

Claus Lindbjerg Andersen

List of Publications by Year in descending order

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Version: 2024-02-01

131
papers

18,406
citations

39113

52
h-index

29333

108
g-index

137
all docs

137
docs citations

137
times ranked

33636
citing authors

#	ARTICLE	IF	CITATIONS
1	Normalization of Real-Time Quantitative Reverse Transcription-PCR Data: A Model-Based Variance Estimation Approach to Identify Genes Suited for Normalization, Applied to Bladder and Colon Cancer Data Sets. <i>Cancer Research</i> , 2004, 64, 5245-5250.	0.4	5,993
2	Oncogene-induced senescence is part of the tumorigenesis barrier imposed by DNA damage checkpoints. <i>Nature</i> , 2006, 444, 633-637.	13.7	1,777
3	Direct detection of early-stage cancers using circulating tumor DNA. <i>Science Translational Medicine</i> , 2017, 9, .	5.8	808
4	Genome-wide cell-free DNA fragmentation in patients with cancer. <i>Nature</i> , 2019, 570, 385-389.	13.7	764
5	Analysis of Plasma Cell-Free DNA by Ultradeep Sequencing in Patients With Stages I to III Colorectal Cancer. <i>JAMA Oncology</i> , 2019, 5, 1124.	3.4	538
6	Diagnostic and Prognostic MicroRNAs in Stage II Colon Cancer. <i>Cancer Research</i> , 2008, 68, 6416-6424.	0.4	459
7	A Dual Program for Translation Regulation in Cellular Proliferation and Differentiation. <i>Cell</i> , 2014, 158, 1281-1292.	13.5	414
8	An Optimized Shotgun Strategy for the Rapid Generation of Comprehensive Human Proteomes. <i>Cell Systems</i> , 2017, 4, 587-599.e4.	2.9	413
9	p53-Responsive MicroRNAs 192 and 215 Are Capable of Inducing Cell Cycle Arrest. <i>Cancer Research</i> , 2008, 68, 10094-10104.	0.4	412
10	Metastasis-Associated Gene Expression Changes Predict Poor Outcomes in Patients with Dukes Stage B and C Colorectal Cancer. <i>Clinical Cancer Research</i> , 2009, 15, 7642-7651.	3.2	395
11	Analysis of circulating tumour DNA to monitor disease burden following colorectal cancer surgery. <i>Gut</i> , 2016, 65, 625-634.	6.1	381
12	Genomic Profiling of MicroRNAs in Bladder Cancer: miR-129 Is Associated with Poor Outcome and Promotes Cell Death <i>in vitro</i> . <i>Cancer Research</i> , 2009, 69, 4851-4860.	0.4	349
13	Early Detection of Metastatic Relapse and Monitoring of Therapeutic Efficacy by Ultra-Deep Sequencing of Plasma Cell-Free DNA in Patients With Urothelial Bladder Carcinoma. <i>Journal of Clinical Oncology</i> , 2019, 37, 1547-1557.	0.8	298
14	Next-Generation Sequencing of RNA and DNA Isolated from Paired Fresh-Frozen and Formalin-Fixed Paraffin-Embedded Samples of Human Cancer and Normal Tissue. <i>PLoS ONE</i> , 2014, 9, e98187.	1.1	284
15	Clinical Implications of Monitoring Circulating Tumor DNA in Patients with Colorectal Cancer. <i>Clinical Cancer Research</i> , 2017, 23, 5437-5445.	3.2	232
16	Alternative Splicing in Colon, Bladder, and Prostate Cancer Identified by Exon Array Analysis. <i>Molecular and Cellular Proteomics</i> , 2008, 7, 1214-1224.	2.5	202
17	Dynamics of human DNA topoisomerases III α and III β in living cells. <i>Journal of Cell Biology</i> , 2002, 157, 31-44.	2.3	190
18	SNHG5 promotes colorectal cancer cell survival by counteracting STAU1-mediated mRNA destabilization. <i>Nature Communications</i> , 2016, 7, 13875.	5.8	170

