

Virginia Espina

List of Publications by Year in Descending Order

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

156
papers

10,087
citations

48
h-index

99
g-index

161
ext. papers

10,982
ext. citations

6.1
avg, IF

5.33
L-index

#	Paper	IF	Citations
156	Reverse Phase Protein Arrays. <i>Methods in Molecular Biology</i> , 2021 , 2237, 103-122	1.4	
155	Laser Capture Proteomics: Spatial Tissue Molecular Profiling from the bench to personalized medicine. <i>Expert Review of Proteomics</i> , 2021 ,	4.2	3
154	Protocol for the Mason: Health Starts Here prospective cohort study of young adult college students. <i>BMC Public Health</i> , 2021 , 21, 897	4.1	4
153	Local production of lactate, ribose phosphate, and amino acids within human triple-negative breast cancer. <i>Med</i> , 2021 , 2, 736-754	31.7	6
152	Effects of HER Family-targeting Tyrosine Kinase Inhibitors on Antibody-dependent Cell-mediated Cytotoxicity in HER2-expressing Breast Cancer. <i>Clinical Cancer Research</i> , 2021 , 27, 807-818	12.9	8
151	Proteomic Analysis of Cardioembolic and Large Artery Atherosclerotic Clots Using Reverse Phase Protein Array Technology Reveals Key Cellular Interactions Within Clot Microenvironments. <i>Cureus</i> , 2021 , 13, e13499	1.2	1
150	Encouraging long-term survival following autophagy inhibition using neoadjuvant hydroxychloroquine and gemcitabine for high-risk patients with resectable pancreatic carcinoma. <i>Cancer Medicine</i> , 2021 , 10, 7233-7241	4.8	3
149	Evaluation of pathogen specific urinary peptides in tick-borne illnesses. <i>Scientific Reports</i> , 2020 , 10, 19340	4.9	2
148	A Randomized Phase II Preoperative Study of Autophagy Inhibition with High-Dose Hydroxychloroquine and Gemcitabine/Nab-Paclitaxel in Pancreatic Cancer Patients. <i>Clinical Cancer Research</i> , 2020 , 26, 3126-3134	12.9	64
147	Clinical proteomics and molecular pathology 2020 , 149-163		
146	Lipoarabinomannan antigenic epitope differences in tuberculosis disease subtypes. <i>Scientific Reports</i> , 2020 , 10, 13944	4.9	2
145	Tumor-Draining Lymph Secretome En Route to the Regional Lymph Node in Breast Cancer Metastasis. <i>Breast Cancer: Targets and Therapy</i> , 2020 , 12, 57-67	3.9	2
144	Characterization and Validation of Arg286 Residue of IL-1RAcP as a Potential Drug Target for Osteoarthritis. <i>Frontiers in Chemistry</i> , 2020 , 8, 601477	5	0
143	Proteomics for cancer drug design. <i>Expert Review of Proteomics</i> , 2019 , 16, 647-664	4.2	3
142	Solid Pin Protein Array Printing Platforms. <i>Advances in Experimental Medicine and Biology</i> , 2019 , 1188, 61-75	3.6	
141	RPPA: Origins, Transition to a Validated Clinical Research Tool, and Next Generations of the Technology. <i>Advances in Experimental Medicine and Biology</i> , 2019 , 1188, 1-19	3.6	8
140	Comutation of and in Residual Disease After Preoperative Anti-HER2 Therapy in ERBB2 (HER2)-Amplified Early Breast Cancer.. <i>JCO Precision Oncology</i> , 2019 , 3, 1-26	3.6	1

