Shu Zheng

List of Publications by Year
in descending order

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132 papers	5,451 citations	109264 35 h-index	95218 68 g-index
140 all docs	140 docs citations	140 times ranked	8874 citing authors

#	Article	IF	Citations
1	Exosome Theranostics: Biology and Translational Medicine. Theranostics, 2018, 8, 237-255.	4.6	739
2	Î³ÎT17 Cells Promote the Accumulation and Expansion of Myeloid-Derived Suppressor Cells in Human Colorectal Cancer. Immunity, 2014, 40, 785-800.	6.6	489
3	Application of exosomes as liquid biopsy in clinical diagnosis. Signal Transduction and Targeted Therapy, 2020, 5, 144.	7.1	396
4	Circulating tumor cells: biology and clinical significance. Signal Transduction and Targeted Therapy, 2021, 6, 404.	7.1	286
5	Fecal Bacteria Act as Novel Biomarkers for Noninvasive Diagnosis of Colorectal Cancer. Clinical Cancer Research, 2017, 23, 2061-2070.	3.2	266
6	Colorectal cancer-derived small extracellular vesicles establish an inflammatory premetastatic niche in liver metastasis. Carcinogenesis, 2018, 39, 1368-1379.	1.3	172
7	Arginine Starvation Impairs Mitochondrial Respiratory Function in ASS1-Deficient Breast Cancer Cells. Science Signaling, 2014, 7, ra31.	1.6	144
8	Glucose transporter GLUT1 expression and clinical outcome in solid tumors: a systematic review and meta-analysis. Oncotarget, 2017, 8, 16875-16886.	0.8	144
9	ICAM-5/Telencephalin Is a Functional Entry Receptor for Enterovirus D68. Cell Host and Microbe, 2016, 20, 631-641.	5.1	107
10	Association between Oxidative DNA Damage and Risk of Colorectal Cancer: Sensitive Determination of Urinary 8-Hydroxy-2â€²-deoxyguanosine by UPLC-MS/MS Analysis. Scientific Reports, 2016, 6, 32581.	1.6	102
11	Cancer-Associated Fibroblasts in Pancreatic Cancer Are Reprogrammed by Tumor-Induced Alterations in Genomic DNA Methylation. Cancer Research, 2016, 76, 5395-5404.	0.4	95
12	Unique and complementary suppression of cGAS-STING and RNA sensing- triggered innate immune responses by SARS-CoV-2 proteins. Signal Transduction and Targeted Therapy, 2021, 6, 123.	7.1	89
13	Cross-talk between the gut microbiota and monocyte-like macrophages mediates an inflammatory response to promote colitis-associated tumourigenesis. Gut, 2021, 70, 1495-1506.	6.1	77
14	A circulating extracellular vesiclesâ€based novel screening tool for colorectal cancer revealed by shotgun and dataâ€independent acquisition mass spectrometry. Journal of Extracellular Vesicles, 2020, 9, 1750202.	5.5	70
15	The functions and clinical applications of tumor-derived exosomes. Oncotarget, 2016, 7, 60736-60751.	0.8	70
16	Cluster Randomization Trial of Sequence Mass Screening for Colorectal Cancer. Diseases of the Colon and Rectum, 2003, 46, 51-58.	0.7	66
17	Feasibility and Accuracy of Sentinel Lymph Node Biopsy in Clinically Node-Positive Breast Cancer after Neoadjuvant Chemotherapy: A Meta-Analysis. PLoS ONE, 2014, 9, e105316.	1.1	66
18	Nanoparticle Counting by Microscopic Digital Detection: Selective Quantitative Analysis of Exosomes via Surface-Anchored Nucleic Acid Amplification. Analytical Chemistry, 2018, 90, 6556-6562.	3.2	57

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19	A seven-gene signature predicts overall survival of patients with colorectal cancer. Oncotarget, 2017, 8, 95054-95065.	0.8	54
20	Expressional activation and functional roles of human endogenous retroviruses in cancers. Reviews in Medical Virology, 2019, 29, e2025.	3.9	52
21	DPHL: A DIA Pan-human Protein Mass Spectrometry Library for Robust Biomarker Discovery. Genomics, Proteomics and Bioinformatics, 2020, 18, 104-119.	3.0	51
22	CLCA1 suppresses colorectal cancer aggressiveness via inhibition of the Wnt/beta-catenin signaling pathway. Cell Communication and Signaling, 2017, 15, 38.	2.7	48