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19	Detection and characterization of lung cancer using cell-free DNA fragmentomes. <i>Nature Communications</i> , 2021, 12, 5060.	5.8	161
20	SNHG16 is regulated by the Wnt pathway in colorectal cancer and affects genes involved in lipid metabolism. <i>Molecular Oncology</i> , 2016, 10, 1266-1282.	2.1	151
21	Identification and validation of highly frequent CpG island hypermethylation in colorectal adenomas and carcinomas. <i>International Journal of Cancer</i> , 2011, 129, 2855-2866.	2.3	140
22	Evaluation of two commercial global miRNA expression profiling platforms for detection of less abundant miRNAs. <i>BMC Genomics</i> , 2011, 12, 435.	1.2	140
23	Putative cis-regulatory drivers in colorectal cancer. <i>Nature</i> , 2014, 512, 87-90.	13.7	136
24	Circulating U2 small nuclear RNA fragments as a novel diagnostic biomarker for pancreatic and colorectal adenocarcinoma. <i>International Journal of Cancer</i> , 2013, 132, E48-57.	2.3	126
25	The splicing factor <i>SRSF6</i> is amplified and is an oncoprotein in lung and colon cancers. <i>Journal of Pathology</i> , 2013, 229, 630-639.	2.1	126
26	Repression of KIAA1199 attenuates Wnt-signalling and decreases the proliferation of colon cancer cells. <i>British Journal of Cancer</i> , 2011, 105, 552-561.	2.9	106
27	Circulating Tumor DNA in Stage III Colorectal Cancer, beyond Minimal Residual Disease Detection, toward Assessment of Adjuvant Therapy Efficacy and Clinical Behavior of Recurrences. <i>Clinical Cancer Research</i> , 2022, 28, 507-517.	3.2	104
28	Frequent occurrence of uniparental disomy in colorectal cancer. <i>Carcinogenesis</i> , 2007, 28, 38-48.	1.3	97
29	Dysregulation of the transcription factors SOX4, CFBF and SMARCC1 correlates with outcome of colorectal cancer. <i>British Journal of Cancer</i> , 2009, 100, 511-523.	2.9	94
30	A DERL3-associated defect in the degradation of SLC2A1 mediates the Warburg effect. <i>Nature Communications</i> , 2014, 5, 3608.	5.8	94
31	Mnk2 Alternative Splicing Modulates the p38-MAPK Pathway and Impacts Ras-Induced Transformation. <i>Cell Reports</i> , 2014, 7, 501-513.	2.9	92
32	MiRNA-362a-3p induces cell cycle arrest through targeting of E2F1, USF2 and PTPN1 and is associated with recurrence of colorectal cancer. <i>International Journal of Cancer</i> , 2013, 133, 67-78.	2.3	91
33	Establishment and characterization of models of chemotherapy resistance in colorectal cancer: Towards a predictive signature of chemoresistance. <i>Molecular Oncology</i> , 2015, 9, 1169-1185.	2.1	91
34	The effect of surgical trauma on circulating free DNA levels in cancer patients—implications for studies of circulating tumor DNA. <i>Molecular Oncology</i> , 2020, 14, 1670-1679.	2.1	89
35	miRNA profiling of circulating EpCAM ⁺ extracellular vesicles: promising biomarkers of colorectal cancer. <i>Journal of Extracellular Vesicles</i> , 2016, 5, 31488.	5.5	88
36	Role of Activating Fibroblast Growth Factor Receptor 3 Mutations in the Development of Bladder Tumors. <i>Clinical Cancer Research</i> , 2005, 11, 7709-7719.	3.2	87