139	Different measures of HMGB1 location in cancer immunology. <i>Methods in Enzymology</i> , 2019 , 629, 195-217	4.7	5
138	A new model isolates glioblastoma clonal interactions and reveals unexpected modes for regulating motility, proliferation, and drug resistance. <i>Scientific Reports</i> , 2019 , 9, 17380	4.9	9
137	Unlocking bone for proteomic analysis and FISH. <i>Laboratory Investigation</i> , 2019 , 99, 708-721	5.9	2
136	Protein biomarkers for subtyping breast cancer and implications for future research. <i>Expert Review of Proteomics</i> , 2018 , 15, 131-152	4.2	35
135	Stromal TRIM28-associated signaling pathway modulation within the colorectal cancer microenvironment. <i>Journal of Translational Medicine</i> , 2018 , 16, 89	8.5	5
134	Clinical Proteomics and Molecular Pathology 2018 , 183-203		
133	Combination Kinase Inhibitor Treatment Suppresses Rift Valley Fever Virus Replication. <i>Viruses</i> , 2018 , 10,	6.2	4
132	Development of acquired resistance to lapatinib may sensitise HER2-positive breast cancer cells to apoptosis induction by obatoclax and TRAIL. <i>BMC Cancer</i> , 2018 , 18, 965	4.8	13
131	Pathology-Driven Comprehensive Proteomic Profiling of the Prostate Cancer Tumor Microenvironment. <i>Molecular Cancer Research</i> , 2017 , 15, 281-293	6.6	15
130	Dual-Color, Multiplex Analysis of Protein Microarrays for Precision Medicine. <i>Methods in Molecular Biology</i> , 2017 , 1550, 149-170	1.4	2
129	One-Step Preservation and Decalcification of Bony Tissue for Molecular Profiling. <i>Methods in Molecular Biology</i> , 2017 , 1606, 85-102	1.4	2
128	Rapamycin modulation of p70 S6 kinase signaling inhibits Rift Valley fever virus pathogenesis. <i>Antiviral Research</i> , 2017 , 143, 162-175	10.8	14
127	Potential anti-cancer activity of 7-O-pentyl quercetin: Efficient, membrane-targeted kinase inhibition and pro-oxidant effect. <i>Pharmacological Research</i> , 2017 , 124, 9-19	10.2	8
126	Proteomic Analysis Reveals Autophagy as Pro-Survival Pathway Elicited by Long-Term Exposure with 5-Azacytidine in High-Risk Myelodysplasia. <i>Frontiers in Pharmacology</i> , 2017 , 8, 204	5.6	10
125	Immune-modulating Activity of Hydrogel Microparticles Contributes to the Host Defense in a Murine Model of Cutaneous Anthrax. <i>Frontiers in Molecular Biosciences</i> , 2017 , 4, 62	5.6	0
124	A preclinical evaluation of the MEK inhibitor refametinib in HER2-positive breast cancer cell lines including those with acquired resistance to trastuzumab or lapatinib. <i>Oncotarget</i> , 2017 , 8, 85120-85135	3.3	11
123	Persistent CD49d engagement in circulating CLL cells: a role for blood-borne ligands?. <i>Leukemia</i> , 2016 , 30, 513-7	10.7	2
122	Treatment and Long-Term Risks for Patients With a Diagnosis of Ductal Carcinoma In Situ. <i>JAMA Oncology</i> , 2016 , 2, 395	13.4	1

