

# Andrew Norbert Hoofnagle

## 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.

129 papers	5,159 citations	34 h-index	70 g-index
136 ext. papers	6,406 ext. citations	7.3 avg, IF	5.67 L-index

#	Paper	IF	Citations
129	Tandem Mass Spectrometry-Based Amyloid Typing Using Manual Microdissection and Open-Source Data Processing.. <i>American Journal of Clinical Pathology</i> , <b>2022</b> , 157, 748-757	1.9	
128	Impact of Removing Race Variable on CKD Classification Using the Creatinine-Based 2021 CKD-EPI Equation. <i>Kidney Medicine</i> , <b>2022</b> , 100471	2.8	0
127	Differences in 25-Hydroxyvitamin D Clearance by eGFR and Race: A Pharmacokinetic Study. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2021</b> , 32, 188-198	12.7	6
126	Assessment of serum total 25-hydroxyvitamin D assays for Vitamin D External Quality Assessment Scheme (DEQAS) materials distributed at ambient and frozen conditions. <i>Analytical and Bioanalytical Chemistry</i> , <b>2021</b> , 414, 1015	4.4	4
125	Validation of the 24,25-dihydroxyvitamin D to 25-hydroxyvitamin D ratio as a biomarker of 25-hydroxyvitamin D clearance.. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2021</b> , 217, 106047	5.1	0
124	Using mass spectrometry to overcome the longstanding inaccuracy of a commercially-available clinical testosterone immunoassay. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2021</b> , 1183, 122969	3.2	1
123	Should LC-MS/MS Be the Reference Measurement Procedure to Determine Protein Concentrations in Human Samples?. <i>Clinical Chemistry</i> , <b>2021</b> , 67, 466-471	5.5	0
122	Understanding the Role of Emerging Vitamin D Biomarkers on Short-term Persistence of High-Risk Human Papillomavirus Infection Among Mid-Adult Women. <i>Journal of Infectious Diseases</i> , <b>2021</b> , 224, 123-132	7	0
121	Unexpected Presence of an Unusual Opioid in a Patient with Chronic Pain. <i>Clinical Chemistry</i> , <b>2021</b> , 67, 596-599	5.5	0
120	The Multi-Ethnic Study of Atherosclerosis individual response to vitamin D trial: Building a randomized clinical trial into an observational cohort study. <i>Contemporary Clinical Trials</i> , <b>2021</b> , 103, 106318	2.3	0
119	Assessment of kidney proximal tubular secretion in critical illness. <i>JCI Insight</i> , <b>2021</b> , 6,	9.9	1
118	Quantification of Human Epidermal Growth Factor Receptor 2 by Immunopeptide Enrichment and Targeted Mass Spectrometry in Formalin-Fixed Paraffin-Embedded and Frozen Breast Cancer Tissues. <i>Clinical Chemistry</i> , <b>2021</b> , 67, 1008-1018	5.5	3
117	Very Low Vitamin D in a Patient With a Novel Pathogenic Variant in the Gene That Encodes Vitamin D-Binding Protein. <i>Journal of the Endocrine Society</i> , <b>2021</b> , 5, bvab104	0.4	1
116	Assessment of serum total 25-hydroxyvitamin D assay commutability of Standard Reference Materials and College of American Pathologists Accuracy-Based Vitamin D (ABVD) Scheme and Vitamin D External Quality Assessment Scheme (DEQAS) materials: Vitamin D Standardization Program (VDSP) Commutability Study 2. <i>Analytical and Bioanalytical Chemistry</i> , <b>2021</b> , 413, 5067-5084	4.4	6
115	The Vitamin D Metabolite Ratio Is Independent of Vitamin D Binding Protein Concentration. <i>Clinical Chemistry</i> , <b>2021</b> , 67, 385-393	5.5	5
114	Prediction of Kidney Drug Clearance: A Comparison of Tubular Secretory Clearance and Glomerular Filtration Rate. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2021</b> , 32, 459-468	12.7	2
