 88, 708-17	57
381	Histologic grade of metastatic lymph node and prognosis of rectal cancer. <i>Diseases of the Colon and Rectum</i> , <b>2000</b> , 43, S40-6	12
380	Colorectal cancer before the age of 40: a case-control study. <i>Diseases of the Colon and Rectum</i> , <b>2000</b> , 43, 1222-6	25
379	The indication of local excision for T2 rectal carcinomas. <b>2001</b> , 181, 133-7	17
378	Is a proliferation index of cancer cells a reliable prognostic factor after hepatectomy in patients with colorectal liver metastases?. <b>2001</b> , 182, 81-8	56
377	Colonoscopic Treatment of Colon Cancers. <b>2001</b> , 10, 693-708	4
376	Epidermal growth factor receptor immunohistochemical reactivity in patients with American Joint Committee on Cancer Stage IV colon adenocarcinoma: implications for a standardized scoring system. <b>2001</b> , 92, 1331-46	318
375	Possible contribution of CD44 variant 6 and nuclear beta-catenin expression to the formation of budding tumor cells in patients with T1 colorectal carcinoma. <b>2001</b> , 92, 2539-46	60
374	Matrilysin (MMP-7) as a significant determinant of malignant potential of early invasive colorectal carcinomas. <b>2001</b> , 84, 1317-21	95
373	Expression and regulation of CD97 in colorectal carcinoma cell lines and tumor tissues. <b>2002</b> , 161, 1657-67	105
372	Nuclear morphometric analysis of T2 lesions of the rectuma simple, reproducible method for predicting malignancy potential. <b>2002</b> , 183, 686-91	6
371	Pathologic prognostic factors in the recurrence of rectal cancer. <b>2002</b> , 2, 149-60	44
370	Comparison of EUS and magnifying colonoscopy for assessment of small colorectal cancers. <b>2002</b> , 56, 354-60	48
369	Immunohistochemical analysis of IQGAP1 expression in human colorectal carcinomas: its overexpression in carcinomas and association with invasion fronts. <b>2002</b> , 176, 101-9	107
368	Laminin-gamma2 overexpression in head-and-neck squamous cell carcinoma. <b>2002</b> , 99, 583-8	35
367	Histologic indices in biopsy specimens for estimating the probability of extended local spread in patients with rectal carcinoma. <b>2002</b> , 94, 2882-91	82
366	Criteria for extramural perineural invasion as a prognostic factor in rectal cancer. <b>2001</b> , 88, 994-1000	41
365	Tumour <b>O</b> udding <b>O</b> as an index to estimate the potential of aggressiveness in rectal cancer. <b>2002</b> , 40, 127-32	447

364	Coexpression of matrilysin and laminin-5 gamma2 chain may contribute to tumor cell migration in colorectal carcinomas. <b>2003</b> , 48, 1262-7	32
363	Predictive factors for lymph node metastasis in T1 stage colorectal carcinomas. <i>Diseases of the Colon and Rectum</i> , <b>2003</b> , 46, 1626-32	83
362	Budding as a useful prognostic marker in pT3 well- or moderately-differentiated rectal adenocarcinoma. <b>2003</b> , 83, 42-7	69
361	Prospective evaluation of prognostic factors in patients with colorectal cancer undergoing curative resection. <b>2003</b> , 84, 127-31	67
360	Early colorectal cancer: recognition, classification and treatment. <b>1998</b> , 85, 469-76	35
359	Colorectal carcinoma: diagnostic, prognostic, and molecular features. <b>2003</b> , 16, 376-88	267
358	APC mutation and tumour budding in colorectal cancer. <b>2003</b> , 56, 69-73	124
357	Expression of GRP and its receptor in well-differentiated colon cancer cells correlates with the presence of focal adhesion kinase phosphorylated at tyrosines 397 and 407. <b>2003</b> , 51, 1041-8	47
356	Tumor budding as a useful prognostic marker in esophageal squamous cell carcinoma. <b>2004</b> , 17, 333-7	46
355	Analysis of pathological risk factors for lymph node metastasis of submucosal invasive colon cancer. <b>2004</b> , 17, 503-11	102
354	A study into methodology and application of quantification of tumour vasculature in rectal cancer. <b>2004</b> , 445, 263-70	4
353	Phosphorylation of focal adhesion kinase tyrosine 397 critically mediates gastrin-releasing peptide@morphogenic properties. <b>2004</b> , 199, 77-88	16
352	Risk factors for an adverse outcome in early invasive colorectal carcinoma. <b>2004</b> , 127, 385-94	526
351	Histological categorisation of fibrotic cancer stroma in advanced rectal cancer. <b>2004</b> , 53, 581-6	114
350	A new prognostic staging system for rectal cancer. <b>2004</b> , 240, 832-9	120
349	Endoskopische Mukosektomie von breitbasigen großn Adenomen und T1-Karzinomen im Kolon. <b>2005</b> , 21, 44-49	1
348	Tumor cell dissociation score highly correlates with lymph node metastasis in superficial esophageal carcinoma. <b>2005</b> , 20, 1371-8	15
347	Tumour budding as prognostic factor in stage I/II colorectal carcinoma. <b>2005</b> , 47, 17-24	130

## (2006-2005)

346	A novel classification of tumour budding in colorectal cancer based on the presence of cytoplasmic pseudo-fragments around budding foci. <b>2005</b> , 47, 25-31		80
345	Prognostic implication of laminin-5 gamma 2 chain expression in the invasive front of colorectal cancers, disclosed by area-specific four-point tissue microarrays. <b>2005</b> , 85, 257-66		47
344	Control of colorectal metastasis formation by K-Ras. <b>2005</b> , 1756, 103-14		27
343	[Prognostic value of invasive growth pattern in sporadic colorectal cancer]. 2005, 77, 337-42		2
342	Tumor budding and evidence-based treatment of T2 rectal carcinomas. <b>2005</b> , 92, 59-63		19
341	Intensity of tumor budding and its prognostic implications in invasive colon carcinoma. <i>Diseases of the Colon and Rectum</i> , <b>2005</b> , 48, 1597-602	3.1	72
340	Predictive histopathologic factors for lymph node metastasis in patients with nonpedunculated submucosal invasive colorectal carcinoma. <i>Diseases of the Colon and Rectum</i> , <b>2005</b> , 48, 92-100	3.1	98
339	Tumor budding as an indicator of isolated tumor cells in lymph nodes from patients with node-negative colorectal cancer. <i>Diseases of the Colon and Rectum</i> , <b>2005</b> , 48, 292-302	3.1	23
338	Evaluation of tumor cell dissociation as a predictive marker of lymph node metastasis in submucosal invasive colorectal carcinoma. <i>Diseases of the Colon and Rectum</i> , <b>2005</b> , 48, 938-45	3.1	19
337	Curative resection of T1 colorectal carcinoma: risk of lymph node metastasis and long-term prognosis. <i>Diseases of the Colon and Rectum</i> , <b>2005</b> , 48, 1182-92	3.1	101
337 336		3.1	101
	prognosis. <i>Diseases of the Colon and Rectum</i> , <b>2005</b> , 48, 1182-92	3.1	101
336	prognosis. <i>Diseases of the Colon and Rectum</i> , <b>2005</b> , 48, 1182-92  Rectal Cancer: Pathological Features and their Relationship to Prognosis and Treatment. <b>2005</b> , 57-72  Tumour matrilysin expression predicts metastatic potential of stage I (pT1) colon and rectal	3.1	
336 335	prognosis. <i>Diseases of the Colon and Rectum</i> , <b>2005</b> , 48, 1182-92  Rectal Cancer: Pathological Features and their Relationship to Prognosis and Treatment. <b>2005</b> , 57-72  Tumour matrilysin expression predicts metastatic potential of stage I (pT1) colon and rectal cancers. <b>2005</b> , 54, 1751-8  Expression of vitamin D receptor and 25-hydroxyvitamin D3-1{alpha}-hydroxylase in normal and	3.1	27
336 335 334	Prognosis. <i>Diseases of the Colon and Rectum</i> , <b>2005</b> , 48, 1182-92  Rectal Cancer: Pathological Features and their Relationship to Prognosis and Treatment. <b>2005</b> , 57-72  Tumour matrilysin expression predicts metastatic potential of stage I (pT1) colon and rectal cancers. <b>2005</b> , 54, 1751-8  Expression of vitamin D receptor and 25-hydroxyvitamin D3-1{alpha}-hydroxylase in normal and malignant human colon. <b>2005</b> , 14, 2370-6  Tumour budding detected by laminin-5 {gamma}2-chain immunohistochemistry is of prognostic	3.1	27 91
<ul><li>336</li><li>335</li><li>334</li><li>333</li></ul>	Prognosis. <i>Diseases of the Colon and Rectum</i> , <b>2005</b> , 48, 1182-92  Rectal Cancer: Pathological Features and their Relationship to Prognosis and Treatment. <b>2005</b> , 57-72  Tumour matrilysin expression predicts metastatic potential of stage I (pT1) colon and rectal cancers. <b>2005</b> , 54, 1751-8  Expression of vitamin D receptor and 25-hydroxyvitamin D3-1{alpha}-hydroxylase in normal and malignant human colon. <b>2005</b> , 14, 2370-6  Tumour budding detected by laminin-5 {gamma}2-chain immunohistochemistry is of prognostic value in epidermoid anal cancer. <b>2005</b> , 16, 893-8  Clinical significance of nuclear morphometry at the invasive front of T1 colorectal cancer and	3.1	27 91 20
<ul><li>336</li><li>335</li><li>334</li><li>333</li><li>332</li></ul>	Rectal Cancer: Pathological Features and their Relationship to Prognosis and Treatment. 2005, 57-72  Tumour matrilysin expression predicts metastatic potential of stage I (pT1) colon and rectal cancers. 2005, 54, 1751-8  Expression of vitamin D receptor and 25-hydroxyvitamin D3-1{alpha}-hydroxylase in normal and malignant human colon. 2005, 14, 2370-6  Tumour budding detected by laminin-5 {gamma}2-chain immunohistochemistry is of prognostic value in epidermoid anal cancer. 2005, 16, 893-8  Clinical significance of nuclear morphometry at the invasive front of T1 colorectal cancer and relation to expression of VEGF-A and VEGF-C. 2005, 68, 230-8  Histologic prognostic factors for small-sized squamous cell carcinomas of the peripheral lung. 2006,	3.1	27 91 20