121	PMCA2 regulates HER2 protein kinase localization and signaling and promotes HER2-mediated breast cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E282-90	11.5	51
120	Chemokine-Releasing Microparticles Improve Bacterial Clearance and Survival of Anthrax Spore-Challenged Mice. <i>PLoS ONE</i> , 2016 , 11, e0163163	3.7	4
119	Current state of the art for enhancing urine biomarker discovery. <i>Expert Review of Proteomics</i> , 2016 , 13, 609-26	4.2	60
118	Safety and Biologic Response of Pre-operative Autophagy Inhibition in Combination with Gemcitabine in Patients with Pancreatic Adenocarcinoma. <i>Annals of Surgical Oncology</i> , 2015 , 22, 4402-10 ^{3.1}		138
117	Chemokine-Releasing Nanoparticles for Manipulation of Lymph Node Microenvironment. <i>Nanomaterials</i> , 2015 , 5, 298-320	5.4	8
116	High CerS5 expression levels associate with reduced patient survival and transition from apoptotic to autophagy signalling pathways in colorectal cancer. <i>Journal of Pathology: Clinical Research</i> , 2015 , 1, 54-65	5.3	16
115	Application of Nanotrap technology for high sensitivity measurement of urinary outer surface protein A carboxyl-terminus domain in early stage Lyme borreliosis. <i>Journal of Translational Medicine</i> , 2015 , 13, 346	8.5	40
114	Nitric oxide as a regulator of B. anthracis pathogenicity. <i>Frontiers in Microbiology</i> , 2015 , 6, 921	5.7	9
113	Reverse-Phase Microarray Analysis Reveals Novel Targets in Lymph Nodes of Bacillus anthracis Spore-Challenged Mice. <i>PLoS ONE</i> , 2015 , 10, e0129860	3.7	6
112	Glioblastoma cell enrichment is critical for analysis of phosphorylated drug targets and proteomic-genomic correlations. <i>Cancer Research</i> , 2014 , 74, 818-28	10.1	37
111	Stratification of clear cell renal cell carcinoma by signaling pathway analysis. <i>Expert Review of Proteomics</i> , 2014 , 11, 237-49	4.2	8
110	Protein painting reveals solvent-excluded drug targets hidden within native protein-protein interfaces. <i>Nature Communications</i> , 2014 , 5, 4413	17.4	36
109	Non-enzymatic, serum-free tissue culture of pre-invasive breast lesions for spontaneous generation of mammospheres. <i>Journal of Visualized Experiments</i> , 2014 , e51926	1.6	
108	Hydrogel nanoparticle harvesting of plasma or urine for detecting low abundance proteins. <i>Journal of Visualized Experiments</i> , 2014 , e51789	1.6	8
107	Inhibition of histone deacetylase 4 increases cytotoxicity of docetaxel in gastric cancer cells. <i>Proteomics - Clinical Applications</i> , 2014 , 8, 924-31	3.1	19
106	Reverse phase protein arrays: mapping the path towards personalized medicine. <i>Molecular Diagnosis and Therapy</i> , 2014 , 18, 619-30	4.5	31
105	Students who demonstrate strong talent and interest in STEM are initially attracted to STEM through extracurricular experiences. <i>CBE Life Sciences Education</i> , 2014 , 13, 687-97	3.4	30
104	Mapping protein signal pathway interaction in sarcoma bone metastasis: linkage between rank, metalloproteinases turnover and growth factor signaling pathways. <i>Clinical and Experimental Metastasis</i> , 2014 , 31, 15-24	4.7	20