113	Towards an SI-Traceable Reference Measurement System for Seven Serum Apolipoproteins Using Bottom-Up Quantitative Proteomics: Conceptual Approach Enabled by Cross-Disciplinary/Cross-Sector Collaboration. <i>Clinical Chemistry</i> , <b>2021</b> , 67, 478-489	5.5	11

112	Effects of long-term vitamin D and n-3 fatty acid supplementation on inflammatory and cardiac biomarkers in patients with type 2 diabetes: secondary analyses from a randomised controlled trial. <i>Diabetologia</i> , <b>2021</b> , 64, 437-447	10.3	2
111	Development of an LC-MS/MS Proposed Candidate Reference Method for the Standardization of Analytical Methods to Measure Lipoprotein(a). <i>Clinical Chemistry</i> , <b>2021</b> , 67, 490-499	5.5	12
110	Association Between Kidney Clearance of Secretory Solutes and Cardiovascular Events: The Chronic Renal Insufficiency Cohort (CRIC) Study. <i>American Journal of Kidney Diseases</i> , <b>2021</b> , 78, 226-235.e1	7.4	2
109	Interlaboratory comparison of 25-hydroxyvitamin D assays: Vitamin D Standardization Program (VDSP) Intercomparison Study 2 - Part 1 liquid chromatography - tandem mass spectrometry (LC-MS/MS) assays - impact of 3-epi-25-hydroxyvitamin D on assay performance. <i>Analytical and Bioanalytical Chemistry</i> , <b>2021</b> , 1	4.4	5
108	The Vitamin D Metabolite Ratio Is Associated With Changes in Bone Density and Fracture Risk in Older Adults. <i>Journal of Bone and Mineral Research</i> , <b>2021</b> ,	6.3	4
107	Self-collection of capillary blood using Tasso-SST devices for Anti-SARS-CoV-2 IgG antibody testing. <i>PLoS ONE</i> , <b>2021</b> , 16, e0255841	3.7	5
106	Calculating estimated glomerular filtration rate without the race correction factor: Observations at a large academic medical system. <i>Clinica Chimica Acta</i> , <b>2021</b> , 520, 16-22	6.2	3
105	Serum Vitamin D: Correlates of Baseline Concentration and Response to Supplementation in VITAL-DKD. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2021</b> ,	5.6	1
104	Circulating Ceramides and Sphingomyelins and Risk of Mortality: The Cardiovascular Health Study. <i>Clinical Chemistry</i> , <b>2021</b> , 67, 1650-1659	5.5	3
103	Plasma Ceramides containing Saturated Fatty Acids are Associated with Risk of Type 2 Diabetes. <i>Journal of Lipid Research</i> , <b>2021</b> , 100119	6.3	6
102	Development and Validation of a Novel LC-MS/MS Assay for C-Peptide in Human Serum. <i>Journal of Mass Spectrometry and Advances in the Clinical Lab</i> , <b>2021</b> , 19, 1-6		3
101	Multimic analysis identifies CPT1A as a potential therapeutic target in platinum-refractory, high-grade serous ovarian cancer.. <i>Cell Reports Medicine</i> , <b>2021</b> , 2, 100471	18	2
100	Kidney Clearance of Secretory Solutes Is Associated with Progression of CKD: The CRIC Study. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2020</b> , 31, 817-827	12.7	17
99	Maternal serum perfluoroalkyl substance mixtures and thyroid hormone concentrations in maternal and cord sera: The HOME Study. <i>Environmental Research</i> , <b>2020</b> , 185, 109395	7.9	17
98	Plasma Ceramides and Sphingomyelins in Relation to Atrial Fibrillation Risk: The Cardiovascular Health Study. <i>Journal of the American Heart Association</i> , <b>2020</b> , 9, e012853	6	11
97	Alterations of Proximal Tubular Secretion in Autosomal Dominant Polycystic Kidney Disease. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , <b>2020</b> , 15, 80-88	6.9	5
