

Daniel W Chan

List of Publications by Citations

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221
papers

18,929
citations

71
h-index

134
g-index

233
ext. papers

21,961
ext. citations

7.1
avg, IF

6.18
L-index

#	Paper	IF	Citations
221	The use of prostate specific antigen, clinical stage and Gleason score to predict pathological stage in men with localized prostate cancer. <i>Journal of Urology</i> , 1993 , 150, 110-4	2.5	979
220	Three biomarkers identified from serum proteomic analysis for the detection of early stage ovarian cancer. <i>Cancer Research</i> , 2004 , 64, 5882-90	10.1	796
219	Overview of the HUPO Plasma Proteome Project: results from the pilot phase with 35 collaborating laboratories and multiple analytical groups, generating a core dataset of 3020 proteins and a publicly-available database. <i>Proteomics</i> , 2005 , 5, 3226-45	4.8	672
218	Proteomics and Bioinformatics Approaches for Identification of Serum Biomarkers to Detect Breast Cancer. <i>Clinical Chemistry</i> , 2002 , 48, 1296-1304	5.5	606
217	Immunosensors--principles and applications to clinical chemistry. <i>Clinica Chimica Acta</i> , 2001 , 314, 1-26	6.2	586
216	Integrated Proteogenomic Characterization of Human High-Grade Serous Ovarian Cancer. <i>Cell</i> , 2016 , 166, 755-765	56.2	544
215	Prostate specific antigen in the preoperative and postoperative evaluation of localized prostatic cancer treated with radical prostatectomy. <i>Journal of Urology</i> , 1988 , 139, 766-72	2.5	532
214	Prostate specific antigen in the staging of localized prostate cancer: influence of tumor differentiation, tumor volume and benign hyperplasia. <i>Journal of Urology</i> , 1990 , 143, 747-52	2.5	516
213	HUPO Plasma Proteome Project specimen collection and handling: towards the standardization of parameters for plasma proteome samples. <i>Proteomics</i> , 2005 , 5, 3262-77	4.8	457
212	National Academy of Clinical Biochemistry laboratory medicine practice guidelines for use of tumor markers in testicular, prostate, colorectal, breast, and ovarian cancers. <i>Clinical Chemistry</i> , 2008 , 54, e11-79	5.5	451
211	Standard operating procedures for serum and plasma collection: early detection research network consensus statement standard operating procedure integration working group. <i>Journal of Proteome Research</i> , 2009 , 8, 113-7	5.6	449
210	A multicenter study of [-2]pro-prostate specific antigen combined with prostate specific antigen and free prostate specific antigen for prostate cancer detection in the 2.0 to 10.0 ng/ml prostate specific antigen range. <i>Journal of Urology</i> , 2011 , 185, 1650-5	2.5	322
209	Evaluation of serum protein profiling by surface-enhanced laser desorption/ionization time-of-flight mass spectrometry for the detection of prostate cancer: I. Assessment of platform reproducibility. <i>Clinical Chemistry</i> , 2005 , 51, 102-12	5.5	311
208	Translation of proteomic biomarkers into FDA approved cancer diagnostics: issues and challenges. <i>Clinical Proteomics</i> , 2013 , 10, 13	5	270
207	Multi-laboratory assessment of reproducibility, qualitative and quantitative performance of SWATH-mass spectrometry. <i>Nature Communications</i> , 2017 , 8, 291	17.4	252
206	Hepatitis B and hepatitis C in emergency department patients. <i>New England Journal of Medicine</i> , 1992 , 326, 1399-404	59.2	245
205	Serum diagnosis of pancreatic adenocarcinoma using surface-enhanced laser desorption and ionization mass spectrometry. <i>Clinical Cancer Research</i> , 2004 , 10, 860-8	12.9	242