328	Microcarcinoids in large intestinal adenomas. <b>2006</b> , 30, 1531-6		37
327	Actual number of tumor budding as a new tool for the individualization of treatment of T1 colorectal carcinomas. <b>2006</b> , 21, 1115-21		35
326	Overexpression of the receptor for hyaluronic acid mediated motility is an independent adverse prognostic factor in colorectal cancer. <b>2006</b> , 19, 1302-9		45
325	Prognostic significance of histological features and biological parameters in stage I (pT1 and pT2) colorectal adenocarcinoma. <b>2006</b> , 202, 663-70		40
324	Tumor buds show reduced expression of laminin-5 gamma 2 chain in DNA mismatch repair deficient colorectal cancer. <i>Diseases of the Colon and Rectum</i> , <b>2006</b> , 49, 1193-202	3.1	14
323	Differential prognostic significance of morphologic invasive markers in colorectal cancer: tumor budding and cytoplasmic podia. <i>Diseases of the Colon and Rectum</i> , <b>2006</b> , 49, 1422-30	3.1	51
322	Predictive factors for lymph node metastasis in esophageal squamous cell carcinomas contacting or penetrating the muscularis mucosae: the utility of droplet infiltration. <b>2006</b> , 3, 47-52		12
321	Tumour budding at the deepest invasive margin correlates with lymph node metastasis in submucosal colorectal cancer detected by anticytokeratin antibody CAM5.2. <b>2006</b> , 94, 293-8		82
320	Histopathological risk factors for lymph node metastasis in submucosal invasive colorectal carcinoma of pedunculated or semipedunculated type. <b>2007</b> , 60, 912-5		68
319	Newer pathologic assessment techniques for colorectal carcinoma. <b>2007</b> , 13, 6871s-6s		33
318	Gastrin-releasing peptide mediates its morphogenic properties in human colon cancer by upregulating intracellular adhesion protein-1 (ICAM-1) via focal adhesion kinase. <b>2007</b> , 292, G182-90		23
317	The lymphatic infiltration identified by D2-40 monoclonal antibody predicts lymph node metastasis in submucosal invasive colorectal cancer. <b>2007</b> , 74, 328-35		8
316	The pathologist@role in rectal cancer patient assessments. 2007, 20, 158-66		6
315	Recommendations for the reporting of surgically resected specimens of colorectal carcinoma. <b>2007</b> , 38, 537-545		56
314	High-degree tumor budding and podia-formation in sporadic colorectal carcinomas with K-ras gene mutations. <b>2007</b> , 38, 1696-702		41
313	The migrating cancer stem cells modela conceptual explanation of malignant tumour progression. <b>2006</b> , 109-24		11
312	Clinicopathological significance of microscopic abscess formation at the invasive margin of advanced low rectal cancer. <b>2007</b> , 94, 239-43		9
311	Role of APAF-1, E-cadherin and peritumoral lymphocytic infiltration in tumour budding in colorectal cancer. <b>2007</b> , 212, 260-8		104

## (2008-2007)

310	ROCK-II mediates colon cancer invasion via regulation of MMP-2 and MMP-13 at the site of invadopodia as revealed by multiphoton imaging. <b>2007</b> , 87, 1149-58		74
309	Loss of membranous Ep-CAM in budding colorectal carcinoma cells. <b>2007</b> , 20, 221-32		93
308	Micropapillary pattern and grade of stromal invasion in pT1 adenocarcinoma of the lung: usefulness as prognostic factors. <b>2007</b> , 20, 514-21		44
307	Further studies on the arrest of cell proliferation in tumor cells at the invading front of colonic adenocarcinoma. <b>2007</b> , 22, 1877-81		16
306	Tumour budding at invasive margins and outcome in colorectal cancer. <b>2008</b> , 10, 41-7		74
305	Classification of colorectal cancer based on correlation of clinical, morphological and molecular features. <b>2007</b> , 50, 113-30		1028
304	Tumour budding in colorectal carcinoma. <b>2007</b> , 50, 151-62		284
303	Phenotypes of invasion in sporadic colorectal carcinomas related to aberrations of the adenomatous polyposis coli (APC) gene. <b>2007</b> , 50, 318-30		29
302	Expression of laminin-5 in ameloblastomas and human fetal teeth. <b>1999</b> , 28, 337-42		20
301	Prognostic significance of immunohistochemically detected blood and lymphatic vessel invasion in colorectal carcinoma: its impact on prognosis. <b>2007</b> , 14, 470-7		56
300	Lymphatic vessel density at the site of deepest penetration as a predictor of lymph node metastasis in submucosal colorectal cancer. <i>Diseases of the Colon and Rectum</i> , <b>2007</b> , 50, 13-21	3.1	43
299	Risk factors for occult lymph node metastasis of colorectal cancer invading the submucosa and indications for endoscopic mucosal resection. <i>Diseases of the Colon and Rectum</i> , <b>2007</b> , 50, 1370-6	3.1	71
298	Recommendations for the reporting of surgically resected specimens of colorectal carcinoma. <b>2007</b> , 450, 1-13		17
297	Tumor budding as a prognostic marker in stage-III rectal carcinoma. <b>2007</b> , 22, 863-8		63
296	GRP-induced up-regulation of Hsp72 promotes CD16+/94+ natural killer cell binding to colon cancer cells causing tumor cell cytolysis. <b>2008</b> , 25, 451-63		8
295	Risk factors for lymph node metastasis in submucosal invasive colorectal cancer. <b>2008</b> , 32, 2089-94		56
294	Tumor budding as an index to identify high-risk patients with stage II colon cancer. <i>Diseases of the Colon and Rectum</i> , <b>2008</b> , 51, 568-72	3.1	102
293	Prognostic significance of depth of invasion, vascular invasion and numbers of lymph node retrievals in combination for patients with stage II colorectal cancer undergoing radical resection. <b>2008</b> , 97, 383-7		38