23	Multi-omics Approach Reveals Distinct Differences in Left- and Right-Sided Colon Cancer. Molecular Cancer Research, 2018, 16, 476-485.	1.5	47
24	Significant prognostic values of differentially expressed-aberrantly methylated hub genes in breast cancer. Journal of Cancer, 2019, 10, 6618-6634.	1.2	47
25	Performance value of high risk factors in colorectal cancerscreening in China. World Journal of Gastroenterology, 2009, 15, 6111.	1.4	46
26	CHI3L1 Is a Liver-Enriched, Noninvasive Biomarker That Can Be Used to Stage and Diagnose Substantial Hepatic Fibrosis. OMICS A Journal of Integrative Biology, 2015, 19, 339-345.	1.0	46
27	Potential application of the oxidative nucleic acid damage biomarkers in detection of diseases. Oncotarget, 2017, 8, 75767-75777.	0.8	44
28	Prognostic and therapeutic significance of ribonucleotide reductase small subunit M2 in estrogen-negative breast cancers. BMC Cancer, 2014, 14, 664.	1.1	43
29	Highâ€risk Stage III colon cancer patients identified by a novel fiveâ€gene mutational signature are characterized by upregulation of ILâ€23A and gut bacterial translocation of the tumor microenvironment. International Journal of Cancer, 2020, 146, 2027-2035.	2.3	43
30	Subtyping of microsatellite instability-high colorectal cancer. Cell Communication and Signaling, 2019, 17, 79.	2.7	42
31	Germline mutations of PALB2 gene in a sequential series of Chinese patients with breast cancer. Breast Cancer Research and Treatment, 2017, 166, 865-873.	1.1	39
32	Identification of MST1 as a potential early detection biomarker for colorectal cancer through a proteomic approach. Scientific Reports, 2017, 7, 14265.	1.6	38
33	A novel malic acid-enhanced method for the analysis of 5-methyl-2â€²-deoxycytidine, 5-hydroxymethyl-2â€²-deoxycytidine, 5-methylcytidine and 5-hydroxymethylcytidine in human urine using hydrophilic interaction liquid chromatography-tandem mass spectrometry. Analytica Chimica Acta, 2018, 1034, 110-118.	2.6	38
34	HIV-2/SIV Vpx targets a novel functional domain of STING to selectively inhibit cGASâ€“STING-mediated NF-ÎºB signalling. Nature Microbiology, 2019, 4, 2552-2564.	5.9	38
35	Intake of cruciferous vegetables is associated with reduced risk of ovarian cancer: a meta-analysis. Asia Pacific Journal of Clinical Nutrition, 2015, 24, 101-9.	0.3	38
36	Prevalence and clinical outcomes of germline mutations in BRCA1/2 and PALB2 genes in 2769 unselected breast cancer patients in China. International Journal of Cancer, 2019, 145, 1517-1528.	2.3	37

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37	MicroRNA-127-3p promotes glioblastoma cell migration and invasion by targeting the tumor-suppressor gene SEPT7. Oncology Reports, 2014, 31, 2261-2269.	1.2	36
38	microRNA-1827 represses MDM2 to positively regulate tumor suppressor p53 and suppress tumorigenesis. Oncotarget, 2016, 7, 8783-8796.	0.8	36
39	OLA1 regulates protein synthesis and integrated stress response by inhibiting eIF2 ternary complex formation. Scientific Reports, 2015, 5, 13241.	1.6	35
40	DNA methylation in the tumor microenvironment. Journal of Zhejiang University: Science B, 2017, 18, 365-372.	1.3	35
41	Alterations of circulating bacterial DNA in colorectal cancer and adenoma: A proof-of-concept study. Cancer Letters, 2021, 499, 201-208.	3.2	35
42	Gastrointestinal metastasis of primary lung cancer: An analysis of 366Ã¯Â¿Â½cases. Oncology Letters, 2018, 15, 9766-9776.	0.8	34
43	SOX4 inhibits GBM cell growth and induces G0/G1 cell cycle arrest through Akt-p53 axis. BMC Neurology, 2014, 14, 207.	0.8	31
44	Immunotherapy for EBV-Associated Nasopharyngeal Carcinoma. Critical Reviews in Oncogenesis, 2018, 23, 219-234.	0.2	31