103	Whole proteome analysis of mouse lymph nodes in cutaneous anthrax. <i>PLoS ONE</i> , 2014 , 9, e110873	3.7	9
102	Reverse Phase Protein Microarray Technology: Advances into the Clinical Research Arena 2013 , 349-361		
101	Laser capture microdissection for protein and NanoString RNA analysis. <i>Methods in Molecular Biology</i> , 2013 , 931, 213-57	1.4	40
100	Retinal pigment epithelium (RPE) exosomes contain signaling phosphoproteins affected by oxidative stress. <i>Experimental Cell Research</i> , 2013 , 319, 2113-2123	4.2	80
99	Pathologic complete response after preoperative anti-HER2 therapy correlates with alterations in PTEN, FOXO, phosphorylated Stat5, and autophagy protein signaling. <i>BMC Research Notes</i> , 2013 , 6, 507	2.3	47
98	Attacking breast cancer at the preinvasion stage by targeting autophagy. <i>Womens Health</i> , 2013 , 9, 157-70		8
97	Elevated TNFR1 and serotonin in bone metastasis are correlated with poor survival following bone metastasis diagnosis for both carcinoma and sarcoma primary tumors. <i>Clinical Cancer Research</i> , 2013 , 19, 2473-85	12.9	28
96	Chloroquine enjoys a renaissance as an antineoplastic therapy. <i>Clinical Investigation</i> , 2013 , 3, 743-761		2
95	Molecular analysis of HER2 signaling in human breast cancer by functional protein pathway activation mapping. <i>Clinical Cancer Research</i> , 2012 , 18, 6426-35	12.9	88
94	Reduction of preanalytical variability in specimen procurement for molecular profiling. <i>Methods in Molecular Biology</i> , 2012 , 823, 49-57	1.4	13
93	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012 , 8, 445-546	14.2	2783
92	Ductal carcinoma in situ: challenges, opportunities, and uncharted waters. <i>American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting</i> , 2012 , 40-4	7.1	5
91	Improved data normalization methods for reverse phase protein microarray analysis of complex biological samples. <i>BioTechniques</i> , 2012 , 1-7	2.5	23
90	Application of Analyte Harvesting Nanoparticle Technology to the Measurement of Urinary HGH in Healthy Individuals 2012 , 2,		8
89	Laser capture microdissection: Arcturus(XT) infrared capture and UV cutting methods. <i>Methods in Molecular Biology</i> , 2012 , 823, 157-78	1.4	23
88	Circulating CLL Cells Expressing CD49d Display a Phospho-Proteomic Profile Consistent with a Constitutive Receptor Engagement by Blood-Borne Ligands. <i>Blood</i> , 2012 , 120, 930-930	2.2	
87	Multifunctional core-shell nanoparticles: discovery of previously invisible biomarkers. <i>Journal of the American Chemical Society</i> , 2011 , 133, 19178-88	16.4	79
86	Phosphoprotein stability in clinical tissue and its relevance for reverse phase protein microarray technology. <i>Methods in Molecular Biology</i> , 2011 , 785, 23-43	1.4	23

85	A novel biomarker harvesting nanotechnology identifies Bak as a candidate melanoma biomarker in serum. <i>Experimental Dermatology</i> , 2011 , 20, 29-34	4	39
84	A response to the two faces of autophagy in DCIS. <i>Nature Reviews Cancer</i> , 2011 , 11, 618-618	31.3	
83	What is the malignant nature of human ductal carcinoma in situ?. <i>Nature Reviews Cancer</i> , 2011 , 11, 68-75	31.3	82
82	The use of hydrogel microparticles to sequester and concentrate bacterial antigens in a urine test for Lyme disease. <i>Biomaterials</i> , 2011 , 32, 1157-66	15.6	41
81	One-step preservation of phosphoproteins and tissue morphology at room temperature for diagnostic and research specimens. <i>PLoS ONE</i> , 2011 , 6, e23780	3.7	66
80	Reverse phase protein microarrays: fluorometric and colorimetric detection. <i>Methods in Molecular Biology</i> , 2011 , 723, 275-301	1.4	14
79	Proteomic and Genomic Profile of High-Risk MDS After Treatment with 5-Azacytidine. <i>Blood</i> , 2011 , 118, 3818-3818	2.2	
78	Clinical Proteomics and Molecular Pathology 2010 , 113-123		
77	Functional protein network activation mapping reveals new potential molecular drug targets for poor prognosis pediatric BCP-ALL. <i>PLoS ONE</i> , 2010 , 5, e13552	3.7	38
76	Reverse-phase phosphoproteome analysis of signaling pathways induced by Rift valley fever virus in human small airway epithelial cells. <i>PLoS ONE</i> , 2010 , 5, e13805	3.7	42
75	Tumorigenic and metastatic activity of human thyroid cancer stem cells. <i>Cancer Research</i> , 2010 , 70, 8874-8881	4.85	177
74	Reverse phase protein microarrays advance to use in clinical trials. <i>Molecular Oncology</i> , 2010 , 4, 461-81	7.9	112
73	The heme degradation pathway is a promising serum biomarker source for the early detection of Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2010 , 19, 1081-91	4.3	45
72	Malignant precursor cells pre-exist in human breast DCIS and require autophagy for survival. <i>PLoS ONE</i> , 2010 , 5, e10240	3.7	109
71	Treatment with TKIs Overcomes Imatinib Resistance through the PLCgamma-1 Signaling Pathway In Imatinib Resistant Human CML Cell Lines. <i>Blood</i> , 2010 , 116, 4468-4468	2.2	
70	Serotonin Dysregulation Correlates with Both Bone and Active Disease In Multiple Myeloma. <i>Blood</i> , 2010 , 116, 1920-1920	2.2	
69	Clinical Proteomics and Molecular Pathology 2009 , 165-183		2
68	Core-shell hydrogel particles harvest, concentrate and preserve labile low abundance biomarkers. <i>PLoS ONE</i> , 2009 , 4, e4763	3.7	82