96	Matrix-Matched Calibration Curves for Assessing Analytical Figures of Merit in Quantitative Proteomics. <i>Journal of Proteome Research</i> , <b>2020</b> , 19, 1147-1153	5.6	17
95	More sensitivity is always better: Measuring sub-clinical levels of serum thyroglobulin on a $\mu$ LC-MS/MS system. <i>Clinical Mass Spectrometry</i> , <b>2020</b> , 15, 29-35	1.9	4

94	Inter-Laboratory Agreement of Insulin-like Growth Factor 1 Concentrations Measured Intact by Mass Spectrometry. <i>Clinical Chemistry</i> , <b>2020</b> , 66, 579-586	5.5	5
93	Maternal, cord, and three-year-old child serum thyroid hormone concentrations in the Health Outcomes and Measures of the Environment study. <i>Clinical Endocrinology</i> , <b>2020</b> , 92, 366-372	3.4	
92	Postprandial remodeling of high-density lipoprotein following high saturated fat and high carbohydrate meals. <i>Journal of Clinical Lipidology</i> , <b>2020</b> , 14, 66-76.e11	4.9	8
91	Impact of Race on the Association of Mineral Metabolism With Heart Failure: the Multi-Ethnic Study of Atherosclerosis. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2020</b> , 105,	5.6	3
90	A Targeted Multiomics Approach to Identify Biomarkers Associated with Rapid eGFR Decline in Type 1 Diabetes. <i>American Journal of Nephrology</i> , <b>2020</b> , 51, 839-848	4.6	3
89	Randomized, Placebo-Controlled Trial of Rifaximin Therapy for Lowering Gut-Derived Cardiovascular Toxins and Inflammation in CKD. <i>Kidney360</i> , <b>2020</b> , 1, 1206-1216	1.8	4
88	Race, Ancestry, and Vitamin D Metabolism: The Multi-Ethnic Study of Atherosclerosis. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2020</b> , 105,	5.6	8
87	Differences in proximal tubular solute clearance across common etiologies of chronic kidney disease. <i>Nephrology Dialysis Transplantation</i> , <b>2020</b> , 35, 1916-1923	4.3	4
86	Serum Concentrations of Emerging Vitamin D Biomarkers and Detection of Prevalent High-Risk HPV Infection in Mid-adult Women. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2020</b> , 29, 1468-1474 <sup>4</sup>		3
85	Association of Tubular Solute Clearance with Symptom Burden in Incident Peritoneal Dialysis. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , <b>2020</b> , 15, 530-538	6.9	2
84	Vitamin D in human serum and adipose tissue after supplementation. <i>American Journal of Clinical Nutrition</i> , <b>2020</b> ,	7	5
83	Mineral Metabolism Disturbances and Arteriovenous Fistula Maturation. <i>European Journal of Vascular and Endovascular Surgery</i> , <b>2019</b> , 57, 719-728	2.3	4
82	Vitamin D-Binding Protein Deficiency and Homozygous Deletion of the Gene. <i>New England Journal of Medicine</i> , <b>2019</b> , 380, 1150-1157	59.2	31
81	The NASA Twins Study: A multidimensional analysis of a year-long human spaceflight. <i>Science</i> , <b>2019</b> , 364,	33.3	300
80	Uric Acid and Acute Kidney Injury in the Critically Ill. <i>Kidney Medicine</i> , <b>2019</b> , 1, 21-30	2.8	5
79	The Reply. <i>American Journal of Medicine</i> , <b>2019</b> , 132, e717	2.4	
78	Effect of Vitamin D and Omega-3 Fatty Acid Supplementation on Kidney Function in Patients With Type 2 Diabetes: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , <b>2019</b> , 322, 1899-1909	27.4	34
77	Vitamin D Deficiency Is Associated With Poor Ovarian Stimulation Outcome in PCOS but Not Unexplained Infertility. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2019</b> , 104, 369-378	5.6	32

76	Clinical potential of mass spectrometry-based proteogenomics. <i>Nature Reviews Clinical Oncology</i> , <b>2019</b> , 16, 256-268	19.4	89