45	High-throughput proteomics integrated with gene microarray for discovery of colorectal cancer potential biomarkers. Oncotarget, 2016, 7, 75279-75292.	0.8	29
46	Cost-Effectiveness of Colorectal Cancer Screening Protocols in Urban Chinese Populations. PLoS ONE, 2014, 9, e109150.	1.1	28
47	Flexible microRNA arm selection in rice. Biochemical and Biophysical Research Communications, 2014, 447, 526-530.	1.0	28
48	8-Hydroxyguanosine as a possible RNA oxidative modification marker in urine from colorectal cancer patients: Evaluation by ultra performance liquid chromatography-tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2020, 1136, 121931.	1.2	27
49	The crucial roles of N6-methyladenosine (m6A) modification in the carcinogenesis and progression of colorectal cancer. Cell and Bioscience, 2021, 11, 72.	2.1	27
50	Performance of a Colorectal Cancer Screening Protocol in an Economically and Medically Underserved Population. Cancer Prevention Research, 2011, 4, 1572-1579.	0.7	26
51	Use of a porous siliconâ€“gold plasmonic nanostructure to enhance serum peptide signals in MALDI-TOF analysis. Analytica Chimica Acta, 2014, 849, 27-35.	2.6	26
52	Consumption of garlic and risk of colorectal cancer: An updated meta-analysis of prospective studies. World Journal of Gastroenterology, 2014, 20, 15413.	1.4	24
53	Stem cell quiescence and its clinical relevance. World Journal of Stem Cells, 2020, 12, 1307-1326.	1.3	24
54	Cancer-associated fibroblasts from invasive breast cancer have an attenuated capacity to secrete collagens. International Journal of Oncology, 2014, 45, 1479-1488.	1.4	23

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55	Targeting the NAD+ salvage pathway suppresses APC mutation-driven colorectal cancer growth and Wnt/Î²-catenin signaling via increasing Axin level. Cell Communication and Signaling, 2020, 18, 16.	2.7	23
56	Diagnostic and prognostic significance of serum apolipoprotein C-I in triple-negative breast cancer based on mass spectrometry. Cancer Biology and Therapy, 2016, 17, 635-647.	1.5	22
57	Shanghai international consensus on diagnosis and comprehensive treatment of colorectal liver metastases (version 2019). European Journal of Surgical Oncology, 2020, 46, 955-966.	0.5	22
58	Discriminating patients with early-stage breast cancer from benign lesions by detection of oxidative DNA damage biomarker in urine. Oncotarget, 2017, 8, 53100-53109.	0.8	22
59	Computational Optimization of Spectral Library Size Improves DIA-MS Proteome Coverage and Applications to 15 Tumors. Journal of Proteome Research, 2021, 20, 5392-5401.	1.8	21
60	Characterization and discrimination of human colorectal cancer cells using terahertz spectroscopy. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 256, 119713.	2.0	19
61	Cytohesins/ARNO: The Function in Colorectal Cancer Cells. PLoS ONE, 2014, 9, e90997.	1.1	18
62	Ultraâ€mutated colorectal cancer patients with POLE driver mutations exhibit distinct clinical patterns. Cancer Medicine, 2021, 10, 135-142.	1.3	18
63	Epithelial-mesenchymal transition status of circulating tumor cells in breast cancer and its clinical relevance. Cancer Biology and Medicine, 2020, 17, 169-180.	1.4	18
64	Beyond cancer genes: colorectal cancer as robust intrinsic states formed by molecular interactions. Open Biology, 2017, 7, 170169.	1.5	17
65	MicroRNA-663 suppresses the proliferation and invasion of colorectal cancer cells by directly targeting FSCN1. Molecular Medicine Reports, 2017, 16, 9707-9714.	1.1	17
66	Tumor heterogeneity uncovered by dynamic expression of long noncoding RNA at single-cell resolution. Cancer Genetics, 2015, 208, 581-586.	0.2	16