204	Ischemia in tumors induces early and sustained phosphorylation changes in stress kinase pathways but does not affect global protein levels. <i>Molecular and Cellular Proteomics</i> , 2014 , 13, 1690-704	7.6	239
203	Proteogenomic Analysis of Human Colon Cancer Reveals New Therapeutic Opportunities. <i>Cell</i> , 2019 , 177, 1035-1049.e19	56.2	237
202	Serum macrophage inhibitory cytokine 1 as a marker of pancreatic and other periampullary cancers. <i>Clinical Cancer Research</i> , 2004 , 10, 2386-92	12.9	221
201	NONPALPABLE STAGE T1C PROSTATE CANCER: PREDICTION OF INSIGNIFICANT DISEASE USING FREE/TOTAL PROSTATE SPECIFIC ANTIGEN LEVELS AND NEEDLE BIOPSY FINDINGS. <i>Journal of Urology</i> , 1998 , 160, 2407-2411	2.5	219
200	Identification of hepatocarcinoma-intestine-pancreas/pancreatitis-associated protein I as a biomarker for pancreatic ductal adenocarcinoma by protein biochip technology. <i>Cancer Research</i> , 2002 , 62, 1868-75	10.1	204
199	Proteomics and bioinformatics approaches for identification of serum biomarkers to detect breast cancer. <i>Clinical Chemistry</i> , 2002 , 48, 1296-304	5.5	197
198	Analysis of percent free prostate-specific antigen (PSA) for prostate cancer detection: influence of total PSA, prostate volume, and age. <i>Urology</i> , 1996 , 48, 55-61	1.6	192
197	Can urinary PCA3 supplement PSA in the early detection of prostate cancer?. <i>Journal of Clinical Oncology</i> , 2014 , 32, 4066-72	2.2	186
196	PLASMA SELENIUM LEVEL BEFORE DIAGNOSIS AND THE RISK OF PROSTATE CANCER DEVELOPMENT. <i>Journal of Urology</i> , 2001 , 166, 2034-2038	2.5	182
195	Proteomic approaches to tumor marker discovery. <i>Archives of Pathology and Laboratory Medicine</i> , 2002 , 126, 1518-26	5	181
194	Serum markers in patients with resectable pancreatic adenocarcinoma: macrophage inhibitory cytokine 1 versus CA19-9. <i>Clinical Cancer Research</i> , 2006 , 12, 442-6	12.9	179
193	Reproducible workflow for multiplexed deep-scale proteome and phosphoproteome analysis of tumor tissues by liquid chromatography-mass spectrometry. <i>Nature Protocols</i> , 2018 , 13, 1632-1661	18.8	176
192	Integrated Proteogenomic Characterization of Clear Cell Renal Cell Carcinoma. <i>Cell</i> , 2019 , 179, 964-983.e31	9.1	173
191	The prostate health index selectively identifies clinically significant prostate cancer. <i>Journal of Urology</i> , 2015 , 193, 1163-9	2.5	171
190	Aberrant glycosylation associated with enzymes as cancer biomarkers. <i>Clinical Proteomics</i> , 2011 , 8, 7	5	168
189	A prospective, multicenter, National Cancer Institute Early Detection Research Network study of [-2]proPSA: improving prostate cancer detection and correlating with cancer aggressiveness. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2010 , 19, 1193-200	4	165
188	Comprehensive analysis of protein glycosylation by solid-phase extraction of N-linked glycans and glycosite-containing peptides. <i>Nature Biotechnology</i> , 2016 , 34, 84-8	44.5	160
187	Advances in mass spectrometry-based clinical biomarker discovery. <i>Clinical Proteomics</i> , 2016 , 13, 1	5	157

186	Classification of cancer types by measuring variants of host response proteins using SELDI serum assays. <i>International Journal of Cancer</i> , 2005 , 115, 783-9	7.5	153
185	Independent validation of candidate breast cancer serum biomarkers identified by mass spectrometry. <i>Clinical Chemistry</i> , 2005 , 51, 2229-35	5.5	147
184	The road from discovery to clinical diagnostics: lessons learned from the first FDA-cleared in vitro diagnostic multivariate index assay of proteomic biomarkers. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2010 , 19, 2995-9	4	146
183	INFLUENCE OF RADICAL PROSTATECTOMY ON SERUM HORMONE LEVELS. <i>Journal of Urology</i> , 1998 , 160, 449-453	2.5	143
182	Proteogenomic Characterization Reveals Therapeutic Vulnerabilities in Lung Adenocarcinoma. <i>Cell</i> , 2020 , 182, 200-225.e35	56.2	139
181	HLA-G is a potential tumor marker in malignant ascites. <i>Clinical Cancer Research</i> , 2003 , 9, 4460-4	12.9	130
180	Proteogenomic Characterization of Endometrial Carcinoma. <i>Cell</i> , 2020 , 180, 729-748.e26	56.2	122
179	SELDI-TOF MS whole serum proteomic profiling with IMAC surface does not reliably detect prostate cancer. <i>Clinical Chemistry</i> , 2008 , 54, 53-60	5.5	118
178	COMPLEXED PROSTATE SPECIFIC ANTIGEN PROVIDES SIGNIFICANT ENHANCEMENT OF SPECIFICITY COMPARED WITH TOTAL PROSTATE SPECIFIC ANTIGEN FOR DETECTING PROSTATE CANCER. <i>Journal of Urology</i> , 2000 , 163, 1476-1480	2.5	118
177	Biomarkers in prostate cancer: what's new?. <i>Current Opinion in Oncology</i> , 2014 , 26, 259-64	4.2	116
176	Analytical validation of serum proteomic profiling for diagnosis of prostate cancer: sources of sample bias. <i>Clinical Chemistry</i> , 2008 , 54, 44-52	5.5	115
175	Glycoproteomics for prostate cancer detection: changes in serum PSA glycosylation patterns. <i>Journal of Proteome Research</i> , 2009 , 8, 613-9	5.6	112
174	The influence of reversible androgen deprivation on serum prostate-specific antigen levels in men with benign prostatic hyperplasia. <i>Journal of Urology</i> , 1989 , 141, 987-92	2.5	111
173	Multicenter Evaluation of the Prostate Health Index to Detect Aggressive Prostate Cancer in Biopsy Naïve Men. <i>Journal of Urology</i> , 2015 , 194, 65-72	2.5	110
172	National Academy of Clinical Biochemistry Laboratory Medicine Practice Guidelines for use of tumor markers in clinical practice: quality requirements. <i>Clinical Chemistry</i> , 2008 , 54, e1-e10	5.5	108
171	Characterization of renal allograft rejection by urinary proteomic analysis. <i>Annals of Surgery</i> , 2003 , 237, 660-4; discussion 664-5	7.8	107
170	Use of human glandular kallikrein 2 for the detection of prostate cancer: preliminary analysis. <i>Urology</i> , 1999 , 54, 839-45	1.6	107
169	Longitudinal evaluation of serum androgen levels in men with and without prostate cancer. <i>Prostate</i> , 1995 , 27, 25-31	4.2	107