67	Activated VEGF receptor shed into the vitreous in eyes with wet AMD: a new class of biomarkers in the vitreous with potential for predicting the treatment timing and monitoring response. <i>JAMA Ophthalmology</i> , 2009 , 127, 613-21			31
66	Quantitative cell signalling analysis reveals down-regulation of MAPK pathway activation in colorectal cancer. <i>Journal of Pathology</i> , 2009 , 218, 514-9	9.4		47
65	Tissue is alive: New technologies are needed to address the problems of protein biomarker pre-analytical variability. <i>Proteomics - Clinical Applications</i> , 2009 , 3, 874-882	3.1		75
64	Anthrax infection inhibits the AKT signaling involved in the E-cadherin-mediated adhesion of lung epithelial cells. <i>FEMS Immunology and Medical Microbiology</i> , 2009 , 56, 129-42			20
63	Reverse-phase protein microarrays for theranostics and patient tailored therapy. <i>Methods in Molecular Biology</i> , 2009 , 520, 89-105	1.4		24
62	Nanoparticle technology: amplifying the effective sensitivity of biomarker detection to create a urine test for hGH. <i>Drug Testing and Analysis</i> , 2009 , 1, 447-54	3.5		24
61	Nanoparticle technology: Addressing the fundamental roadblocks to protein biomarker discovery. <i>Journal of Materials Chemistry</i> , 2009 , 19, 5071-5077			21
60	Application of laser microdissection and reverse-phase protein microarrays to the molecular profiling of cancer signal pathway networks in the tissue microenvironment. <i>Clinics in Laboratory Medicine</i> , 2009 , 29, 1-13	2.1		28
59	Comparison of global versus epidermal growth factor receptor pathway profiling for prediction of lapatinib sensitivity in bladder cancer. <i>Neoplasia</i> , 2009 , 11, 1185-93	6.4		26
58	Ex Vivo Multiplexed Signal Pathway Inhibitor Treatment Reveals Differential Sensitivity of Myeloma and Non-Myeloma Bone Marrow Cell Populations.. <i>Blood</i> , 2009 , 114, 2860-2860	2.2		
57	Smart hydrogel particles: biomarker harvesting: one-step affinity purification, size exclusion, and protection against degradation. <i>Nano Letters</i> , 2008 , 8, 350-61	11.5		159
56	Multiplexed cell signaling analysis of human breast cancer applications for personalized therapy. <i>Journal of Proteome Research</i> , 2008 , 7, 1508-17	5.6		113
55	A portrait of tissue phosphoprotein stability in the clinical tissue procurement process. <i>Molecular and Cellular Proteomics</i> , 2008 , 7, 1998-2018	7.6		165
54	Laser capture microdissection and protein microarray analysis of human non-small cell lung cancer: differential epidermal growth factor receptor (EGFR) phosphorylation events associated with mutated EGFR compared with wild type. <i>Molecular and Cellular Proteomics</i> , 2008 , 7, 1902-24	7.6		93
53	Concentration and Preservation of Very Low Abundance Biomarkers in Urine, such as Human Growth Hormone (hGH), by Cibacron Blue F3G-A Loaded Hydrogel Particles. <i>Nano Research</i> , 2008 , 1, 502-518	10		49
52	Clinical Proteomics 2008 , 231-239			
51	Automated laser capture microdissection for tissue proteomics. <i>Methods in Molecular Biology</i> , 2008 , 441, 71-90	1.4		16
50	Reverse phase protein microarrays for theranostics and patient-tailored therapy. <i>Methods in Molecular Biology</i> , 2008 , 441, 113-28	1.4		22