75	Cannabis Legalization Does Not Influence Patient Compliance with Opioid Therapy. <i>American Journal of Medicine</i> , <b>2019</b> , 132, 347-353	2.4	7
74	Circulating sphingolipids, fasting glucose, and impaired fasting glucose: The Strong Heart Family Study. <i>EBioMedicine</i> , <b>2019</b> , 41, 44-49	8.8	27
73	Quantification of Methotrexate in Human Serum and Plasma by Liquid Chromatography Tandem Mass Spectrometry. <i>Methods in Molecular Biology</i> , <b>2019</b> , 1872, 101-110	1.4	3
72	Nonlinear Regression Improves Accuracy of Characterization of Multiplexed Mass Spectrometric Assays. <i>Molecular and Cellular Proteomics</i> , <b>2018</b> , 17, 913-924	7.6	14
71	Maternal urinary phthalate metabolites during pregnancy and thyroid hormone concentrations in maternal and cord sera: The HOME Study. <i>International Journal of Hygiene and Environmental Health</i> , <b>2018</b> , 221, 623-631	6.9	46
70	Comparability of Lipoprotein Particle Number Concentrations Across ES-DMA, NMR, LC-MS/MS, Immunonephelometry, and VAP: In Search of a Candidate Reference Measurement Procedure for apoB and non-HDL-P Standardization. <i>Clinical Chemistry</i> , <b>2018</b> , 64, 1485-1495	5.5	16
69	Serum Calcitriol Concentrations and Kidney Function Decline, Heart Failure, and Mortality in Elderly Community-Living Adults: The Health, Aging, and Body Composition Study. <i>American Journal of Kidney Diseases</i> , <b>2018</b> , 72, 419-428	7.4	15
68	Type 2 diabetes is associated with loss of HDL endothelium protective functions. <i>PLoS ONE</i> , <b>2018</b> , 13, e0192616	3.7	36
67	The 24,25 to 25-hydroxyvitamin D ratio and fracture risk in older adults: The cardiovascular health study. <i>Bone</i> , <b>2018</b> , 107, 124-130	4.7	31
66	Measurement of Vitamin D for Epidemiologic and Clinical Research: Shining Light on a Complex Decision. <i>American Journal of Epidemiology</i> , <b>2018</b> , 187, 879-890	3.8	31
65	Vitamin D Metabolites in Aging HIV-Infected Men: Does Inflammation Play a Role?. <i>AIDS Research and Human Retroviruses</i> , <b>2018</b> ,	1.6	1
64	Vitamin D and omega-3 trial to prevent and treat diabetic kidney disease: Rationale, design, and baseline characteristics. <i>Contemporary Clinical Trials</i> , <b>2018</b> , 74, 11-17	2.3	4
63	Safety of calcium and vitamin D supplements, a randomized controlled trial. <i>Clinical Endocrinology</i> , <b>2018</b> , 89, 742-749	3.4	12
62	Polybrominated diphenyl ether (PBDE) exposures and thyroid hormones in children at age 3 years. <i>Environment International</i> , <b>2018</b> , 117, 339-347	12.9	33
61	Quantification by nano liquid chromatography parallel reaction monitoring mass spectrometry of human apolipoprotein A-I, apolipoprotein B, and hemoglobin A1c in dried blood spots. <i>Proteomics - Clinical Applications</i> , <b>2017</b> , 11, 1600103	3.1	19
60	Associations of Vitamin D-Binding Globulin and Bioavailable Vitamin D Concentrations With Coronary Heart Disease Events: The Multi-Ethnic Study of Atherosclerosis (MESA). <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2017</b> , 102, 3075-3084	5.6	23
59	Maternal perchlorate exposure in pregnancy and altered birth outcomes. <i>Environmental Research</i> , <b>2017</b> , 158, 72-81	7.9	21

58	Association of Vitamin D Metabolites With Arterial Function in the Hemodialysis Fistula Maturation Study. <i>American Journal of Kidney Diseases</i> , <b>2017</b> , 69, 805-814	7.4	4