67	Thyroid dysfunction, either hyper or hypothyroidism, promotes gallstone formation by different mechanisms. Journal of Zhejiang University: Science B, 2016, 17, 515-525.	1.3	16
68	Quantification of glycocholic acid in human serum by stable isotope dilution ultra performance liquid chromatography electrospray ionization tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1072, 315-319.	1.2	16
69	Accuracy of Magnetic Resonance Imaging in Staging Rectal Cancer with Multidisciplinary Team: A Single-Center Experience. Journal of Cancer, 2019, 10, 6594-6598.	1.2	16
70	HomeoboxC6 promotes metastasis by orchestrating the DKK1/Wnt/Î²-catenin axis in right-sided colon cancer. Cell Death and Disease, 2021, 12, 337.	2.7	16
71	Clinicopathologic distribution of KRAS and BRAF mutations in a Chinese population with colorectal cancer precursor lesions. Oncotarget, 2016, 7, 17265-17274.	0.8	16
72	Identification of Apolipoprotein C-I as a Potential Wilmsâ€™ Tumor Marker after Excluding Inflammatory Factors. International Journal of Molecular Sciences, 2014, 15, 16186-16195.	1.8	15

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73	PTPRB promotes metastasis of colorectal carcinoma via inducing epithelial-mesenchymal transition. Cell Death and Disease, 2019, 10, 352.	2.7	15
74	Fluoresceinated estrone binding by cells from human breast cancers obtained by needle aspiration. Cancer, 1983, 52, 1251-1256.	2.0	14
75	Stem Cells and Cellular Origins of Mammary Gland: Updates in Rationale, Controversies, and Cancer Relevance. Stem Cells International, 2019, 2019, 1-12.	1.2	14
76	Elevated urinary 8-oxo-7,8-dihydro-2'-deoxyguanosine and serum uric acid are associated with progression and are prognostic factors of colorectal cancer. OncoTargets and Therapy, 2018, Volume 11, 5895-5902.	1.0	13
77	Zyxin as a potential cancer prognostic marker promotes the proliferation and metastasis of colorectal cancer cells. Journal of Cellular Physiology, 2019, 234, 15775-15789.	2.0	13
78	Effects of subitems in the colorectal cancer screening protocol on the Chinese colorectal cancer screening program: an analysis based on natural community screening results. BMC Cancer, 2019, 19, 47.	1.1	13
79	A novel 4-gene prognostic signature for hypermutated colorectal cancer . Cancer Management and Research, 2019, Volume 11, 1985-1996.	0.9	12
80	Identification of Kininogen 1 as a Serum Protein Marker of Colorectal Adenoma in Patients with a Family History of Colorectal Cancer. Journal of Cancer, 2018, 9, 540-547.	1.2	11
81	Early T Stage Is Associated With Poor Prognosis in Patients With Metastatic Liver Colorectal Cancer. Frontiers in Oncology, 2020, 10, 716.	1.3	11
82	Deciphering molecular properties of hypermutated gastrointestinal cancer. Journal of Cellular and Molecular Medicine, 2019, 23, 370-379.	1.6	10
83	Plausibility of an extensive use of stool DNA test for screening advanced colorectal neoplasia. Clinica Chimica Acta, 2020, 501, 42-47.	0.5	10
84	An Efficient Prognostic Immune Scoring System For Colorectal Cancer Patients With Peritoneal Metastasis. OncoImmunology, 2021, 10, 1901464.	2.1	10
85	Pan-cancer analyses demonstrate that ANKRD6 is associated with a poor prognosis and correlates with M2 macrophage infiltration in colon cancer. Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research, 2021, 33, 93-102.	0.7	9
86	Mass Spectrometry-Based Targeted Serum Monomethylated Ribonucleosides Profiling for Early Detection of Breast Cancer. Frontiers in Molecular Biosciences, 2021, 8, 741603.	1.6	9
87	Association mining of mutated cancer genes in different clinical stages across 11 cancer types. Oncotarget, 2016, 7, 68270-68277.	0.8	9
88	The Effects of Differentially-Expressed Homeobox Family Genes on the Prognosis and HOXC6 on Immune Microenvironment Orchestration in Colorectal Cancer. Frontiers in Immunology, 2021, 12, 781221.	2.2	9