292	Histopathologic determinants of regional lymph node metastasis in early colorectal cancer. <b>2008</b> , 112, 924-33	69
291	Management of early rectal cancer. <b>2008</b> , 95, 409-23	117
290	Prognostic and predictive factors in colorectal cancer. <b>2008</b> , 61, 561-9	90
289	Multivariate analysis of the pathologic features of esophageal squamous cell cancer: tumor budding is a significant independent prognostic factor. <b>2008</b> , 15, 1977-82	81
288	Pathological predictors for lymph node metastasis in T1 colorectal cancer. 2008, 38, 905-10	44
287	Disturbed expression of E-cadherin, beta-catenin and tight junction proteins in colon carcinoma is unrelated to growth pattern and genetic polymorphisms. <b>2008</b> , 116, 253-62	20
286	Is the invasive front of an oral carcinoma the most important area for prognostication?. <b>1998</b> , 4, 70-7	114
285	CD133 expression is an independent prognostic marker for low survival in colorectal cancer. <b>2008</b> , 99, 1285-9	258
284	Immunohistochemical detection of CD133 expression in colorectal cancer: a clinicopathological study. <b>2008</b> , 99, 1578-83	110
283	Local excision for rectal carcinoma. <b>2008</b> , 7, 376-85	21
283	Local excision for rectal carcinoma. 2008, 7, 376-85  Local recurrence in mismatch repair-proficient colon cancer predicted by an infiltrative tumor border and lack of CD8+ tumor-infiltrating lymphocytes. 2008, 14, 3792-7	39
	Local recurrence in mismatch repair-proficient colon cancer predicted by an infiltrative tumor	
282	Local recurrence in mismatch repair-proficient colon cancer predicted by an infiltrative tumor border and lack of CD8+ tumor-infiltrating lymphocytes. <b>2008</b> , 14, 3792-7	39
282	Local recurrence in mismatch repair-proficient colon cancer predicted by an infiltrative tumor border and lack of CD8+ tumor-infiltrating lymphocytes. <b>2008</b> , 14, 3792-7  Histological grading of colorectal cancer: a simple and objective method. <b>2008</b> , 247, 811-8	39 40
282 281 280	Local recurrence in mismatch repair-proficient colon cancer predicted by an infiltrative tumor border and lack of CD8+ tumor-infiltrating lymphocytes. 2008, 14, 3792-7  Histological grading of colorectal cancer: a simple and objective method. 2008, 247, 811-8  Epithelial Neoplasms of the Large Intestine. 2009, 597-637  Prognostic significance of CXCL12 expression in patients with colorectal carcinoma. 2009, 132,	39 40 5
282 281 280	Local recurrence in mismatch repair-proficient colon cancer predicted by an infiltrative tumor border and lack of CD8+ tumor-infiltrating lymphocytes. 2008, 14, 3792-7  Histological grading of colorectal cancer: a simple and objective method. 2008, 247, 811-8  Epithelial Neoplasms of the Large Intestine. 2009, 597-637  Prognostic significance of CXCL12 expression in patients with colorectal carcinoma. 2009, 132, 202-10; quiz 307  Two distinct expression patterns of urokinase, urokinase receptor and plasminogen activator	<ul><li>39</li><li>40</li><li>5</li><li>57</li></ul>
282 281 280 279 278	Local recurrence in mismatch repair-proficient colon cancer predicted by an infiltrative tumor border and lack of CD8+ tumor-infiltrating lymphocytes. 2008, 14, 3792-7  Histological grading of colorectal cancer: a simple and objective method. 2008, 247, 811-8  Epithelial Neoplasms of the Large Intestine. 2009, 597-637  Prognostic significance of CXCL12 expression in patients with colorectal carcinoma. 2009, 132, 202-10; quiz 307  Two distinct expression patterns of urokinase, urokinase receptor and plasminogen activator inhibitor-1 in colon cancer liver metastases. 2009, 124, 1860-70  Tumor budding in tumor invasive front predicts prognosis and survival of patients with esophageal	<ul><li>39</li><li>40</li><li>5</li><li>57</li><li>69</li></ul>

## (2010-2009)

274	Predicting factors of postoperative relapse in T2-4N0M0 colorectal cancer patients via harvesting a minimum of 12 lymph nodes. <b>2009</b> , 24, 177-83	19
273	CD8+ lymphocytes/ tumour-budding index: an independent prognostic factor representing a <b>©</b> ro-/anti-tumour <b>©</b> approach to tumour host interaction in colorectal cancer. <b>2009</b> , 101, 1382-92	94
272	Growth pattern in the muscular layer reflects the biological behaviour of colorectal cancer. <b>2009</b> , 11, 951-9	11
271	CD133 and nuclear beta-catenin: the marker combination to detect high risk cases of low stage colorectal cancer. <b>2009</b> , 45, 2034-40	66
270	Epithelial-mesenchymal transition with expression of SNAI1-induced chemoresistance in colorectal cancer. <b>2009</b> , 390, 1061-5	60
269	p16INK4a is a beta-catenin target gene and indicates low survival in human colorectal tumors. <b>2009</b> , 136, 196-205.e2	42
268	Invasive front of colorectal cancer: dynamic interface of pro-/anti-tumor factors. 2009, 15, 5898-906	87
267	Tumor budding is predictive of lymphatic involvement and lymph node metastases in submucosal invasive colorectal adenocarcinomas and in non-polypoid compared with polypoid growths. <b>2009</b> , 44, 605-14	50
266	Tumor budding is a strong and reproducible prognostic marker in T3N0 colorectal cancer. <b>2009</b> , 33, 134-41	217
265	Combined histomorphologic and immunohistochemical phenotype to predict the presence of vascular invasion in colon cancer. <i>Diseases of the Colon and Rectum</i> , <b>2009</b> , 52, 1114-21	10
264	Peritoneal elastic laminal invasion of colorectal cancer: the diagnostic utility and clinicopathologic relationship. <b>2010</b> , 34, 1351-60	43
263	Tumor budding and survival after potentially curative resection of node-positive colon cancer.  Diseases of the Colon and Rectum, <b>2010</b> , 53, 301-7	29
262	Tumor budding as a strong prognostic indicator in invasive ampullary adenocarcinomas. <b>2010</b> , 34, 1417-24	70
261	Risk factors of nodal involvement in T2 colorectal cancer. <i>Diseases of the Colon and Rectum</i> , <b>2010</b> , 53, 1393-9	38
260	Histopathologic features of the tumor budding in adenocarcinoma of the lung: tumor budding as an index to predict the potential aggressiveness. <b>2010</b> , 5, 1361-8	61
259	The role of the pathologist in rectal cancer diagnosis and staging and surgical quality assessment. <b>2010</b> , 12, 339-45	10
258	Overexpression of IQGAP1 in advanced colorectal cancer correlates with poor prognosis-critical role in tumor invasion. <b>2010</b> , 126, 2563-74	37
257	Severe tumor budding is a risk factor for lateral lymph node metastasis in early rectal cancers. <b>2010</b> , 102, 230-4	22