57	Establishing evidence-based thresholds and laboratory practices to reduce inappropriate treatment of pseudohyperkalemia. <i>Clinical Biochemistry</i> , <b>2017</b> , 50, 663-669	3.5	23
56	Harmonization of blood-based indicators of iron status: making the hard work matter. <i>American Journal of Clinical Nutrition</i> , <b>2017</b> , 106, 1615S-1619S	7	12
55	Baseline Assessment of 25-Hydroxyvitamin D Reference Material and Proficiency Testing/External Quality Assurance Material Commutability: A Vitamin D Standardization Program Study. <i>Journal of AOAC INTERNATIONAL</i> , <b>2017</b> , 100, 1288-1293	1.7	15
54	Kidney function is associated with an altered protein composition of high-density lipoprotein. <i>Kidney International</i> , <b>2017</b> , 92, 1526-1535	9.9	26
53	Evaluation of Posaconazole Serum Concentrations from Delayed-Release Tablets in Patients at High Risk for Fungal Infections. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2017</b> , 61,	5.9	22
52	Effects of Vitamin D Supplementation on Vitamin D Metabolism in Health and CKD. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , <b>2017</b> , 12, 1498-1506	6.9	27
51	Biomarkers of tubulointerstitial damage and function in type 1 diabetes. <i>BMJ Open Diabetes Research and Care</i> , <b>2017</b> , 5, e000461	4.5	5
50	Vitamin D Deficiency and Metabolism in HIV-Infected and HIV-Uninfected Men in the Multicenter AIDS Cohort Study. <i>AIDS Research and Human Retroviruses</i> , <b>2017</b> , 33, 261-270	1.6	7
49	The Authors Reply. <i>Kidney International</i> , <b>2017</b> , 92, 1556	9.9	1
48	Interlaboratory Comparison for the Determination of 24,25-Dihydroxyvitamin D <sub>3</sub> in Human Serum Using Liquid Chromatography with Tandem Mass Spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , <b>2017</b> , 100, 1308-1317	1.7	13
47	Interassay Comparison of the Tumor Markers CA125, CA15.3, and CA27.29. <i>journal of applied laboratory medicine, The</i> , <b>2017</b> , 2, 17-24	2	0
46	General Steps to Standardize the Laboratory Measurement of Serum Total 25-Hydroxyvitamin D. <i>Journal of AOAC INTERNATIONAL</i> , <b>2017</b> , 100, 1230-1233	1.7	26
45	Baseline Assessment of 25-Hydroxyvitamin D Assay Performance: A Vitamin D Standardization Program (VDSP) Interlaboratory Comparison Study. <i>Journal of AOAC INTERNATIONAL</i> , <b>2017</b> , 100, 1244-1252	1.7	34
44	Measurement by a Novel LC-MS/MS Methodology Reveals Similar Serum Concentrations of Vitamin D-Binding Protein in Blacks and Whites. <i>Clinical Chemistry</i> , <b>2016</b> , 62, 179-87	5.5	91
43	Low Vitamin D and High Fibroblast Growth Factor 23 Serum Levels Associate with Infectious and Cardiac Deaths in the HEMO Study. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2016</b> , 27, 227-37	12.7	99
42	Recalibration of 24,25-Dihydroxyvitamin D <sub>3</sub> Results Based on NIST Standard Reference Material 972a. <i>American Journal of Kidney Diseases</i> , <b>2016</b> , 67, 812-3	7.4	4
41	Integrated Proteogenomic Characterization of Human High-Grade Serous Ovarian Cancer. <i>Cell</i> , <b>2016</b> , 166, 755-765	56.2	544



40	Biomarkers of Vitamin D Status and Risk of ESRD. <i>American Journal of Kidney Diseases</i> , <b>2016</b> , 67, 235-42	7.4	23
39	Using the CPTAC Assay Portal to Identify and Implement Highly Characterized Targeted Proteomics Assays. <i>Methods in Molecular Biology</i> , <b>2016</b> , 1410, 223-36	1.4	25