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37	DNA Copy-Number Alterations Underlie Gene Expression Differences between Microsatellite Stable and Unstable Colorectal Cancers. <i>Clinical Cancer Research</i> , 2008, 14, 8061-8069.	3.2	84
38	Novel DNA methylation biomarkers show high sensitivity and specificity for blood-based detection of colorectal cancer—a clinical biomarker discovery and validation study. <i>Clinical Epigenetics</i> , 2019, 11, 158.	1.8	83
39	miR-625-3p regulates oxaliplatin resistance by targeting MAP2K6-p38 signalling in human colorectal adenocarcinoma cells. <i>Nature Communications</i> , 2016, 7, 12436.	5.8	82
40	Molecular-Subtype-Specific Biomarkers Improve Prediction of Prognosis in Colorectal Cancer. <i>Cell Reports</i> , 2017, 19, 1268-1280.	2.9	79
41	Long-range epigenetic silencing of chromosome 5q31 protocadherins is involved in early and late stages of colorectal tumorigenesis through modulation of oncogenic pathways. <i>Oncogene</i> , 2012, 31, 4409-4419.	2.6	77
42	High expression of microRNA-625-3p is associated with poor response to first-line oxaliplatin based treatment of metastatic colorectal cancer. <i>Molecular Oncology</i> , 2013, 7, 637-646.	2.1	77
43	Alternative Splicing of SLC39A14 in Colorectal Cancer is Regulated by the Wnt Pathway. <i>Molecular and Cellular Proteomics</i> , 2011, 10, M110.002998.	2.5	73
44	Gene expression signatures for colorectal cancer microsatellite status and HNPCC. <i>British Journal of Cancer</i> , 2005, 92, 2240-2248.	2.9	70
45	Non-CpG island promoter hypomethylation and miR-149 regulate the expression of <i>SRPX2</i> in colorectal cancer. <i>International Journal of Cancer</i> , 2013, 132, 2303-2315.	2.3	68
46	High-Throughput Copy Number Analysis of 17q23 in 3520 Tissue Specimens by Fluorescence in Situ Hybridization to Tissue Microarrays. <i>American Journal of Pathology</i> , 2002, 161, 73-79.	1.9	66
47	Attenuation of the beta-catenin/TCF4 complex in colorectal cancer cells induces several growth-suppressive microRNAs that target cancer promoting genes. <i>Oncogene</i> , 2012, 31, 2750-2760.	2.6	66
48	Differential expression of DHHC9 in microsatellite stable and instable human colorectal cancer subgroups. <i>British Journal of Cancer</i> , 2007, 96, 1896-1903.	2.9	65
49	Clusterin Expression in Normal Mucosa and Colorectal Cancer. <i>Molecular and Cellular Proteomics</i> , 2007, 6, 1039-1048.	2.5	61
50	Improved procedure for fluorescence in situ hybridization on tissue microarrays. <i>Cytometry</i> , 2001, 45, 83-86.	1.8	60
51	Tumor-specific usage of alternative transcription start sites in colorectal cancer identified by genome-wide exon array analysis. <i>BMC Genomics</i> , 2011, 12, 505.	1.2	57
52	The DNA damage checkpoint precedes activation of ARF in response to escalating oncogenic stress during tumorigenesis. <i>Cell Death and Differentiation</i> , 2013, 20, 1485-1497.	5.0	57
53	Comparative analysis of 12 different kits for bisulfite conversion of circulating cell-free DNA. <i>Epigenetics</i> , 2017, 12, 626-636.	1.3	56
54	Blockage of receptor for advanced glycation end products prevents development of cardiac dysfunction in db/db type 2 diabetic mice. <i>European Journal of Heart Failure</i> , 2009, 11, 638-647.	2.9	53