168	A simple affinity spin tube filter method for removing high-abundant common proteins or enriching low-abundant biomarkers for serum proteomic analysis. <i>Proteomics</i> , 2003 , 3, 243-8	4.8	104
167	Use of percentage of free prostate-specific antigen to identify men at high risk of prostate cancer when PSA levels are 2.51 to 4 ng/mL and digital rectal examination is not suspicious for prostate cancer: an alternative model. <i>Urology</i> , 1999 , 54, 220-4	1.6	99
166	EPCA-2: a highly specific serum marker for prostate cancer. <i>Urology</i> , 2007 , 69, 714-20	1.6	98
165	Proenzyme psa for the early detection of prostate cancer in the 2.5-4.0 ng/ml total psa range: preliminary analysis. <i>Urology</i> , 2003 , 61, 274-6	1.6	94
164	Complexed prostate specific antigen improves specificity for prostate cancer detection: results of a prospective multicenter clinical trial. <i>Journal of Urology</i> , 2003 , 170, 1787-91	2.5	92
163	THE USE OF PERCENT FREE PROSTATE SPECIFIC ANTIGEN FOR STAGING CLINICALLY LOCALIZED PROSTATE CANCER. <i>Journal of Urology</i> , 1998 , 159, 1238-1242	2.5	89
162	Association Between Combined TMPRSS2:ERG and PCA3 RNA Urinary Testing and Detection of Aggressive Prostate Cancer. <i>JAMA Oncology</i> , 2017 , 3, 1085-1093	13.4	88
161	Quantification of fragments of human serum inter-alpha-trypsin inhibitor heavy chain 4 by a surface-enhanced laser desorption/ionization-based immunoassay. <i>Clinical Chemistry</i> , 2006 , 52, 1045-53	5.5	88
160	Analysis of Human Proteome Organization Plasma Proteome Project (HUPO PPP) reference specimens using surface enhanced laser desorption/ionization-time of flight (SELDI-TOF) mass spectrometry: multi-institution correlation of spectra and identification of biomarkers. <i>Proteomics</i> , 2005 , 5, 3467-74	4.8	88
159	Ovarian malignancy risk stratification of the adnexal mass using a multivariate index assay. <i>Gynecologic Oncology</i> , 2013 , 128, 252-9	4.9	84
158	Identification of biomarkers for breast cancer in nipple aspiration and ductal lavage fluid. <i>Clinical Cancer Research</i> , 2005 , 11, 8312-20	12.9	84
157	[-2]proenzyme prostate specific antigen for prostate cancer detection: a national cancer institute early detection research network validation study. <i>Journal of Urology</i> , 2008 , 180, 539-43; discussion 543	2.5	82
156	Elevated serum human chorionic gonadotropin as evidence of secretory response in severe preeclampsia. <i>American Journal of Obstetrics and Gynecology</i> , 1994 , 170, 1135-8	6.4	82
155	Percentage of free prostate-specific antigen in sera predicts aggressiveness of prostate cancer a decade before diagnosis. <i>Urology</i> , 1997 , 49, 379-84	1.6	80
154	Fatty acid synthase (FAS) expression in human breast cancer cell culture supernatants and in breast cancer patients. <i>Cancer Letters</i> , 2001 , 167, 99-104	9.9	80
153	Simultaneous analysis of glycosylated and sialylated prostate-specific antigen revealing differential distribution of glycosylated prostate-specific antigen isoforms in prostate cancer tissues. <i>Analytical Chemistry</i> , 2011 , 83, 240-5	7.8	73
152	Evaluation of proprostate specific antigen for early detection of prostate cancer in men with a total prostate specific antigen range of 4.0 to 10.0 ng/ml. <i>Journal of Urology</i> , 2003 , 170, 723-6	2.5	72
151	Proteogenomic and metabolomic characterization of human glioblastoma. <i>Cancer Cell</i> , 2021 , 39, 509-528	2.43	71