38	Short-term Variability of Vitamin D-Related Biomarkers. <i>Clinical Chemistry</i> , <b>2016</b> , 62, 1647-1653	5.5	14
37	Potassium Measures and Their Associations with Glucose and Diabetes Risk: The Multi-Ethnic Study of Atherosclerosis (MESA). <i>PLoS ONE</i> , <b>2016</b> , 11, e0157252	3.7	8
36	Fibroblast Growth Factor-23 and Frailty in Elderly Community-Dwelling Individuals: The Cardiovascular Health Study. <i>Journal of the American Geriatrics Society</i> , <b>2016</b> , 64, 270-6	5.6	13
35	Optimized Protocol for Quantitative Multiple Reaction Monitoring-Based Proteomic Analysis of Formalin-Fixed, Paraffin-Embedded Tissues. <i>Journal of Proteome Research</i> , <b>2016</b> , 15, 2717-28	5.6	35
34	Comparison of Two ELISA Methods and Mass Spectrometry for Measurement of Vitamin D-Binding Protein: Implications for the Assessment of Bioavailable Vitamin D Concentrations Across Genotypes. <i>Journal of Bone and Mineral Research</i> , <b>2016</b> , 31, 1128-36	6.3	77
33	Thyroglobulin (Tg) Testing Revisited: Tg Assays, TgAb Assays, and Correlation of Results With Clinical Outcomes. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2015</b> , 100, E1074-83	5.6	90
32	Arginine deprivation and immune suppression in a mouse model of Alzheimer's disease. <i>Journal of Neuroscience</i> , <b>2015</b> , 35, 5969-82	6.6	118
31	Gestational urinary bisphenol A and maternal and newborn thyroid hormone concentrations: the HOME Study. <i>Environmental Research</i> , <b>2015</b> , 138, 453-60	7.9	84
30	Significance of serum 24,25-dihydroxyvitamin D in the assessment of vitamin D status: a double-edged sword?. <i>Clinical Chemistry</i> , <b>2015</b> , 61, 636-45	5.5	78
29	Vitamin D-Binding Protein Concentrations Quantified by Mass Spectrometry. <i>New England Journal of Medicine</i> , <b>2015</b> , 373, 1480-2	59.2	79
28	Structural Bone Deficits in HIV/HCV-Coinfected, HCV-Monoinfected, and HIV-Monoinfected Women. <i>Journal of Infectious Diseases</i> , <b>2015</b> , 212, 924-33	7	17
27	Plasma vitamin D is associated with fasting insulin and homeostatic model assessment of insulin resistance in young adult males, but not females, of the Jerusalem Perinatal Study. <i>Public Health Nutrition</i> , <b>2015</b> , 18, 1324-31	3.3	11
26	Association of 25-hydroxyvitamin D and parathyroid hormone with incident hypertension: MESA (Multi-Ethnic Study of Atherosclerosis). <i>Journal of the American College of Cardiology</i> , <b>2014</b> , 63, 1214-1222	15.1	62
25	From lost in translation to paradise found: enabling protein biomarker method transfer by mass spectrometry. <i>Clinical Chemistry</i> , <b>2014</b> , 60, 941-4	5.5	72
24	What is wrong with clinical proteomics?. <i>Clinical Chemistry</i> , <b>2014</b> , 60, 1258-66	5.5	20
23	Evaluation of matrix effects using a spike recovery approach in a dilute-and-inject liquid chromatography-tandem mass spectrometry opioid monitoring assay. <i>Clinica Chimica Acta</i> , <b>2014</b> , 437, 38-42	6.2	12

22	Lot-to-lot variations in a qualitative lateral-flow immunoassay for chronic pain drug monitoring. <i>Clinical Chemistry</i> , <b>2014</b> , 60, 896-7	5.5	5
21	Low serum bicarbonate and kidney function decline: the Multi-Ethnic Study of Atherosclerosis (MESA). <i>American Journal of Kidney Diseases</i> , <b>2014</b> , 64, 534-41	7.4	68
20	Fibroblast growth factor-23 and incident atrial fibrillation: the Multi-Ethnic Study of Atherosclerosis (MESA) and the Cardiovascular Health Study (CHS). <i>Circulation</i> , <b>2014</b> , 130, 298-307	16.7	101