49	Molecular network analysis using reverse phase protein microarrays for patient tailored therapy. <i>Advances in Experimental Medicine and Biology</i> , 2008 , 610, 177-86	3.6	14
48	Reverse-phase protein microarrays: application to biomarker discovery and translational medicine. <i>Expert Review of Molecular Diagnostics</i> , 2007 , 7, 625-33	3.8	69
47	A phase II and pharmacodynamic study of gefitinib in patients with refractory or recurrent epithelial ovarian cancer. <i>Cancer</i> , 2007 , 109, 1323-30	6.4	124
46	The needle in the haystack: application of breast fine-needle aspirate samples to quantitative protein microarray technology. <i>Cancer</i> , 2007 , 111, 173-84	6.4	66
45	A prospective analysis of imatinib-induced c-KIT modulation in ovarian cancer: a phase II clinical study with proteomic profiling. <i>Cancer</i> , 2007 , 110, 309-17	6.4	57
44	Physicochemically modified silicon as a substrate for protein microarrays. <i>Biomaterials</i> , 2007 , 28, 550-8	15.6	61
43	Phosphoprotein pathway mapping: Akt/mammalian target of rapamycin activation is negatively associated with childhood rhabdomyosarcoma survival. <i>Cancer Research</i> , 2007 , 67, 3431-40	10.1	210
42	Laser capture microdissection technology. <i>Expert Review of Molecular Diagnostics</i> , 2007 , 7, 647-57	3.8	140
41	Reverse phase protein microarrays for monitoring biological responses. <i>Methods in Molecular Biology</i> , 2007 , 383, 321-36	1.4	25
40	Development of reverse phase protein microarrays for clinical applications and patient-tailored therapy. <i>Cancer Genomics and Proteomics</i> , 2007 , 4, 157-64	3.3	12
39	Clinical phosphoproteomic profiling for personalized targeted medicine using reverse phase protein microarray. <i>Targeted Oncology</i> , 2006 , 1, 151	5	2
38	Accurate diagnosis of acute graft-versus-host disease using serum proteomic pattern analysis. <i>Experimental Hematology</i> , 2006 , 34, 796-801	3.1	53
37	Proteomic analysis of malignant ovarian cancer effusions as a tool for biologic and prognostic profiling. <i>Clinical Cancer Research</i> , 2006 , 12, 791-9	12.9	68
36	Role of proteomics in personalized medicine. <i>Personalized Medicine</i> , 2006 , 3, 223-226	2.2	2
35	Laser-capture microdissection. <i>Nature Protocols</i> , 2006 , 1, 586-603	18.8	504
34	Proteomics of breast cancer 2006 , 101-113		
33	Alterations of Cell Signaling Pathways in Pediatric B-ALL Patients.. <i>Blood</i> , 2006 , 108, 4427-4427	2.2	
32	Laser capture microdissection. <i>Methods in Molecular Biology</i> , 2006 , 319, 213-29	1.4	50