150	Elevated circulating thrombomodulin in severe preeclampsia. <i>American Journal of Obstetrics and Gynecology</i> , 1993 , 169, 148-9	6.4	68
149	Proteome Profiling Outperforms Transcriptome Profiling for Coexpression Based Gene Function Prediction. <i>Molecular and Cellular Proteomics</i> , 2017 , 16, 121-134	7.6	67
148	Detection and verification of glycosylation patterns of glycoproteins from clinical specimens using lectin microarrays and lectin-based immunosorbent assays. <i>Analytical Chemistry</i> , 2011 , 83, 8509-16	7.8	66
147	The clinical application of proteomics. <i>Clinica Chimica Acta</i> , 2005 , 357, 151-8	6.2	60
146	Validation of a second-generation multivariate index assay for malignancy risk of adnexal masses. <i>American Journal of Obstetrics and Gynecology</i> , 2016 , 215, 82.e1-82.e11	6.4	59
145	A high-stringency blueprint of the human proteome. <i>Nature Communications</i> , 2020 , 11, 5301	17.4	59
144	Complexed prostate-specific antigen for early detection of prostate cancer in men with serum prostate-specific antigen levels of 2 to 4 nanograms per milliliter. <i>Urology</i> , 2002 , 60, 31-5	1.6	56
143	Detection of prostate cancer using serum proteomics pattern in a histologically confirmed population. <i>Journal of Urology</i> , 2004 , 171, 1782-7	2.5	55
142	Comparative analysis of complexed prostate specific antigen, free prostate specific antigen and their ratio in detecting prostate cancer. <i>Journal of Urology</i> , 2002 , 167, 2017-23; discussion 2023-4	2.5	55
141	Prostate Health Index improves multivariable risk prediction of aggressive prostate cancer. <i>BJU International</i> , 2017 , 120, 61-68	5.6	54
140	Longitudinal analysis of serial measurements of free and total PSA among men with and without prostatic cancer. <i>Urology</i> , 1996 , 48, 4-9	1.6	54
139	Cancer biomarker discovery and translation: proteomics and beyond. <i>Expert Review of Proteomics</i> , 2019 , 16, 93-103	4.2	54
138	Serum fucosylated prostate-specific antigen (PSA) improves the differentiation of aggressive from non-aggressive prostate cancers. <i>Theranostics</i> , 2015 , 5, 267-76	12.1	53
137	A highly sensitive targeted mass spectrometric assay for quantification of AGR2 protein in human urine and serum. <i>Journal of Proteome Research</i> , 2014 , 13, 875-82	5.6	51
136	Bioinformatics strategies for proteomic profiling. <i>Clinical Biochemistry</i> , 2004 , 37, 636-41	3.5	51
135	The role of free/total prostate-specific antigen ratio in the prediction of final pathologic stage for men with clinically localized prostate cancer. <i>Urology</i> , 1996 , 48, 51-4	1.6	51
134	Influence of finasteride on free and total serum prostate specific antigen levels in men with benign prostatic hyperplasia. <i>Journal of Urology</i> , 1998 , 159, 449-53	2.5	50
133	Cancer proteomics: Serum diagnostics for tumor marker discovery. <i>Annals of the New York Academy of Sciences</i> , 2004 , 1022, 286-94	6.5	50

132	Proteogenomic insights into the biology and treatment of HPV-negative head and neck squamous cell carcinoma. <i>Cancer Cell</i> , 2021 , 39, 361-379.e16	24.3	50
131	Interlaboratory reproducibility of selective reaction monitoring assays using multiple upfront analyte enrichment strategies. <i>Journal of Proteome Research</i> , 2012 , 11, 3986-95	5.6	49
130	Enzymes and related proteins as cancer biomarkers: a proteomic approach. <i>Clinica Chimica Acta</i> , 2007 , 381, 93-7	6.2	47
129	Early Detection of Cancer: Immunoassays for Plasma Tumor Markers. <i>Expert Opinion on Medical Diagnostics</i> , 2009 , 3, 597-605		46
128	A comparative evaluation of Golgi protein-73, fucosylated hemopexin, Efetoprotein, and PIVKA-II in the serum of patients with chronic hepatitis, cirrhosis, and hepatocellular carcinoma. <i>Clinical Chemistry and Laboratory Medicine</i> , 2011 , 49, 711-8	5.9	46
127	Analysis of serum total and free PSA using immunoaffinity depletion coupled to SRM: correlation with clinical immunoassay tests. <i>Journal of Proteomics</i> , 2012 , 75, 4747-57	3.9	42
126	Prospective multicenter evaluation of the Beckman Coulter Prostate Health Index using WHO calibration. <i>Journal of Urology</i> , 2013 , 189, 1702-6	2.5	41
125	Clinical utility of proPSA and "benign" PSA when percent free PSA is less than 15%. <i>Urology</i> , 2004 , 64, 1160-4	1.6	41
124	Use of troponin T and creatine kinase-MB subunit levels for risk stratification of emergency department patients with possible myocardial ischemia. <i>Annals of Emergency Medicine</i> , 1998 , 31, 19-29	2.1	40
123	Initial analyses of colon cancer-specific antigen (CCSA)-3 and CCSA-4 as colorectal cancer-associated serum markers. <i>Cancer Research</i> , 2007 , 67, 5600-5	10.1	40
122	The application of clinical proteomics to cancer and other diseases. <i>Clinical Chemistry and Laboratory Medicine</i> , 2003 , 41, 1562-70	5.9	40
121	Prostate-specific antigen. Its discovery and biochemical characteristics. <i>Urologic Clinics of North America</i> , 1997 , 24, 253-9	2.9	38
120	Capillary prolactin measurement for diagnosis of seizures. <i>Annals of Neurology</i> , 1991 , 29, 187-90	9.4	38
119	The human proteome - a scientific opportunity for transforming diagnostics, therapeutics, and healthcare. <i>Clinical Proteomics</i> , 2012 , 9, 6	5	37
118	Suppression of annexin A11 in ovarian cancer: implications in chemoresistance. <i>Neoplasia</i> , 2009 , 11, 605-14, 1 p following 614	6.4	37
117	Reproducibility of Differential Proteomic Technologies in CPTAC Fractionated Xenografts. <i>Journal of Proteome Research</i> , 2016 , 15, 691-706	5.6	35
116	The impact of prostate volume, number of biopsy cores and American Urological Association symptom score on the sensitivity of cancer detection using the Prostate Cancer Prevention Trial risk calculator. <i>Journal of Urology</i> , 2013 , 190, 70-6	2.5	35
115	Predicting prostate cancer biochemical recurrence using a panel of serum proteomic biomarkers. <i>Journal of Urology</i> , 2009 , 181, 1407-14	2.5	35