89	Primary thyroid paraganglioma mimicking medullary thyroid carcinoma: A case report. Oncology Letters, 2015, 10, 1000-1002.	0.8	8
90	Expression of hepatocyte growth factor and c-Met is characteristic of Î±-fetoprotein-producing colorectal adenocarcinoma: A report of three cases. Oncology Letters, 2016, 11, 731-734.	0.8	8

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91	SPARCL1, a Novel Prognostic Predictive Factor for GI Malignancies: a Meta-Analysis. Cellular Physiology and Biochemistry, 2017, 44, 1485-1496.	1.1	8
92	Aberrant activation of RPB1 is critical for cell overgrowth in acute myeloid leukemia. Experimental Cell Research, 2019, 384, 111653.	1.2	8
93	Experimental study of radiation characteristics and temperature distributions of gasoline and biomass flame. IET Renewable Power Generation, 2019, 13, 1833-1839.	1.7	8
94	Risk of eighteen genome-wide association study-identified genetic variants for colorectal cancer and colorectal adenoma in Han Chinese. Oncotarget, 2016, 7, 77651-77663.	0.8	8
95	Proteomics profiling of colorectal cancer progression identifies PLOD2 as a potential therapeutic target. Cancer Communications, 2022, 42, 164-169.	3.7	7
96	Screening and identification of apolipoprotein A-I as a potential hepatoblastoma biomarker in children, excluding inflammatory factors. Oncology Letters, 2015, 10, 233-239.	0.8	6
97	Cost-Effectiveness between Double and Single Fecal Immunochemical Test(s) in a Mass Colorectal Cancer Screening. BioMed Research International, 2016, 2016, 1-9.	0.9	6
98	Diagnostic and prognostic role of serum protein peak at 6449â€‰m/z in gastric adenocarcinoma based on mass spectrometry. British Journal of Cancer, 2016, 114, 929-938.	2.9	6
99	Pan-organ transcriptome variation across 21 cancer types. Oncotarget, 2017, 8, 6809-6818.	0.8	6
100	Longâ€term risk of colorectal cancer after removal of adenomas during screening colonoscopies in a large communityâ€based population in China. International Journal of Cancer, 2022, 150, 594-602.	2.3	6
101	A novel xenonucleic acid-mediated molecular clamping technology for early colorectal cancer screening. PLoS ONE, 2021, 16, e0244332.	1.1	6
102	Detection of Serum Protein Biomarkers for the Diagnosis and Staging of Hepatoblastoma. International Journal of Molecular Sciences, 2015, 16, 12669-12685.	1.8	5
103	Effective treatment with icotinib in lung adenocarcinoma with EGFR and ALK co-alterations and brain metastasis. OncoTargets and Therapy, 2016, Volume 9, 6605-6608.	1.0	5
104	Screening and identification of post-traumatic stress-related serum factors in children with Wilms' tumors. Oncology Letters, 2016, 11, 1299-1304.	0.8	5
105	Inflammation factors in hepatoblastoma and their clinical significance as diagnostic and prognostic biomarkers. Journal of Pediatric Surgery, 2017, 52, 1496-1502.	0.8	5
106	Doxorubicin encapsulated in micelles enhances radiosensitivity in doxorubicin-resistant tumor cells. Discovery Medicine, 2014, 18, 169-77.	0.5	5
107	Characterization of ST13 Protein Expression in Human Colorectal Cancer Tissues. Chinese-German Journal of Clinical Oncology, 2005, 4, 2-7.	0.1	4
108	Effect of RF on RF nitrogen discharge with induced argon plasma at high pressure. Journal of Plasma Physics, 2012, 78, 673-676.	0.7	4

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109	Identification of differentially expressed inflammatory factors in Wilms tumors and their association with patient outcomes. Oncology Letters, 2017, 14, 687-694.	0.8	4
110	Molecular Alterations in Metastatic Ovarian Cancer From Gastrointestinal Cancer. Frontiers in Oncology, 2020, 10, 605349.	1.3	4