256	Tumour budding, uPA and PAI-1 are associated with aggressive behaviour in colon cancer. <b>2010</b> , 102, 235-41	28
255	Tumor budding as a prognostic marker in laryngeal carcinoma. <b>2010</b> , 206, 88-92	48
254	Tumour budding and a low host inflammatory response are associated with a poor prognosis in oesophageal and gastro-oesophageal junction cancers. <b>2010</b> , 56, 893-9	58
253	Systematic assessment of protein phenotypes characterizing high-grade tumour budding in mismatch repair-proficient colorectal cancer. <b>2010</b> , 57, 233-43	26
252	Inguinal lymph node metastases are recognized with high frequency in rectal adenocarcinoma invading the dentate line. The histological features at the invasive front may predict inguinal lymph node metastasis. <b>2010</b> , 12, e200-5	19
251	Epithelial mesenchymal transition and tumor budding in aggressive colorectal cancer: tumor budding as oncotarget. <b>2010</b> , 1, 651-61	225
250	Risk Factors for Lymph Node Metastasis in Patients with Submucosal Invasive Colorectal Carcinoma. <b>2010</b> , 78, 207	9
249	Optimal management of small rectal cancers: TAE, TEM, or TME?. <b>2010</b> , 19, 743-60	8
248	Determining the benefits of oncologic surgery after endoscopic removal of submucosal invasive colorectal carcinoma. <b>2011</b> , 9, 539-40	1
247	Intratumoral budding as a potential parameter of tumor progression in mismatch repair-proficient and mismatch repair-deficient colorectal cancer patients. <b>2011</b> , 42, 1833-40	67
246	Assessment of tumor budding in colorectal carcinoma: correlation with Etatenin nuclear expression. <b>2011</b> , 23, 1-9	11
245	Keratin 7 expression in colorectal cancerfreak of nature or significant finding?. <b>2011</b> , 59, 225-34	31
244	Characterization of the immunological microenvironment of tumour buds and its impact on prognosis in mismatch repair-proficient and -deficient colorectal cancers. <b>2011</b> , 59, 482-95	25
243	Tumour budding and other prognostic pathological features at invasive margins in serrated colorectal adenocarcinoma: a comparative study with conventional carcinoma. <b>2011</b> , 59, 1046-56	42
242	Tumour growth is more dispersed in pancreatic head cancers than in rectal cancer: implications for resection margin assessment. <b>2011</b> , 59, 1111-21	50
241	Perspectives on current tumor-node-metastasis (TNM) staging of cancers of the colon and rectum. <b>2011</b> , 38, 500-10	39
240	Tumor budding and dedifferentiation in gallbladder carcinoma: potential for the prognostic factors in T2 lesions. <b>2011</b> , 459, 449-56	20
239	Correlation between tumor budding and post-resection prognosis in patients with invasive squamous cell carcinoma of the thoracic esophagus. <b>2011</b> , 35, 349-56	22

238	TNM staging system of colorectal carcinoma: surgical pathology of the seventh edition. <b>2011</b> , 17, 243-262	8
237	Oncosuppressor methylation: a possible key role in colon metastatic progression. <b>2011</b> , 226, 1934-9	16
236	Prognostic significance of tumor budding in gastrointestinal tumors. <b>2011</b> , 11, 1521-33	9
235	Predictive markers of colorectal cancer liver metastases. <b>2011</b> , 7, 299-307	6
234	Epithelial-mesenchymal transition (EMT) protein expression in a cohort of stage II colorectal cancer patients with characterized tumor budding and mismatch repair protein status. <b>2011</b> , 19, 751-60	53
233	Expression of l1 cell adhesion molecule and morphologic features at the invasive front of colorectal cancer. <b>2011</b> , 136, 138-44	31
232	Review of histopathological and molecular prognostic features in colorectal cancer. <b>2011</b> , 3, 2767-810	51
231	Hollow spheroids beyond the invasive margin indicate the malignant potential of colorectal cancer. <b>2011</b> , 1, e000179	10
230	Overexpression of podocalyxin-like protein is an independent factor of poor prognosis in colorectal cancer. <b>2011</b> , 105, 666-72	73
229	Intra-tumoral budding in preoperative biopsy specimens predicts lymph node and distant metastasis in patients with colorectal cancer. <b>2012</b> , 25, 1048-53	52
228	Role of intra- and peritumoral budding in the interdisciplinary management of rectal cancer patients. <b>2012</b> , 2012, 795945	3
227	Tumour budding: a promising parameter in colorectal cancer. <b>2012</b> , 106, 1713-7	117
226	Tumor budding is a significant indicator of a poor prognosis in lung squamous cell carcinoma patients. <b>2012</b> , 6, 937-43	50
225	New criteria for histologic grading of colorectal cancer. <b>2012</b> , 36, 193-201	131
224	Tumor budding in colorectal carcinoma: time to take notice. <b>2012</b> , 25, 1315-25	193
223	Risk factors for lymph node metastasis in pT1 and pT2 rectal cancer: a single-institute experience in 943 patients and literature review. <b>2012</b> , 19, 2477-84	55
222	Tumor budding is an independent predictor of outcome in AJCC/UICC stage II colorectal cancer. <b>2012</b> , 19, 3706-12	73
221	Morphology and prognostic value of tumor budding in rectal cancer after neoadjuvant radiotherapy. <b>2012</b> , 43, 1061-7	19

220	Validation of podocalyxin-like protein as a biomarker of poor prognosis in colorectal cancer. <b>2012</b> , 12, 282	34
219	Tumour budding and the expression of cancer stem cell marker aldehyde dehydrogenase 1 in nasopharyngeal carcinoma. <b>2012</b> , 61, 1072-81	48
218	Characterization of the immunophenotype of the tumor budding and its prognostic implications in squamous cell carcinoma of the lung. <b>2012</b> , 76, 423-30	31
217	Additional colectomy after colonoscopic polypectomy for T1 colon cancer: a fine balance between oncologic benefit and operative risk. <b>2012</b> , 27, 1473-8	29
216	To differentiate or notroutes towards metastasis. <b>2012</b> , 12, 425-36	461
215	Meta-analysis of histopathological features of primary colorectal cancers that predict lymph node metastases. <b>2012</b> , 16, 1019-28	72
214	Diagnostic reproducibility of tumour budding in colorectal cancer: a multicentre, multinational study using virtual microscopy. <b>2012</b> , 61, 562-75	66
213	The impact of CpG island methylator phenotype and microsatellite instability on tumour budding in colorectal cancer. <b>2012</b> , 61, 777-87	27
212	Tumor budding and E-Cadherin expression in endometrial carcinoma: are they prognostic factors in endometrial cancer?. <b>2012</b> , 125, 208-13	38
211	C4.4A is associated with tumor budding and epithelial-mesenchymal transition of colorectal cancer. <b>2012</b> , 103, 1155-64	24
210	Partial pathologic response and nodal status as most significant prognostic factors for advanced rectal cancer treated with preoperative chemoradiotherapy. <b>2012</b> , 36, 675-83	49
209	Tumor budding as a useful prognostic marker in T1-stage squamous cell carcinoma of the esophagus. <b>2013</b> , 108, 42-6	36
208	Tumour budding is a strong and independent prognostic factor in pancreatic cancer. 2013, 49, 1032-9	101
207	Tumor budding score based on 10 high-power fields is a promising basis for a standardized prognostic scoring system in stage II colorectal cancer. <b>2013</b> , 44, 697-705	96
206	Polyp pT1 colorectal cancer. <b>2013</b> , 19, 403-409	
205	Association of c-Met phosphorylation with micropapillary pattern and small cluster invasion in pT1-size lung adenocarcinoma. <b>2013</b> , 82, 413-9	24
204	GPR48, a poor prognostic factor, promotes tumor metastasis and activates Latenin/TCF signaling in colorectal cancer. <b>2013</b> , 34, 2861-9	30
203	The prognostic value of tumor budding in invasive breast cancer. <b>2013</b> , 209, 269-75	55