114	Tyramide signal amplification for antibody-overlay lectin microarray: a strategy to improve the sensitivity of targeted glycan profiling. <i>Journal of Proteome Research</i> , 2011 , 10, 1425-31	5.6	34
113	Annexin XI is associated with cisplatin resistance and related to tumor recurrence in ovarian cancer patients. <i>Clinical Cancer Research</i> , 2007 , 13, 6842-9	12.9	34
112	The potential utility of a rapid CK-MB assay in evaluating emergency department patients with possible myocardial infarction. <i>Annals of Emergency Medicine</i> , 1991 , 20, 954-60	2.1	34
111	The relationship of prostate specific antigen levels and residual tumor volume in stage A prostate cancer. <i>Journal of Urology</i> , 1990 , 144, 1167-70; discussion 1170-1	2.5	34
110	Evaluation of colon cancer-specific antigen 2 as a potential serum marker for colorectal cancer. <i>Clinical Cancer Research</i> , 2008 , 14, 1349-54	12.9	33
109	Serum concentrations of cardiac troponin I in sudden death: a pilot study. <i>American Journal of Forensic Medicine and Pathology</i> , 1998 , 19, 324-8	1	33
108	Integrated Proteomic and Glycoproteomic Characterization of Human High-Grade Serous Ovarian Carcinoma. <i>Cell Reports</i> , 2020 , 33, 108276	10.6	33
107	Assessing tumors in living animals through measurement of urinary beta-human chorionic gonadotropin. <i>Nature Medicine</i> , 2000 , 6, 711-4	50.5	31
106	The value of serum enzymatic acid phosphatase in the staging of localized prostate cancer. <i>Journal of Urology</i> , 1992 , 148, 1832-4	2.5	31
105	Clinical performance of a multivariate index assay for detecting early-stage ovarian cancer. <i>American Journal of Obstetrics and Gynecology</i> , 2014 , 210, 78.e1-9	6.4	30
104	Molecular forms of prostate-specific antigen and human kallikrein 2 (hK2) in urine are not clinically useful for early detection and staging of prostate cancer. <i>Urology</i> , 1997 , 50, 715-21	1.6	30
103	Predicting Ovarian Cancer Patients' Clinical Response to Platinum-Based Chemotherapy by Their Tumor Proteomic Signatures. <i>Journal of Proteome Research</i> , 2016 , 15, 2455-65	5.6	28
102	Glycoproteins identified from heart failure and treatment models. <i>Proteomics</i> , 2015 , 15, 567-79	4.8	28
101	Analytical and clinical evaluation of an electrochemiluminescence immunoassay for the determination of CA 125. <i>Clinical Chemistry</i> , 1998 , 44, 2530-2536	5.5	28
100	Clearance rate of serum-free and total PSA following radical retropubic prostatectomy. <i>Prostate</i> , 1996 , 29, 35-39	4.2	28
99	Two-site ELISA for the quantitative determination of fatty acid synthase. <i>Clinica Chimica Acta</i> , 2001 , 304, 107-15	6.2	27
98	Challenges and opportunities in the proteomic characterization of clear cell renal cell carcinoma (ccRCC): A critical step towards the personalized care of renal cancers. <i>Seminars in Cancer Biology</i> , 2019 , 55, 8-15	12.7	26
97	Clinical analyzers. Immunoassays. <i>Analytical Chemistry</i> , 1999 , 71, 356R-362R	7.8	26