19	CPTAC Assay Portal: a repository of targeted proteomic assays. <i>Nature Methods</i> , <b>2014</b> , 11, 703-4	21.6	113
18	Fibroblast growth factor-23 and cardiovascular disease in the general population: the Multi-Ethnic Study of Atherosclerosis. <i>Circulation: Heart Failure</i> , <b>2014</b> , 7, 409-17	7.6	103
17	Estimated GFR and circulating 24,25-dihydroxyvitamin D3 concentration: a participant-level analysis of 5 cohort studies and clinical trials. <i>American Journal of Kidney Diseases</i> , <b>2014</b> , 64, 187-97	7.4	50
16	Racial differences in the association of serum 25-hydroxyvitamin D concentration with coronary heart disease events. <i>JAMA - Journal of the American Medical Association</i> , <b>2013</b> , 310, 179-88	27.4	134
15	Clinical review: improving the measurement of serum thyroglobulin with mass spectrometry. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2013</b> , 98, 1343-52	5.6	84
14	Multiple-reaction monitoring-mass spectrometric assays can accurately measure the relative protein abundance in complex mixtures. <i>Clinical Chemistry</i> , <b>2012</b> , 58, 777-81	5.5	112
13	The serum 24,25-dihydroxyvitamin D concentration, a marker of vitamin D catabolism, is reduced in chronic kidney disease. <i>Kidney International</i> , <b>2012</b> , 82, 693-700	9.9	108
12	Characterizing antibody cross-reactivity for immunoaffinity purification of analytes prior to multiplexed liquid chromatography-tandem mass spectrometry. <i>Clinical Chemistry</i> , <b>2012</b> , 58, 1711-6	5.5	54
11	Quantification of 1,25-dihydroxy vitamin D by immunoextraction and liquid chromatography-tandem mass spectrometry. <i>Clinical Chemistry</i> , <b>2011</b> , 57, 1279-85	5.5	100
10	Painting a moving picture: large-scale proteomics efforts and their potential for changing patient care. <i>Clinical Chemistry</i> , <b>2011</b> , 57, 1357-60	5.5	5
9	Quantitative clinical proteomics by liquid chromatography-tandem mass spectrometry: assessing the platform. <i>Clinical Chemistry</i> , <b>2010</b> , 56, 161-4	5.5	42
8	A rubber transfer gasket to improve the throughput of liquid-liquid extraction in 96-well plates: application to vitamin D testing. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2010</b> , 878, 1639-42	3.2	38
7	The fundamental flaws of immunoassays and potential solutions using tandem mass spectrometry. <i>Journal of Immunological Methods</i> , <b>2009</b> , 347, 3-11	2.5	374
6	Lipoproteomics: using mass spectrometry-based proteomics to explore the assembly, structure, and function of lipoproteins. <i>Journal of Lipid Research</i> , <b>2009</b> , 50, 1967-75	6.3	65
5	Quantification of thyroglobulin, a low-abundance serum protein, by immunoaffinity peptide enrichment and tandem mass spectrometry. <i>Clinical Chemistry</i> , <b>2008</b> , 54, 1796-804	5.5	248



4	Use of serum and plasma glucose measurements as a benchmark for improved hospital-wide glycemic control. <i>Endocrine Practice</i> , <b>2008</b> , 14, 556-63	3.2	7
3	Online database for documenting clinical pathology resident education. <i>Clinical Chemistry</i> , <b>2007</b> , 53, 134-7	5.5	14
2	Phosphorylation-dependent changes in structure and dynamics in ERK2 detected by SDSL and EPR. <i>Biophysical Journal</i> , <b>2004</b> , 86, 395-403	2.9	21
1	Modeling deuterium exchange behavior of ERK2 using pepsin mapping to probe secondary structure. <i>Journal of the American Society for Mass Spectrometry</i> , <b>1999</b> , 10, 685-702	3.5	67