## (2014-2013)

202	New Insights into the CD133 (Prominin-1) Expression in Mouse and Human Colon Cancer Cells. <b>2013</b> , 777, 145-66	4
201	Proposal for a 10-high-power-fields scoring method for the assessment of tumor budding in colorectal cancer. <b>2013</b> , 26, 295-301	101
200	Tumor budding cells, cancer stem cells and epithelial-mesenchymal transition-type cells in pancreatic cancer. <b>2012</b> , 2, 209	41
199	Transmembrane mucin MUC1 overexpression and its association with CD10+ myeloid cells, transforming growth factor-I expression, and tumor budding grade in colorectal cancer. <b>2013</b> , 104, 958-64	25
198	Novel biomarkers for the prediction of metastasis in colorectal cancer. <b>2013</b> , 7, 137-46	14
197	Distinct expression of C4.4A in colorectal cancer detected by different antibodies. <b>2013</b> , 42, 197-201	4
196	Evaluation of Perineural Invasion in Rectal Cancer as a Prognostic Factor. <b>2013</b> , 46, 635-646	1
195	Three-dimensional reconstruction of oral tongue squamous cell carcinoma at invasion front. <b>2013</b> , 2013, 482765	20
194	Prognostic stratification of colorectal cancer patients: current perspectives. <b>2014</b> , 6, 291-300	36
193	Controversies in the pathological assessment of colorectal cancer. <b>2014</b> , 20, 9850-61	45
192	Progressive loss of E-cadherin immunoexpression during cervical carcinogenesis. <b>2014</b> , 29, 667-74	8
191	Accuracy of TNM staging in colorectal cancer: a review of current culprits, the modern role of morphology and stepping-stones for improvements in the molecular era. <b>2014</b> , 49, 1153-63	39
190	Prognostic value of poorly differentiated clusters in invasive breast cancer. <b>2014</b> , 12, 310	14
189	Intratumoural budding (ITB) in preoperative biopsies predicts the presence of lymph node and distant metastases in colon and rectal cancer patients. <b>2014</b> , 110, 1008-13	56
188	Tumor budding in upper gastrointestinal carcinomas. <b>2014</b> , 4, 216	31
187	Mismatch repair system and p53 expression in patients with T1 and T2 colorectal cancer: predictive role of lymph node metastasis and survival. <b>2014</b> , 109, 848-52	11
186	Quantification of tumour budding, lymphatic vessel density and invasion through image analysis in colorectal cancer. <b>2014</b> , 12, 156	34
185	Site-specific tumor grading system in colorectal cancer: multicenter pathologic review of the value of quantifying poorly differentiated clusters. <b>2014</b> , 38, 197-204	55

184	When is local excision appropriate for "early" rectal cancer?. <b>2014</b> , 44, 2000-14	22
183	The clinical utility of the local inflammatory response in colorectal cancer. <b>2014</b> , 50, 309-19	69
182	Epithelial to mesenchymal transition correlates with tumor budding and predicts prognosis in esophageal squamous cell carcinoma. <b>2014</b> , 110, 764-9	42
181	Dilemma of stage II colon cancer and decision making for adjuvant chemotherapy. <b>2014</b> , 219, 1056-69	36
180	Cancer cell invasion and EMT marker expression: a three-dimensional study of the human cancer-host interface. <b>2014</b> , 234, 410-22	190
179	Invasion pattern and histologic features of tumor aggressiveness correlate with MMR protein expression, but are independent of activating KRAS and BRAF mutations in CRC. <b>2014</b> , 465, 155-63	19
178	CD8/CD45RO T-cell infiltration in endoscopic biopsies of colorectal cancer predicts nodal metastasis and survival. <b>2014</b> , 12, 81	41
177	Subcutaneous preconditioning increases invasion and metastatic dissemination in mouse colorectal cancer models. <b>2014</b> , 7, 387-96	8
176	MiR-21 expression in the tumor stroma of oral squamous cell carcinoma: an independent biomarker of disease free survival. <b>2014</b> , 9, e95193	67
175	Association of the p53 codon 72 polymorphism with clinicopathological characteristics of colorectal cancer through mRNA analysis. <b>2014</b> , 31, 1396-406	5
174	Tumor budding in the clinical management of colon and rectal cancer. <b>2014</b> , 3, 387-403	4
173	Tumor budding and laminin5-2 in squamous cell carcinoma of the external auditory canal are associated with shorter survival. <b>2015</b> , 4, 814	12
172	Tumor Budding in Colorectal Carcinoma: Confirmation of Prognostic Significance and Histologic Cutoff in a Population-based Cohort. <b>2015</b> , 39, 1340-6	72
171	Molecular and pathogenetic aspects of tumor budding in colorectal cancer. <b>2015</b> , 2, 11	56
170	Expression of E-cadherin repressors SNAIL, ZEB1 and ZEB2 by tumour and stromal cells influences tumour-budding phenotype and suggests heterogeneity of stromal cells in pancreatic cancer. <b>2015</b> , 112, 1944-50	115
169	Epithelial-mesenchymal transition in colorectal cancer metastasis: A system review. <b>2015</b> , 211, 557-69	220
168	Laminin B expression as a prognostic factor and a predictive marker of chemoresistance in colorectal cancer. <b>2015</b> , 45, 533-40	15
167	Risk assessment in early colorectal cancer: histological and molecular markers. <b>2015</b> , 33, 77-85	15

## (2016-2015)

166	The role of tumour budding in predicting survival in patients with primary operable colorectal cancer: a systematic review. <b>2015</b> , 41, 151-9	60
165	Radical surgery with total mesorectal excision in patients with T1 rectal cancer. <b>2015</b> , 22, 2051-8	12
164	Tumor budding in colorectal cancer revisited: results of a multicenter interobserver study. <b>2015</b> , 466, 485-93	73
163	Prognostic value of poorly differentiated clusters in the primary tumor in patients undergoing hepatectomy for colorectal liver metastasis. <b>2015</b> , 157, 899-908	19
162	A three-tier classification system based on the depth of submucosal invasion and budding/sprouting can improve the treatment strategy for T1 colorectal cancer: a retrospective multicenter study. <b>2015</b> , 28, 872-9	75
161	Detailed analysis of epithelial-mesenchymal transition and tumor budding identifies predictors of long-term survival in pancreatic ductal adenocarcinoma. <b>2015</b> , 30 Suppl 1, 78-84	47
160	Prognostic and Predictive Biomarkers in Colorectal Cancer: Implications for the Clinical Surgeon. <b>2015</b> , 22, 3433-50	18
159	Tumor budding correlates with occult cervical lymph node metastasis and poor prognosis in clinical early-stage tongue squamous cell carcinoma. <b>2015</b> , 44, 266-72	68
158	The relationship between tumour budding, the tumour microenvironment and survival in patients with invasive ductal breast cancer. <b>2015</b> , 113, 1066-74	38
157	Tumour Budding and Survival in Stage II Colorectal Cancer: a Systematic Review and Pooled Analysis. <b>2015</b> , 46, 212-8	46
156	Early Colorectal Cancer. <b>2015</b> , 211-225	
155	Tumor Budding, Micropapillary Pattern, and Polyploidy Giant Cancer Cells in Colorectal Cancer: Current Status and Future Prospects. <b>2016</b> , 2016, 4810734	29
154	Tumor Budding: The Name is EMT. Partial EMT. <b>2016</b> , 5,	258
153	Histologic Grading of Prostatic Adenocarcinoma Can Be Further Optimized: Analysis of the Relative Prognostic Strength of Individual Architectural Patterns in 1275 Patients From the Canary Retrospective Cohort. <b>2016</b> , 40, 1439-1456	79
152	Systematic review and meta-analysis of the impact of tumour budding in colorectal cancer. <b>2016</b> , 115, 831-40	116
151	Management of colorectal T1 carcinoma treated by endoscopic resection from the Western perspective. <b>2016</b> , 28, 330-41	25
150	Special cancer microenvironment in human colonic cancer: Concept of cancer microenvironment formed by peritoneal invasion (CMPI) and implication of subperitoneal fibroblast in cancer progression. <b>2016</b> , 66, 123-131	7
	Tumor budding, a novel prognostic indicator for predicting stage progression in T1 bladder cancers.	