96	Precision medicine: from pharmacogenomics to pharmacoproteomics. <i>Clinical Proteomics</i> , 2016 , 13, 25	5	26
95	Proteogenomic characterization of pancreatic ductal adenocarcinoma. <i>Cell</i> , 2021 , 184, 5031-5052.e26	56.2	26
94	Multiplexed Targeted Mass Spectrometry-Based Assays for the Quantification of N-Linked Glycosite-Containing Peptides in Serum. <i>Analytical Chemistry</i> , 2015 , 87, 10830-8	7.8	25
93	Validation of a multiplex immunoassay for serum angiogenic factors as biomarkers for aggressive prostate cancer. <i>Clinica Chimica Acta</i> , 2012 , 413, 1506-11	6.2	25
92	Cardiac troponin T and C-reactive protein as markers of acute cardiac allograft rejection. <i>Clinica Chimica Acta</i> , 2001 , 312, 31-9	6.2	25
91	Serum acid phosphatase level and biochemical recurrence following radical prostatectomy for men with clinically localized prostate cancer. <i>Urology</i> , 2001 , 57, 707-11	1.6	25
90	Using the CPTAC Assay Portal to Identify and Implement Highly Characterized Targeted Proteomics Assays. <i>Methods in Molecular Biology</i> , 2016 , 1410, 223-36	1.4	25
89	Hybritech Total and Free Prostate-specific Antigen Assays Developed for the Beckman Coulter Access Automated Chemiluminescent Immunoassay System: A Multicenter Evaluation of Analytical Performance. <i>Clinical Chemistry</i> , 2001 , 47, 129-132	5.5	24
88	Proteogenomic Characterization of Ovarian HGSC Implicates Mitotic Kinases, Replication Stress in Observed Chromosomal Instability. <i>Cell Reports Medicine</i> , 2020 , 1,	18	24
87	Integrated glycoprotein immobilization method for glycopeptide and glycan analysis of cardiac hypertrophy. <i>Analytical Chemistry</i> , 2015 , 87, 9671-8	7.8	23
86	Glycoproteomic analysis of bronchoalveolar lavage (BAL) fluid identifies tumor-associated glycoproteins from lung adenocarcinoma. <i>Journal of Proteome Research</i> , 2013 , 12, 3689-96	5.6	23
85	WHO First International Standards for Prostate-specific Antigen: The Beginning of the End for Assay Discrepancies?. <i>Clinical Chemistry</i> , 2000 , 46, 1291-1292	5.5	23
84	Updating risk prediction tools: a case study in prostate cancer. <i>Biometrical Journal</i> , 2012 , 54, 127-42	1.5	22
83	Radical prostatectomy as treatment for prostate-specific antigen-detected stage T1c prostate cancer. <i>World Journal of Urology</i> , 1997 , 15, 373-7	4	22
82	Protein signatures of molecular pathways in non-small cell lung carcinoma (NSCLC): comparison of glycoproteomics and global proteomics. <i>Clinical Proteomics</i> , 2017 , 14, 31	5	21
81	Prostate specific antigen assay standardization bias could affect clinical decision making. <i>Journal of Urology</i> , 2008 , 180, 1959-62; discussion 1962-3	2.5	21
80	Comparison of predictive accuracy for pathologically organ confined clinical stage T1c prostate cancer using human glandular kallikrein 2 and prostate specific antigen combined with clinical stage and Gleason grade. <i>Journal of Urology</i> , 2005 , 173, 752-6	2.5	21
79	Standardization of two immunoassays for human glandular kallikrein 2. <i>Clinical Chemistry</i> , 2003 , 49, 601-10	3.9	21

78	Probability of prostate cancer detection based on results of a multicenter study using the AxSYM free PSA and total PSA assays. <i>Urology</i> , 2000 , 55, 909-14	1.6	21
77	Quantitative proteomic analysis of ovarian cancer cells identified mitochondrial proteins associated with Paclitaxel resistance. <i>Proteomics - Clinical Applications</i> , 2009 , 3, 1288-95	3.1	20
76	The prognostic significance of troponin I and troponin T. <i>Academic Emergency Medicine</i> , 1998 , 5, 758-67	3.4	20
75	Complexed prostate-specific antigen as a staging tool: results based on a multicenter prospective evaluation of complexed prostate-specific antigen in cancer diagnosis. <i>Urology</i> , 2002 , 60, 10-7	1.6	20
74	Identification of Serum Biomarker Panels for the Early Detection of Pancreatic Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2019 , 28, 174-182	4	20
73	A multiplex immunoassay of serum biomarkers for the detection of uveal melanoma. <i>Clinical Proteomics</i> , 2019 , 16, 10	5	19
72	Tissue proteomics using chemical immobilization and mass spectrometry. <i>Analytical Biochemistry</i> , 2015 , 469, 27-33	3.1	17
71	Proteomic analysis of temporally stimulated ovarian cancer cells for biomarker discovery. <i>Molecular and Cellular Proteomics</i> , 2013 , 12, 356-68	7.6	17
70	Variants of prostate-specific antigen separated by concanavalin A. <i>Clinical Chemistry</i> , 1991 , 37, 1133-1134	4.5	17
69	The chemistry of human transcortin. The effects of pH, urea, salt, and temperature on the binding of cortisol and progesterone. <i>Archives of Biochemistry and Biophysics</i> , 1977 , 182, 437-42	4.1	17
68	A proteogenomic portrait of lung squamous cell carcinoma. <i>Cell</i> , 2021 , 184, 4348-4371.e40	56.2	15
67	Validation of a novel model for the early detection of hepatocellular carcinoma. <i>Clinical Proteomics</i> , 2019 , 16, 2	5	14
66	Quality Assessments of Long-Term Quantitative Proteomic Analysis of Breast Cancer Xenograft Tissues. <i>Journal of Proteome Research</i> , 2017 , 16, 4523-4530	5.6	14
65	Urinary glycoproteins associated with aggressive prostate cancer. <i>Theranostics</i> , 2020 , 10, 11892-11907	12.1	14
64	Impact of a multivariate index assay on referral patterns for surgical management of an adnexal mass. <i>American Journal of Obstetrics and Gynecology</i> , 2013 , 209, 581.e1-8	6.4	13
63	Development of a glycoproteomic strategy to detect more aggressive prostate cancer using lectin-immunoassays for serum fucosylated PSA. <i>Clinical Proteomics</i> , 2019 , 16, 13	5	12
62	Integrated analyses of proteins and their glycans in a magnetic bead-based multiplex assay format. <i>Clinical Chemistry</i> , 2013 , 59, 315-24	5.5	12
61	A unique proteolytic fragment of alpha1-antitrypsin is elevated in ductal fluid of breast cancer patient. <i>Breast Cancer Research and Treatment</i> , 2010 , 123, 73-86	4.4	12