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55	Genome-wide analysis of allelic imbalance in prostate cancer using the Affymetrix 50K SNP mapping array. <i>British Journal of Cancer</i> , 2007, 96, 499-506.	2.9	50
56	Functional Screening Identifies miRNAs Influencing Apoptosis and Proliferation in Colorectal Cancer. <i>PLoS ONE</i> , 2014, 9, e96767.	1.1	49
57	Characterization of genetic intratumor heterogeneity in colorectal cancer and matching patient-derived spheroid cultures. <i>Molecular Oncology</i> , 2018, 12, 132-147.	2.1	49
58	The non-coding variant rs1800734 enhances DCLK3 expression through long-range interaction and promotes colorectal cancer progression. <i>Nature Communications</i> , 2017, 8, 14418.	5.8	48
59	Are microRNAs located in genomic regions associated with cancer?. <i>British Journal of Cancer</i> , 2006, 95, 1415-1418.	2.9	42
60	Translocation t(2;7)(p12;q21-22) with dysregulation of the CDK6 gene mapping to 7q21-22 in a non-Hodgkin's lymphoma with leukemia. <i>Haematologica</i> , 2002, 87, 357-62.	1.7	42
61	Frequent genomic loss at chr16p13.2 is associated with poor prognosis in colorectal cancer. <i>International Journal of Cancer</i> , 2011, 129, 1848-1858.	2.3	41
62	DAPK1 loss triggers tumor invasion in colorectal tumor cells. <i>Cell Death and Disease</i> , 2019, 10, 895.	2.7	41
63	Performance of the colorectal cancer screening marker Sept9 is influenced by age, diabetes and arthritis: a nested case-control study. <i>BMC Cancer</i> , 2015, 15, 819.	1.1	39
64	Clusterin expression can be modulated by changes in TCF1-mediated Wnt signaling. <i>Journal of Molecular Signaling</i> , 2007, 2, 6.	0.5	36
65	A narrow deletion of 7q is common to HCL, and SMZL, but not CLL. <i>European Journal of Haematology</i> , 2004, 72, 390-402.	1.1	35
66	A genetically inducible porcine model of intestinal cancer. <i>Molecular Oncology</i> , 2017, 11, 1616-1629.	2.1	34
67	Tumour-agnostic circulating tumour DNA analysis for improved recurrence surveillance after resection of colorectal liver metastases: A prospective cohort study. <i>European Journal of Cancer</i> , 2022, 163, 163-176.	1.3	33
68	Identification of 33 candidate oncogenes by screening for base-specific mutations. <i>British Journal of Cancer</i> , 2014, 111, 1657-1662.	2.9	30
69	Active, but not inactive, human centromeres display topoisomerase II activity in vivo. <i>Chromosome Research</i> , 2002, 10, 305-312.	1.0	29
70	Recurrent genomic imbalances in B-cell splenic marginal-zone lymphoma revealed by comparative genomic hybridization. <i>Cancer Genetics and Cytogenetics</i> , 2005, 156, 122-128.	1.0	26
71	CpG islands detected by self-primed in situ labeling (SPRINS). <i>Chromosoma</i> , 1998, 107, 260-266.	1.0	25
72	A Hidden Markov Model to estimate population mixture and allelic copy-numbers in cancers using Affymetrix SNP arrays. <i>BMC Bioinformatics</i> , 2007, 8, 434.	1.2	25

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73	Contribution of allelic imbalance to colorectal cancer. <i>Nature Communications</i> , 2018, 9, 3664.	5.8	25
74	Correlation between early dynamics in circulating tumour DNA and outcome from FOLFIRI treatment in metastatic colorectal cancer. <i>Scientific Reports</i> , 2019, 9, 11542.	1.6	25
75	Elevated microRNA-126 is associated with high vascular endothelial growth factor receptor 2 expression levels and high microvessel density in colorectal cancer. <i>Oncology Letters</i> , 2011, 2, 1101-1106.	0.8	24
76	IMPROVE-IT2: implementing noninvasive circulating tumor DNA analysis to optimize the operative and postoperative treatment for patients with colorectal cancer – intervention trial 2. Study protocol. <i>Acta Oncológica</i> , 2020, 59, 336-341.	0.8	24
77	Circulating tumor DNA for prognosis assessment and postoperative management after curative resection of colorectal liver metastases. <i>International Journal of Cancer</i> , 2022, 150, 1537-1548.	2.3	22
78	Determinants of recurrence after intended curative resection for colorectal cancer. <i>Scandinavian Journal of Gastroenterology</i> , 2014, 49, 1399-1408.	0.6	18
79	Validation of computational determination of microsatellite status using whole exome sequencing data from colorectal cancer patients. <i>BMC Cancer</i> , 2019, 19, 971.	1.1	18
80	Circulating tumor DNA analysis for assessment of recurrence risk, benefit of adjuvant therapy, and early relapse detection after treatment in colorectal cancer patients. <i>Journal of Clinical Oncology</i> , 2021, 39, 11-11.	0.8	18
81	Genotyping and annotation of Affymetrix SNP arrays. <i>Nucleic Acids Research</i> , 2006, 34, e100-e100.	6.5	17
82	The association between genetic variants in hMLH1 and hMSH2 and the development of sporadic colorectal cancer in the Danish population. <i>BMC Medical Genetics</i> , 2008, 9, 52.	2.1	14
83	Development of blood-based biomarker tests for early detection of colorectal neoplasia: Influence of blood collection timing and handling procedures. <i>Clinica Chimica Acta</i> , 2020, 507, 39-53.	0.5	14
84	The potential role of Alu Y in the development of resistance to SN38 (Irinotecan) or oxaliplatin in colorectal cancer. <i>BMC Genomics</i> , 2015, 16, 404.	1.2	13
85	Transcriptomic and proteomic intra-tumor heterogeneity of colorectal cancer varies depending on tumor location within the colorectum. <i>PLoS ONE</i> , 2020, 15, e0241148.	1.1	13
86	Enhanced Performance of DNA Methylation Markers by Simultaneous Measurement of Sense and Antisense DNA Strands after Cytosine Conversion. <i>Clinical Chemistry</i> , 2020, 66, 925-933.	1.5	12
87	A Beta-mixture model for dimensionality reduction, sample classification and analysis. <i>BMC Bioinformatics</i> , 2011, 12, 215.	1.2	10
88	Circulating tumor DNA to detect minimal residual disease, response to adjuvant therapy, and identify patients at high risk of recurrence in patients with stage I-III CRC. <i>Journal of Clinical Oncology</i> , 2020, 38, 4009-4009.	0.8	10
89	Triage for selection to colonoscopy?. <i>European Journal of Surgical Oncology</i> , 2018, 44, 1539-1541.	0.5	9
90	Age-stratified reference intervals unlock the clinical potential of circulating cell-free DNA as a biomarker of poor outcome for healthy individuals and patients with colorectal cancer. <i>International Journal of Cancer</i> , 2021, 148, 1665-1675.	2.3	9