148	Cytokeratin immunohistochemistry improves interobserver variability between unskilled pathologists in the evaluation of tumor budding in T1 colorectal cancer. <b>2016</b> , 66, 75-82	37
147	Predictors for regional lymph node metastasis in T1 rectal cancer: a population-based SEER analysis. <b>2016</b> , 30, 4405-15	24
146	The prognostic value of morphologic findings for lung squamous cell carcinoma patients. <b>2016</b> , 212, 1-9	11
145	The tumor microenvironment: An irreplaceable element of tumor budding and epithelial-mesenchymal transition-mediated cancer metastasis. <b>2016</b> , 10, 434-46	46
144	Tumour budding in colorectal cancer: what do we know and what can we do?. <b>2016</b> , 468, 397-408	45
143	Tumor budding in colorectal cancerready for diagnostic practice?. <b>2016</b> , 47, 4-19	134
142	Histopathological tumor invasion of the mesenterico-portal vein is characterized by aggressive biology and stromal fibroblast activation. <b>2017</b> , 19, 67-74	13
141	S100A8 stroma cells predict a good prognosis and inhibit aggressiveness in colorectal carcinoma. <b>2017</b> , 6, e1260213	14
140	Local Excision of Rectal Cancer. 2017, 97, 573-585	16
139	Recommendations for reporting tumor budding in colorectal cancer based on the International Tumor Budding Consensus Conference (ITBCC) 2016. <b>2017</b> , 30, 1299-1311	369
138	Morphoproteomic Characterization of Lung Squamous Cell Carcinoma Fragmentation, a Histological Marker of Increased Tumor Invasiveness. <b>2017</b> , 77, 2585-2593	7
137	From Ectopic to Orthotopic Tumor Grafting Sites: Evidence for a Critical Role of the Host Tissue Microenvironment for the Actual Expression of the Malignant Phenotype. <b>2017</b> , 43-53	1
136	Desmoplastic Pattern at the Tumor Front Defines Poor-prognosis Subtypes of Colorectal Cancer. <b>2017</b> , 41, 1506-1512	51
135	Expression profiling of budding cells in colorectal cancer reveals an EMT-like phenotype and molecular subtype switching. <b>2017</b> , 116, 58-65	79
134	Sialyl Lewis expression at the invasive front as a predictive marker of liver recurrence in stage II colorectal cancer. <b>2018</b> , 15, 221-228	7
133	Histopathologic risk factors for lymph node metastasis in patients with T1 colorectal cancer. <b>2017</b> , 93, 266-271	22
132	Tumour budding in pancreatic cancer revisited: validation of the ITBCC scoring system. 2018, 73, 137-146	19
131	Tumor budding as a standardized parameter in gastrointestinal carcinomas: more than just the colon. <b>2018</b> , 31, 862-872	25

130	Prognostic Impact of Tumor-Budding Grade in Stages 1-3 Colon Cancer: A Retrospective Cohort Study. <b>2018</b> , 25, 204-211	15
129	Tumor Budding and PDC Grade Are Stage Independent Predictors of Clinical Outcome in Mismatch Repair Deficient Colorectal Cancer. <b>2018</b> , 42, 60-68	23
128	miR-21 expression analysis in budding colon cancer cells by confocal slide scanning microscopy. <b>2018</b> , 35, 819-830	9
127	Tumour budding in rectal cancer. A comprehensive review. <b>2018</b> , 22, 61-74	9
126	Predicting the tumorigenic phenotype of human bladder cancer cells by combining with fetal rat mesenchyme. <b>2018</b> , 36, 472.e1-472.e9	1
125	Automatic evaluation of tumor budding in immunohistochemically stained colorectal carcinomas and correlation to clinical outcome. <b>2018</b> , 13, 64	23
124	Budding and tumor-infiltrating lymphocytes - combination of both parameters predicts survival in colorectal cancer and leads to new prognostic subgroups. <b>2018</b> , 79, 160-167	19
123	Tumor Budding in Colorectal Carcinoma: Translating a Morphologic Score Into Clinically Meaningful Results. <b>2018</b> , 142, 952-957	36
122	The Interaction of CD97/ADGRE5 With ECatenin in Adherens Junctions Is Lost During Colorectal Carcinogenesis. <b>2018</b> , 8, 182	7
121	Does heterogeneity matter in the estimation of tumour budding and tumour stroma ratio in colon cancer?. <b>2018</b> , 13, 20	7
120	Interobserver variability in the H&E-based assessment of tumor budding in pT3/4 colon cancer: does it affect the prognostic relevance?. <b>2018</b> , 473, 189-197	22
119	Tumor budding and human chorionic gonadotropin-lexpression correlate with unfavorable patient outcome in colorectal carcinoma. <b>2018</b> , 35, 104	2
118	Tumor budding outperforms ypT and ypN classification in predicting outcome of rectal cancer after neoadjuvant chemoradiotherapy. <b>2019</b> , 19, 1033	5
117	Differential clinical impacts of tumour budding evaluated by the use of immunohistochemical and haematoxylin and eosin staining in stage II colorectal cancer. <b>2019</b> , 74, 1005-1013	7
116	Impact of tumour budding grade in 310 patients who underwent surgical resection for extrahepatic cholangiocarcinoma. <b>2019</b> , 74, 861-872	13
115	A Review of Current Challenges in Colorectal Cancer Reporting. <b>2019</b> , 143, 869-882	15
114	CK7 expression associates with the location, differentiation, lymph node metastasis, and the Dukes&tage of primary colorectal cancers. <b>2019</b> , 10, 2510-2519	8
113	Prospective Multicenter Study on the Prognostic and Predictive Impact of Tumor Budding in Stage II Colon Cancer: Results From the SACURA Trial. <b>2019</b> , 37, 1886-1894	49

112	Tumor budding for predicting prognosis of resected rectum cancer after neoadjuvant treatment. <b>2019</b> , 17, 50	4
111	Co-Detection of miR-21 and TNF-ImRNA in Budding Cancer Cells in Colorectal Cancer. <b>2019</b> , 20,	17
110	Tumor Budding: Prognostic Value in Muscle-invasive Bladder Cancer. <b>2019</b> , 130, 93-98	9
109	The prognostic value of tumor budding in patients who had surgery for rectal cancer with and without neoadjuvant therapy. <b>2019</b> , 23, 333-342	5
108	Tumor budding in colorectal carcinoma: An institutional interobserver reliability and prognostic study of colorectal adenocarcinoma cases. <b>2019</b> , 43, 151420	4
107	Immune Checkpoints in Circulating and Tumor-Infiltrating CD4 T Cell Subsets in Colorectal Cancer Patients. <b>2019</b> , 10, 2936	46
106	RAS, Cellular Plasticity, and Tumor Budding in Colorectal Cancer. <b>2019</b> , 9, 1255	23
105	Tumor Budding and Other Risk Factors of Lymph Node Metastasis in Submucosal Early Gastric Carcinoma: A Multicenter Clinicopathologic Study in 621 Radical Gastrectomies of Chinese Patients. <b>2019</b> , 43, 1074-1082	12
104	Prognostic Value of Poorly Differentiated Clusters in Liver Metastatic Lesions of Colorectal Carcinoma. <b>2019</b> , 43, 1341-1348	8
103	A novel prognostic model for tongue squamous cell carcinoma based on the characteristics of tumour and its microenvironment: iBD score. <b>2019</b> , 74, 766-779	11
102	Laminin 332 in cancer: When the extracellular matrix turns signals from cell anchorage to cell movement. <b>2020</b> , 62, 149-165	39
101	Validation of the International Tumor Budding Consensus Conference (ITBCC) 2016 recommendation in squamous cell carcinoma of the lung-a single-center analysis of 354 cases. <b>2020</b> , 33, 802-811	10
100	Prognostic impact of tumor budding and EMT in periampullary adenocarcinoma: a quantitative approach. <b>2020</b> , 11, 6474-6483	2
99	Pathologic assessment of endoscopic resection specimens with superficial carcinoma of the esophagus: current practice and practical issues. <b>2020</b> , 1482, 130-145	1
98	Evaluation of Tumor Budding in Predicting Survival for Gastric Carcinoma Patients in Vietnam. <b>2020</b> , 27, 1073274820968883	2
97	Tumour budding and tumour-stroma ratio in hepatocellular carcinoma. <b>2020</b> , 123, 38-45	6
96	How Does a Tumor Get Its Shape? MicroRNAs Act as Morphogens at the Cancer Invasion Front. <b>2020</b> , 6,	2
95	Prognostic Impact of Budding Grade in Patients With Residual Liver Recurrence of Colorectal Cancer After Initial Hepatectomy. <b>2020</b> , 27, 5200-5207	1