60	Multi-center analytical performance evaluation of the Access Hybritech \square p2PSA immunoassay. <i>Clinica Chimica Acta</i> , 2012 , 413, 1279-83	6.2	11
59	Can volume measurement of the prostate enhance the performance of complexed prostate-specific antigen?. <i>Urology</i> , 2002 , 60, 36-41	1.6	11
58	NONPALPABLE STAGE T1C PROSTATE CANCER. <i>Journal of Urology</i> , 1998 , 2407-2411	2.5	11
57	An Integrated Workflow for Global, Glyco-, and Phospho-proteomic Analysis of Tumor Tissues. <i>Analytical Chemistry</i> , 2020 , 92, 1842-1849	7.8	11
56	Proteome-wide Tyrosine Phosphorylation Analysis Reveals Dysregulated Signaling Pathways in Ovarian Tumors. <i>Molecular and Cellular Proteomics</i> , 2019 , 18, 448-460	7.6	11
55	Do Ultrasensitive Prostate Specific Antigen Measurements Have a Role in Predicting Long-Term Biochemical Recurrence-Free Survival in Men after Radical Prostatectomy?. <i>Journal of Urology</i> , 2016 , 195, 330-6	2.5	10
54	Orthogonal Proteomic Platforms and Their Implications for the Stable Classification of High-Grade Serous Ovarian Cancer Subtypes. <i>iScience</i> , 2020 , 23, 101079	6.1	10
53	Glycoproteomics using fluid-based specimens in the discovery of lung cancer protein biomarkers: promise and challenge. <i>Proteomics - Clinical Applications</i> , 2013 , 7, 55-69	3.1	10
52	Quality control for SELDI analysis. <i>Clinical Chemistry and Laboratory Medicine</i> , 2005 , 43, 125-6	5.9	10
51	Complexed prostate-specific antigen as a staging tool for prostate cancer: a prospective study in 420 men. <i>Urology</i> , 2002 , 60, 18-23	1.6	10
50	An integrated proteomic and glycoproteomic approach uncovers differences in glycosylation occupancy from benign and malignant epithelial ovarian tumors. <i>Clinical Proteomics</i> , 2017 , 14, 16	5	9
49	Clinical Evaluation of the Elecsys Total Prostate-specific Antigen Assay on the Elecsys 1010 and 2010 Systems. <i>Clinical Chemistry</i> , 2002 , 48, 944-947	5.5	9
48	Analysis of N-glycoproteins using genomic N-glycosite prediction. <i>Journal of Proteome Research</i> , 2013 , 12, 5609-15	5.6	8
47	Bayer Immuno 1 PSA Assay: an automated, ultrasensitive method to quantitate total PSA in serum. <i>Journal of Clinical Laboratory Analysis</i> , 1998 , 12, 65-74	3	8
46	Volume indexes of total, free, and complexed prostate-specific antigen enhance prediction of extraprostatic disease extension in men with nonpalpable prostate cancer. <i>Urology</i> , 2003 , 62, 1058-62	1.6	8
45	Evaluation of the clinical performance of equimolar- and skewed-response total prostate-specific antigen assays versus complexed and free PSA assays and their ratios in discriminating between benign prostatic hyperplasia and prostate cancer. <i>Clinica Chimica Acta</i> , 2002 , 326, 81-95	6.2	8
44	Prostate-specific Antigen: Advances and Challenges. <i>Clinical Chemistry</i> , 1999 , 45, 755-756	5.5	8
43	Redesigned proficiency testing materials improve survey outcomes for prostate-specific antigen. A College of American Pathologists Ligand Assay Survey tool. <i>Archives of Pathology and Laboratory Medicine</i> , 2000 , 124, 1608-13	5	8

42	Proteomic signatures of 16 major types of human cancer reveal universal and cancer-type-specific proteins for the identification of potential therapeutic targets. <i>Journal of Hematology and Oncology</i> , 2020 , 13, 170	22.4	7
41	Will Cancer Proteomics Suffer from Premature Death?. <i>Clinical Proteomics</i> , 2010 , 6, 1-3	5	7
40	A new model ELISA, based on two monoclonal antibodies, for quantification of fatty acid synthase. <i>Journal of Immunoassay and Immunochemistry</i> , 2002 , 23, 279-92	1.8	7
39	Breast cancer marker Ca549. A multicenter study. <i>American Journal of Clinical Pathology</i> , 1994 , 101, 465-70	7	7
38	Proteomic analysis of degradation ubiquitin signaling by ubiquitin occupancy changes responding to 26S proteasome inhibition. <i>Clinical Proteomics</i> , 2020 , 17, 2	5	6
37	Analysis of serum protein glycosylation by a differential lectin immunosorbant assay (dLISA). <i>Clinical Proteomics</i> , 2013 , 10, 12	5	6
36	Targeted detection of prostate cancer proteins in serum using heavy-isotope-labeled-peptide standards and MALDI-TOF/TOF. <i>Proteomics - Clinical Applications</i> , 2009 , 3, 597-608	3.1	6
35	Comparability of tumor marker immunoassays: still an important issue for clinical diagnostics?. <i>Clinical Chemistry and Laboratory Medicine</i> , 2008 , 46, 575-6	5.9	6
34	Analytical and Clinical Performance Characteristics of Hybritech® Tandem-R free PSA Assay during a Large Multicenter Clinical Trial to Determine the Clinical Utility of Percentage of Free Prostate-specific Antigen. <i>Clinical Chemistry</i> , 1999 , 45, 1863-1865	5.5	6
33	Improvement and multicenter evaluation of the analytical performance of an automated chemiluminescent immunoassay for alpha fetoprotein. <i>International Journal of Biological Markers</i> , 2012 , 27, 39-46	2.8	5
32	INFLUENCE OF RADICAL PROSTATECTOMY ON SERUM HORMONE LEVELS. <i>Journal of Urology</i> , 1998 , 449-453	2.5	5
31	A panel of selected serum protein biomarkers for the detection of aggressive prostate cancer. <i>Theranostics</i> , 2021 , 11, 6214-6224	12.1	5
30	Mass Spectrometric Identification of Proteotypic Peptides from Clinically Used Tumor Markers. <i>Clinical Proteomics</i> , 2008 , 4, 58-66	5	4
29	Myoglobin for early risk stratification of emergency department patients with possible myocardial ischemia. <i>Academic Emergency Medicine</i> , 2000 , 7, 625-36	3.4	4
28	General Principle of Immunoassay 1987 , 1-23		4
27	THE USE OF PERCENT FREE PROSTATE SPECIFIC ANTIGEN FOR STAGING CLINICALLY LOCALIZED PROSTATE CANCER. <i>Journal of Urology</i> , 1998 , 1238-1242	2.5	4
26	Development and evaluation of the MiCheck test for aggressive prostate cancer. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2020 , 38, 683.e11-683.e18	2.8	3
25	Detection of Autoantibodies to Annexin A11 in Different Types of Human Cancer. <i>Clinical Proteomics</i> , 2009 , 5, 125-131	5	3