111	COVID-19 Pandemic: Advances in Diagnosis, Treatment, Organoid Applications and Impacts on Cancer Patient Management. Frontiers in Medicine, 2021, 8, 606755.	1.2	4
112	Quantitative Analysis of Methylated Adenosine Modifications Revealed Increased Levels of N6-Methyladenosine (m6A) and N6,2â€²-O-Dimethyladenosine (m6Am) in Serum From Colorectal Cancer and Gastric Cancer Patients. Frontiers in Cell and Developmental Biology, 2021, 9, 694673.	1.8	4
113	Association Mining Identifies MAL2 as a Novel Tumor Suppressor in Colorectal Cancer. OncoTargets and Therapy, 0, Volume 15, 761-769.	1.0	4
114	Mass spectrometric analysis of cerebrospinal fluid protein for glioma and its clinical application. Wspolczesna Onkologia, 2014, 2, 100-105.	0.7	3
115	CPuORF correlates with miRNA responsive elements on protein evolutionary rates. Biochemical and Biophysical Research Communications, 2014, 452, 66-71.	1.0	3
116	Transsacral excision with pre-operative imatinib mesylate treatment and approach for gastrointestinal stromal tumors in the rectum: A report of two cases. Oncology Letters, 2014, 8, 1455-1460.	0.8	3
117	Special Issues Encountered When Cancer Patients Confront COVID-19. Frontiers in Oncology, 2020, 10, 1380.	1.3	3
118	Development and external validation of a novel nomogram for screening Chinese Lynch syndrome: based on a multicenter, population study. Therapeutic Advances in Medical Oncology, 2021, 13, 175883592110232.	1.4	3
119	Six years of colorectal cancer mortality surveillance in the screening population for a risk stratified screening program. Cancer Epidemiology, 2021, 73, 101937.	0.8	3
120	Diverse fragment lengths dismiss size selection for serum cell-free DNA: a comparative study of serum and plasma samples. Clinical Chemistry and Laboratory Medicine, 2020, 58, 1451-1459.	1.4	3
121	How to detour Treg cells in T cell-based antitumor immune therapy. OncoTargets and Therapy, 2013, 6, 1243.	1.0	2
122	Screening and identification of non-inflammatory specific protein markers in Wilmsâ€™ tumor tissues. Archives of Biochemistry and Biophysics, 2019, 676, 108112.	1.4	2
123	Factors Prognostic for Peritoneal Metastases from Colorectal Cancer Treated with Surgery . Cancer Management and Research, 2020, Volume 12, 10587-10602.	0.9	2
124	SPARCL1 exhibits different expressions in left- and right-sided colon cancer and is downregulated via DNA methylation. Epigenomics, 2021, 13, 1269-1282.	1.0	2
125	Cohort profile: The National Colorectal Cancer Cohort (NCRCC) study in China. BMJ Open, 2021, 11, e051397.	0.8	2
126	Hypermutated tumours across 11 cancer types show three distinct immune subtypes. European Journal of Cancer, 2021, 148, 230-238.	1.3	1

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127	Study of distinct serum proteomics for the biomarkers discovery in colorectal cancer. Discovery Medicine, 2015, 20, 239-53.	0.5	1
128	Prognostic Value of Lymph Node Evaluation in Stage II Small Bowel Adenocarcinoma: An Updated Analysis of Surveillance, Epidemiology, and End Results Database. Frontiers in Oncology, 2022, 12, 865745.	1.3	1
129	Identification of proteins associated with pediatric bilateral Wilms tumor. Oncology Letters, 2016, 12, 5075-5079.	0.8	0
130	Serum protein expression patterns in detecting a new viral protein in HBeAgâ€negative chronic hepatitis B. Journal of Viral Hepatitis, 2019, 26, 90-97.	1.0	0
131	IDDF2020-ABS-0026â€...Ultra-mutated patients with POLE or POLD1 mutations exhibits distinct pattern between races and primary sites in colorectal cancer (CRC). , 2020, , .		0
132	Detection and identification of serum protein peak at 6648â€‰m/z as a novel indicator in breast cancer based on mass spectrometry. Discovery Medicine, 2017, 23, 283-294.	0.5	0