94	Prognostic Significance of Lacunarity in Preoperative Biopsy of Colorectal Cancer. <b>2020</b> , 26, 2567-2576	1
93	Lymphovascular invasion, perineural invasion, and tumor budding are prognostic factors for stage I colon cancer recurrence. <b>2020</b> , 35, 881-885	9
92	Prognostic significance of mesothelin expression in colorectal cancer disclosed by area-specific four-point tissue microarrays. <b>2020</b> , 477, 409-420	10
91	Tumor budding is an adverse prognostic marker in intestinal-type sinonasal adenocarcinoma and seems to be unrelated to epithelial-mesenchymal transition. <b>2020</b> , 477, 241-248	6
90	Tumour budding in solid cancers. <b>2021</b> , 18, 101-115	43
89	Tumor budding in upper urinary tract urothelial carcinoma: a putative prognostic factor for extraurothelial recurrence and overall survival. <b>2021</b> , 479, 45-55	1
88	Treatment Strategy for Oral Tongue Cancer Based on Estimation of the Tumor Invasive Potential. <b>2021</b> , 114, 563-571	
87	Proposal of a scoring system for predicting pathological risk based on a semiautomated analysis of whole slide images in oral squamous cell carcinoma. <b>2021</b> , 43, 1581-1591	2
86	Association Between Obesity and Histological Tumor Budding in Patients With Nonmetastatic Colon Cancer. <b>2021</b> , 4, e213897	1
85	Podocalyxin in Normal Tissue and Epithelial Cancer. <b>2021</b> , 13,	1
85	Podocalyxin in Normal Tissue and Epithelial Cancer. 2021, 13,  Tumor cell-secreted exosomal miR-22-3p inhibits transgelin and induces vascular abnormalization to promote tumor budding. 2021, 29, 2151-2166	5
	Tumor cell-secreted exosomal miR-22-3p inhibits transgelin and induces vascular abnormalization	
84	Tumor cell-secreted exosomal miR-22-3p inhibits transgelin and induces vascular abnormalization to promote tumor budding. <b>2021</b> , 29, 2151-2166  Tumor Budding as a Prognostic Marker in Rectal Cancer Patients on Propensity Score Analysis. <b>2021</b>	
84	Tumor cell-secreted exosomal miR-22-3p inhibits transgelin and induces vascular abnormalization to promote tumor budding. 2021, 29, 2151-2166  Tumor Budding as a Prognostic Marker in Rectal Cancer Patients on Propensity Score Analysis. 2021, 28, 8813-8822  Matrix adhesion and remodeling diversifies modes of cancer invasion across spatial scales. 2021,	5
84 83 82	Tumor cell-secreted exosomal miR-22-3p inhibits transgelin and induces vascular abnormalization to promote tumor budding. 2021, 29, 2151-2166  Tumor Budding as a Prognostic Marker in Rectal Cancer Patients on Propensity Score Analysis. 2021, 28, 8813-8822  Matrix adhesion and remodeling diversifies modes of cancer invasion across spatial scales. 2021, 524, 110733  Cytokeratin 7 expression as a predictor of an unfavorable prognosis in colorectal carcinoma. 2021,	2
84 83 82 81	Tumor cell-secreted exosomal miR-22-3p inhibits transgelin and induces vascular abnormalization to promote tumor budding. 2021, 29, 2151-2166  Tumor Budding as a Prognostic Marker in Rectal Cancer Patients on Propensity Score Analysis. 2021, 28, 8813-8822  Matrix adhesion and remodeling diversifies modes of cancer invasion across spatial scales. 2021, 524, 110733  Cytokeratin 7 expression as a predictor of an unfavorable prognosis in colorectal carcinoma. 2021, 11, 17863	2
84 83 82 81 80	Tumor cell-secreted exosomal miR-22-3p inhibits transgelin and induces vascular abnormalization to promote tumor budding. 2021, 29, 2151-2166  Tumor Budding as a Prognostic Marker in Rectal Cancer Patients on Propensity Score Analysis. 2021, 28, 8813-8822  Matrix adhesion and remodeling diversifies modes of cancer invasion across spatial scales. 2021, 524, 110733  Cytokeratin 7 expression as a predictor of an unfavorable prognosis in colorectal carcinoma. 2021, 11, 17863  Prognostic and Predictive Value of Tumor Budding in Colorectal Cancer. 2021, 20, 256-264  Stroma AReactive Invasion Front Areas (SARIFA)-A New Easily to Determine Biomarker in Colon	5 2 1 2

76	Surgical Pathology of Colorectal Cancer. <b>2002</b> , 247-265	2
75	Gene Signatures in Colorectal Cancer. <b>2012</b> , 115-136	2
74	Pathology of Anorectal and Colonic Specimens. <b>2010</b> , 81-115	O
73	Epithelial Cell Signalling in Colorectal Cancer Metastasis. <b>2010</b> , 205-241	4
72	Cancer of the vagina: Laminin-5gamma2 chain expression and prognosis. <b>2000</b> , 10, 391-396	14
71	Altered distribution and synthesis of laminin-5 (kalinin) in oral lichen planus, epithelial dysplasias and squamous cell carcinomas. <b>1997</b> , 136, 331-336	49
70	Form follows function: Morphological and immunohistological insights into epithelial-mesenchymal transition characteristics of tumor buds. <b>2017</b> , 39, 1010428317705501	10
69	Filamin C promotes lymphatic invasion and lymphatic metastasis and increases cell motility by regulating Rho GTPase in esophageal squamous cell carcinoma. <b>2017</b> , 8, 6353-6363	15
68	Construction of a pathological risk model of occult lymph node metastases for prognostication by semi-automated image analysis of tumor budding in early-stage oral squamous cell carcinoma. <b>2017</b> , 8, 18227-18237	17
67	Tumor deposits: markers of poor prognosis in patients with locally advanced rectal cancer following neoadjuvant chemoradiotherapy. <b>2016</b> , 7, 6335-44	16
66	Newly recognized extratumoral features of colorectal cancer challenge the current tumor-node-metastasis staging system. <b>2018</b> , 31, 525-534	6
65	Histopathological Significance and Prognostic Impact of Tumor Budding in Colorectal Cancer. <b>2018</b> , 19, 2447-2453	6
64	Laminin-52 chain expression is associated with tumor cell invasiveness and prognosis of lung squamous cell carcinoma. <b>2012</b> , 33, 309-17	25
63	The prognostic influence of tumour budding in Western patients with stage II colorectal cancer. <b>2020</b> , 14, 1130	2
62	Gland Attenuation, a Novel Morphological Feature of Colorectal Cancer: Evidence for an Epithelial-Mesenchymal Transition. <b>2018</b> , 34, 187-196	3
61	The Prognostic Significance of Tumor Budding, Tumor Nodules, and Lymph Node Extracapsular Extension in Stage III Colorectal Cancer Patients. <b>2007</b> , 23, 460	2
60	Clinicopathologic factors affecting recurrence after curative surgery for stage I colorectal cancer. <b>2012</b> , 28, 49-55	20
59	Overexpression of beta3/gamma2 chains of laminin-5 and MMP7 in biliary cancer. <b>2009</b> , 15, 3865-73	15