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91	Error Characterization and Statistical Modeling Improves Circulating Tumor DNA Detection by Droplet Digital PCR. <i>Clinical Chemistry</i> , 2022, 68, 657-667.	1.5	9
92	Trisomy 10 Survival: A Literature Review and Presentation of Seven New Cases. <i>Cancer Genetics and Cytogenetics</i> , 1998, 103, 130-132.	1.0	8
93	Characterization of three hairy cell leukemia- derived cell lines (ESKOL, JOK-1, and Hair-M) by multiplex-FISH, comparative genomic hybridization, FISH, PRINS, and dideoxyPRINS. <i>Cytogenetic and Genome Research</i> , 2000, 90, 30-39.	0.6	8
94	Functional characterization of rare missense mutations in MLH1 and MSH2 identified in Danish colorectal cancer patients. <i>Familial Cancer</i> , 2009, 8, 489-500.	0.9	8
95	Recurrent imbalances involving chromosome 5 and 7q22-q35 in hairy cell leukemia: A comparative genomic hybridization study. <i>Genes Chromosomes and Cancer</i> , 2001, 30, 218-219.	1.5	7
96	Gel-Based Proteomics of Clinical Samples Identifies Potential Serological Biomarkers for Early Detection of Colorectal Cancer. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6082.	1.8	7
97	The Monosomy 7 Clone in Interphase and Metaphase Cell Populations: A Combined Chromosome and Primed in situ Labeling Study. <i>Acta Haematologica</i> , 1997, 97, 216-221.	0.7	6
98	Putting a brake on stress signaling:miR-625-3pas a biomarker for choice of therapy in colorectal cancer. <i>Epigenomics</i> , 2016, 8, 1449-1452.	1.0	6
99	Rsegâ€”an R package to optimize segmentation of SNP array data. <i>Bioinformatics</i> , 2011, 27, 419-420.	1.8	5
100	MethCORR modelling of methylomes from formalin-fixed paraffin-embedded tissue enables characterization and prognostication of colorectal cancer. <i>Nature Communications</i> , 2020, 11, 2025.	5.8	5
101	Serial circulating tumor DNA analysis to assess recurrence risk, benefit of adjuvant therapy, growth rate and early relapse detection in stage III colorectal cancer patients.. <i>Journal of Clinical Oncology</i> , 2021, 39, 3540-3540.	0.8	5
102	Extensive cytogenetic analysis of a stable dicentric isochromosome 21, idic(21), formed by fusion of the terminal long arms. <i>Cytogenetic and Genome Research</i> , 2002, 97, 145-148.	0.6	3
103	SNPTools: a software tool for visualization and analysis of microarray data. <i>Bioinformatics</i> , 2007, 23, 1550-1552.	1.8	3
104	Early detection of lung cancer using cfDNA fragmentation.. <i>Journal of Clinical Oncology</i> , 2021, 39, 8519-8519.	0.8	3
105	DNA Microarrays and Genetic Testing. , 2010, , 247-265.		2
106	3â€²-UTR poly(T/U) repeat of EWSR1 is altered in microsatellite unstable colorectal cancer with nearly perfect sensitivity. <i>Familial Cancer</i> , 2015, 14, 449-453.	0.9	2
107	Abstract LB-476: A universal method for elimination of haemolyzed plasma samples that improves miRNA signature performance for early detection of colorectal cancer. <i>Cancer Research</i> , 2012, 72, LB-476-LB-476.	0.4	2
108	Abstract 3964: In colorectal cancer cells, the beta-catenin/TCF complex regulates several growth suppressive microRNAs that target cancer promoting genes. , 2011, , .		1