24	Comparison of total prostate-specific antigen and derivative levels in a screening population of black, white, and Korean-American men. <i>Clinical Prostate Cancer</i> , 2003 , 2, 173-6		3
23	CK-MB isoforms for early risk stratification of emergency department patients. <i>Clinica Chimica Acta</i> , 2000 , 300, 57-73	6.2	3
22	Modern Tumor Marker Discovery in Urology: Surface Enhanced Laser Desorption and Ionization (SELDI). <i>Reviews in Urology</i> , 2003 , 5, 81-9	1	3
21	Multi-laboratory assessment of reproducibility, qualitative and quantitative performance of SWATH-mass spectrometry		3
20	Decoding the Folding Patterns of Serum Proteins: An Alternative Strategy for Cancer Biomarker Validation?. <i>Clinical Proteomics</i> , 2010 , 6, 53-55	5	2
19	Validation of Serum Biomarkers That Complement CA19-9 in Detecting Early Pancreatic Cancer Using Electrochemiluminescent-Based Multiplex Immunoassays.. <i>Biomedicines</i> , 2021 , 9,	4.8	2
18	Orthogonal proteomic platforms and their implications for the stable classification of high-grade serous ovarian cancer subtypes		2
17	Proteomic Analysis of the Air-Way Fluid in Lung Cancer. Detection of Periostin in Bronchoalveolar Lavage (BAL). <i>Frontiers in Oncology</i> , 2020 , 10, 1072	5.3	2
16	Detection of Uveal Melanoma by Multiplex Immunoassays of Serum Biomarkers. <i>Methods in Molecular Biology</i> , 2021 , 2265, 447-459	1.4	2
15	Bayer immuno 1PSA assay: An automated, ultrasensitive method to quantitate total PSA in serum 1998 , 12, 65		2
14	Tumor markers 2020 , 779-793		1
13	Validation of Breast Cancer Biomarkers Identified by Mass Spectrometry: Some of the authors of the article cited above respond:. <i>Clinical Chemistry</i> , 2006 , 52, 772-772	5.5	1
12	Biomarkers for Cancer Diagnostics 2008 , 277-282		1
11	Derivation of a second generation multivariate index assay to improve specificity in pre-surgical evaluation of adnexal masses for risk of ovarian malignancy.. <i>Journal of Clinical Oncology</i> , 2015 , 33, 5561-5561	2.2	1
10	Tumor Markers 2012 , 617-667		1
9	Cancer Biomarker Assays: Performance Standards 2017 , 267-276		
8	Retraction: Evaluation of colon cancer-specific antigen 2 as a potential serum marker for colorectal cancer. <i>Clinical Cancer Research</i> , 2013 , 19, 508	12.9	
7	Exciting news from Clinical Proteomics. <i>Clinical Proteomics</i> , 2011 , 8, 3	5	

6	A Targeted Proteomics Approach for Biomarker Discovery Using Bilateral Matched Nipple Aspiration Fluids. <i>Clinical Proteomics</i> , 2010 , 6, 57-64	5
5	Critical analysis of false elevations in PSA results reported with the Abbott AxSYM assay. <i>Prostate</i> , 1999 , 38, 79-80	4.2
4	Endocrine Assays in the Monitoring of Pregnancy. <i>Clinics in Laboratory Medicine</i> , 1981 , 1, 157-179	2.1
3	A panel of biomarkers to improve specificity in presurgical assessment of adnexal masses for risk of ovarian malignancy.. <i>Journal of Clinical Oncology</i> , 2013 , 31, 5573-5573	2.2
2	MiCheck prostate blood test for aggressive prostate cancer designed for the clinical lab setting.. <i>Journal of Clinical Oncology</i> , 2022 , 40, 229-229	2.2
1	Improving the detection of aggressive prostate cancer using immunohistochemical staining of protein marker panels.. <i>American Journal of Cancer Research</i> , 2022 , 12, 1323-1336	4.4