### (2012-2005)

58	Transforming growth factor beta can be a parameter of aggressiveness of pT1 colorectal cancer. <b>2005</b> , 11, 1193-5	23
57	ABCG5-positivity in tumor buds is an indicator of poor prognosis in node-negative colorectal cancer patients. <b>2010</b> , 16, 732-9	36
56	Standardization of whole slide image morphologic assessment with definition of a new application: Digital slide dynamic morphometry. <b>2011</b> , 2, 48	3
55	Intensity of tumor budding as an index for the malignant potential in invasive rectal carcinoma. <b>2005</b> , 37, 177-82	19
54	Prognostic and pathological impact of tumor budding in gastric cancer: A systematic review and meta-analysis. <b>2019</b> , 11, 898-908	7
53	Prognostic significance of tumor budding in muscle invasive urothelial carcinomas of the bladder. <b>2019</b> , 45, 273-278	5
52	A Case of Lymph Node Metastasis in Fossa Ischiorectalis from Early Low Rectal Cancer. <b>2010</b> , 43, 107-111	1
51	TNM staging system of colorectal carcinoma: a critical appraisal of challenging issues. <b>2010</b> , 134, 837-52	124
50	Prognostic factors in colorectal cancer. College of American Pathologists Consensus Statement 1999. <b>2000</b> , 124, 979-94	882
49	Updated protocol for the examination of specimens from patients with carcinomas of the colon and rectum, excluding carcinoid tumors, lymphomas, sarcomas, and tumors of the vermiform appendix: a basis for checklists. Cancer Committee. <b>2000</b> , 124, 1016-25	106
48	Outcomes of Pelvic Exenteration for Locally Advanced and Recurrent Rectal Cancer. 2021, 243-254	
47	A Biometric and Pathomorphological Study of the Invasive Front of Colorectal Carcinoma. <b>2007</b> , 19, 73-80	
46	Clinical Significance of the Depth of the Cancer Invasion Beyond Musuclaris Propria for Colon Cancer. <b>2007</b> , 32, 1-6	
45	The Relatioships Between Tumor-related Gene Expression and Tumor Budding, Tumor Nodule and Lymph Node Extracapsular Extension in Colorectal Cancer. <b>2009</b> , 25, 1	
44	Epithelial-Mesenchymal Transition in Colorectal Cancer. <b>2010</b> , 147-172	
43	Clinicopathologic Significances of EGFR Expression at Invasive Front of Colorectal Cancer. <b>2010</b> , 44, 16	
42	Matrix Metalloproteinase 7 (MMP-7) Expression Predicts the Status of Lymph Node Metastasis in Early Gastric Cancer. <b>2011</b> , 80, 182	
41	Tumor microenvironment and oral cancer invasion: YK classification and 3D architecture of tongue squamous cell carcinoma. <b>2012</b> , 24, 77-87	

40	Poorly Differentiated Cluster in Submucosal Colorectal Carcinoma. 2012, 65, 301-306	1
39	Cancers of the Rectum and Anal Canal. <b>2013,</b> 141-171	
38	Local Excision of Early-Stage Rectal Cancer. <b>2015</b> , 383-410	
37	Reporting of tumor budding in colorectal adenocarcinomas using 40 objective: A practical approach for resource constrained set-ups. <b>2017</b> , 54, 640-645	2
36	Tumor budding as a new histological parameter in the metastasis of colorectal cancer. <b>2018</b> , 8, 118-123	1
35	Cell budding. <b>2019</b> , 23, 330-332	
34	Pathological Evaluation, Classification, and Staging of Gastrointestinal Cancers. <b>2019</b> , 13-36	
33	Transanal Endoscopic Surgery for Rectal Cancer: Indications, Staging, and Perioperative Considerations. <b>2020</b> , 647-659	
32	Tumor budding index and microvessel density assessment in patients with endometrial cancer: A pilot study. <b>2020</b> , 20, 2701-2710	O
31	Interactive Dynamics of Reaction-Diffusion and Adhesion Predict Diverse Invasion Strategies of Cancer Cells in Matrix-Like Microenvironments.	
30	Interactive dynamics of matrix adhesion and reaction-diffusion predict diverse multiscale strategies of cancer cell invasion.	
29	Early Colorectal Cancer. <b>2021</b> , 263-277	1
28	The gamma 2 chain of kalinin/laminin 5 is preferentially expressed in invading malignant cells in human cancers. <b>1994</b> , 145, 782-91	194
27	The biological relevance of laminin 5gamma2 expression at the invading edge of colonic carcinomas. <b>2008</b> , 1, 254-9	1
26	Complete endoscopic mucosal resection of malignant colonic sessile polyps and clinical outcome of 51 cases. <b>2019</b> , 32, 174-177	2
25	Tumor Budding Score Is a Strong and Independent Prognostic Factor in Patients With Pancreatic Ductal Adenocarcinoma: An Evaluation of Whole Slide Pathology Images of Large Sections <b>2021</b> , 11, 740212	
24	Rectal Cancer: Local Excision. <b>2022</b> , 479-489	
23	Inflammation-based Indexes Upon Adjuvant Chemotherapy Initiation as a Predictor of Relapse After Curative Resection of Colorectal Cancer With an Oxaliplatin-based Regimen <b>2022</b> , 2, 64-70	O

22	Potential key roles of tumour budding: a representative malignant pathological feature of non-small cell lung cancer and a sensitive indicator of prognosis <b>2022</b> , 12, e054009	O
21	The relationship of tumor budding with GOLPH3 expression and histopathological prognostic parameters in colorectal adenocarcinoma <b>2022</b> , 58, 151933	
20	Novel pathological predictive factors for extranodal extension in oral squamous cell carcinoma: a retrospective cohort study based on tumor budding, desmoplastic reaction, tumor-infiltrating lymphocytes, and depth of invasion <b>2022</b> , 22, 402	3
19	Image_1.JPEG. <b>2018</b> ,	
18	Is there still a place for conventional histopathology in the age of molecular medicine? Laurfi classification, inflammatory infiltration and other current topics in gastric cancer diagnosis and prognosis. <b>2021</b> , 36, 587-613	3
17	Identification of high-risk stage I colon and rectal cancer patients: a retrospective analysis of a large Japanese cohort <b>2022</b> ,	o
16	A Novel Combined Tumor Budding-Poorly Differentiated Clusters Grading System Predicts Recurrence and Survival in Stage I-III Colorectal Cancer. <b>25</b> , Publish Ahead of Print,	
15	A Retrospective Study of Association of Tumor Budding, Tumor Microenvironment, and Clinicopathological Characteristics of Invasive Breast Carcinoma.	
14	The Emerging Impact of Tumor Budding in Oral Squamous Cell Carcinoma: Main Issues and Clinical Relevance of a New Prognostic Marker. <b>2022</b> , 14, 3571	О
13	Attackers and defenders: tumor buds and lymphocytes as morphological biomarkers in colorectal cancer. <b>2022</b> ,	
12	Evaluation And Applicability Of Tumour Budding And Poorly Differentiated Clusters As Additional Prognostic Markers In Colorectal Cancers.	О
11	EPDR1 levels and tumor budding predict and affect the prognosis of bladder carcinoma. 12,	1
10	Polyploid giant cancer cells and cancer progression. 10,	O
9	Osteopontin expression in the invasive front stroma of colorectal adenocarcinoma is associated with tumor budding and prognosis. <b>2022</b> , 240, 154190	1
8	Does the number of cell forming tumor budding alter the prognostic value in invasive ductal carcinoma of breast?. <b>2022</b> , 240, 154157	О
7	Clinical Score to Predict Recurrence in Patients with Stage II and Stage III Colon Cancer. <b>2022</b> , 14, 5891	O
6	MMP14 expression levels accurately predict the presence of extranodal extensions in oral squamous cell carcinoma: a retrospective cohort study.	О
5	Tumor budding as an indicator for lymph node metastasis and prognosis of early gastric cancer.	O

High-yield areas to grade tumor budding in colorectal cancer: A practical approach for pathologists.

2023, 63, 152085

MMP14 expression levels accurately predict the presence of extranodal extensions in oral squamous cell carcinoma: a retrospective cohort study. 2023, 23,

LncRNA LINC01207 Could Positively Regulate the Development of Colorectal Cancer. 2023, 2023, 1-9

Is there no need to discuss adjuvant chemotherapy in stage II colon cancer patients with high tumor budding and lymphovascular invasion?. 2023, 408,