31	Pegylated, streptavidin-conjugated quantum dots are effective detection elements for reverse-phase protein microarrays. <i>Bioconjugate Chemistry</i> , 2005 , 16, 559-66	6.3	113
30	Pathology of the Future: Molecular Profiling for Targeted Therapy. <i>Cancer Investigation</i> , 2005 , 23, 36-46	2.1	58
29	CSF proteome: a protein repository for potential biomarker identification. <i>Expert Review of Proteomics</i> , 2005 , 2, 57-70	4.2	99
28	Protein pathway analysis in Clinical Proteomics using protein microarrays. <i>Drug Discovery Today: Technologies</i> , 2005 , 2, 353-9	7.1	1
27	Expression of xeroderma pigmentosum A protein predicts improved outcome in metastatic ovarian carcinoma. <i>Cancer</i> , 2005 , 103, 2313-9	6.4	28
26	Manual exfoliation of fresh tissue obviates the need for frozen sections for molecular profiling. <i>Cancer</i> , 2005 , 105, 483-91	6.4	6
25	An Interventional Magnetic Resonance Imaging Technique for the Molecular Characterization of Intraprostatic Dynamic Contrast Enhancement. <i>Molecular Imaging</i> , 2005 , 4, 153535002005041	3.7	14
24	A transforming growth factor-beta receptor-interacting protein frequently mutated in human ovarian cancer. <i>Cancer Research</i> , 2005 , 65, 6526-33	10.1	55
23	Mapping molecular networks using proteomics: a vision for patient-tailored combination therapy. <i>Journal of Clinical Oncology</i> , 2005 , 23, 3614-21	2.2	158
22	Proteomic analysis of apoptotic pathways reveals prognostic factors in follicular lymphoma. <i>Clinical Cancer Research</i> , 2005 , 11, 5847-55	12.9	99
21	Use of reverse phase protein microarrays and reference standard development for molecular network analysis of metastatic ovarian carcinoma. <i>Molecular and Cellular Proteomics</i> , 2005 , 4, 346-55	7.6	244
20	Adipocyte-derived collagen VI affects early mammary tumor progression in vivo, demonstrating a critical interaction in the tumor/stroma microenvironment. <i>Journal of Clinical Investigation</i> , 2005 , 115, 1163-76	15.9	274
19	An interventional magnetic resonance imaging technique for the molecular characterization of intraprostatic dynamic contrast enhancement. <i>Molecular Imaging</i> , 2005 , 4, 63-6	3.7	7
18	Pathology of the future: molecular profiling for targeted therapy. <i>Cancer Investigation</i> , 2005 , 23, 36-46	2.1	8
17	Application of laser capture microdissection and protein microarray technologies in the molecular analysis of airway injury following pollution particle exposure. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2004 , 67, 851-61	3.2	12
16	Use of proteomic patterns to screen for gastrointestinal malignancies. <i>Surgery</i> , 2004 , 135, 243-7	3.6	28
15	Protein microarray detection strategies: focus on direct detection technologies. <i>Journal of Immunological Methods</i> , 2004 , 290, 121-33	2.5	157
14	Application of sector protein microarrays to clinical samples. <i>Clinical Proteomics</i> , 2004 , 1, 91-99	5	4

13	Use of proteomic analysis to monitor responses to biological therapies. <i>Expert Opinion on Biological Therapy</i> , 2004 , 4, 83-93	5.4	77
12	Serum proteomics in cancer diagnosis and management. <i>Annual Review of Medicine</i> , 2004 , 55, 97-112	17.4	116
11	Clinical proteomics: revolutionizing disease detection and patient tailoring therapy. <i>Journal of Proteome Research</i> , 2004 , 3, 209-17	5.6	96
10	Genomic and proteomic technologies for individualisation and improvement of cancer treatment. <i>European Journal of Cancer</i> , 2004 , 40, 2623-32	7.5	77
9	Biomarkers of ovarian tumours. <i>European Journal of Cancer</i> , 2004 , 40, 2604-12	7.5	68
8	Protein Microarrays 2004 , 1083-1088		
7	Molecular diagnostics. <i>Hematology American Society of Hematology Education Program</i> , 2003 , 2003, 279-93		17
6	Protein microarrays: meeting analytical challenges for clinical applications. <i>Cancer Cell</i> , 2003 , 3, 317-25	24.3	400
5	Protein microarrays: molecular profiling technologies for clinical specimens. <i>Proteomics</i> , 2003 , 3, 2091-1008		209
4	Proteomic profiling of the NCI-60 cancer cell lines using new high-density reverse-phase lysate microarrays. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 14229-34	11.5	415
3	Applications of Proteomics to Metastasis Diagnosis and Individualized Therapy		475-485
2	Development and Use of Reversed-Phase Protein Microarrays for Clinical Applications		165-175
1	Pathology of the Future: Molecular Profiling for Targeted Therapy		3