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109	Abstract 4138: miRNA-362-3p is associated with recurrence of colorectal cancer and targets E2F1, USF2 and PTPN1. , 2012, , .		1
110	Abstract 4678: KIAA1199 depletion targets the wnt/beta catenin signaling pathway and impairs migration and proliferation of human colon cancer cells. , 2010, , .		1
111	Abstract 5193: Novel candidate oncogenes with mutation hot spots in microsatellite unstable colorectal cancer. , 2014, , .		1
112	Genome-wide cell-free DNA fragmentation profiling for early cancer detection.. Journal of Clinical Oncology, 2019, 37, 3018-3018.	0.8	1
113	Are CIMP and chr16p13.2 copy number status independent prognostic markers in Stages II and III colorectal cancer?. International Journal of Cancer, 2012, 130, 243-243.	2.3	0
114	MethCORR infers gene expression from DNA methylation and allows molecular analysis of ten common cancer types using fresh-frozen and formalin-fixed paraffin-embedded tumor samples. Clinical Epigenetics, 2021, 13, 20.	1.8	0
115	Abstract 2853: Transposon-activated POU5F1B promotes colorectal cancer growth and metastasis. , 2021, , .		0
116	Methods for derivation of LOH and allelic copy numbers using SNP arrays. , 2009, , 52-77.		0
117	Abstract 2139: Loss at chr16p13.2 is frequently observed in colorectal neoplasia and is associated with poor prognosis. , 2010, , .		0
118	Abstract LB-68: Comparative analysis of the miRNome in tumors and plasma from colorectal cancer patients. , 2010, , .		0
119	Abstract 2816: Discovery of a miRNA-based RT-qPCR signature able to detect early stage colorectal cancer in blood plasma. , 2011, , .		0
120	Validation of a plasma-based miRNA PCR test for early detection of colorectal cancer.. Journal of Clinical Oncology, 2012, 30, 424-424.	0.8	0
121	Abstract 4701: Cancer-specific genomic rearrangements used to quantify disease burden in plasma from patients with colorectal cancer.. , 2013, , .		0
122	Abstract 5233: MicroRNA in biofluid as robust biomarkers for cancer. , 2014, , .		0
123	Abstract 2927: miR-625-3p regulates oxaliplatin resistance by targeting MAP2K6-p38 signalling in human colorectal adenocarcinoma cell. , 2016, , .		0
124	Abstract 2630: Integration of tumor microenvironment and molecular subclassification of colorectal cancer identifies patient subsets with poor prognosis. , 2016, , .		0
125	Abstract 3804: Comprehensive comparison of bisulfite conversion kits: A guide for optimal sensitivity and specificity of circulating cell-free DNA methylation-based biomarkers. , 2017, , .		0
126	Abstract 2906: Characterization of genetic intratumor heterogeneity of colorectal cancer and matching organoids. , 2017, , .		0

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127	Plasma-only ctDNA-Guided MRD Detection in Patients with CRCâ€™Letter. Clinical Cancer Research, 2021, 27, 6613-6613.	3.2	0
128	Title is missing!., 2020, 15, e0241148.		0
129	Title is missing!., 2020, 15, e0241148.		0
130	Title is missing!., 2020, 15, e0241148.		0
131	Title is missing!., 2020, 15, e0241148.		0