

Patrick J Twomey

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.

69

papers

859

citations

18

h-index

27

g-index

79

ext. papers

1,046

ext. citations

5.2

avg, IF

4.18

L-index

#	Paper	IF	Citations
69	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> , 2021 , 414, 1015	4.4	4
68	Letter: how frequently does COVID-19 mimic an IBD flare when community transmission of SARS-CoV-2 is active?. <i>Alimentary Pharmacology and Therapeutics</i> , 2021 , 53, 674-675	6.1	
67	High bone turnover and hyperparathyroidism after surgery for tumor-induced osteomalacia: A case series.. <i>Bone Reports</i> , 2021 , 15, 101142	2.6	0
66	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> , 2021 , 413, 5067-5084	4.4	6
65	Environmental causes of copper toxicity should not be forgotten in familial presentations. <i>Journal of Clinical Pathology</i> , 2021 , 74, 691	3.9	1
64	The effects of acute hyponatraemia on bone turnover in patients with subarachnoid haemorrhage: A preliminary report. <i>Clinical Endocrinology</i> , 2021 , 94, 616-624	3.4	0
63	Renal Phosphate Handling: Independent Effects of Circulating FGF23, PTH, and Calcium. <i>JBMR Plus</i> , 2021 , 5, e10437	3.9	4
62	Consider laboratory aspects in developing patient prediction models. <i>Nature Machine Intelligence</i> , 2021 , 3, 18-18	22.5	7
61	Interlaboratory comparison of 25-hydroxyvitamin D assays: Vitamin D Standardization Program (VDSP) Intercomparison Study 2 - Part 2 ligand binding assays - impact of 25-hydroxyvitamin D and 24R,25-dihydroxyvitamin D on assay performance. <i>Analytical and Bioanalytical Chemistry</i> , 2021 , 1	4.4	4
60	No effect of calcium and vitamin D intake on maternal blood pressure in a healthy pregnant population. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2021 , 264, 8-14	2.4	1
59	Clinical Implementation and Initial Experience of Neutrophil Gelatinase-Associated Lipocalin Testing for the Diagnostic and Prognostic Assessment of Acute Kidney Injury Events in Hospitalized Patients. <i>Nephron</i> , 2021 , 1-9	3.3	0
58	Anorexia Nervosa with Markedly High Bone Turnover and Hyperphosphatemia During Refeeding Rectified by Denosumab. <i>Osteoporosis International</i> , 2020 , 31, 1395-1398	5.3	3
57	The impact of diet, body composition, and physical activity on child bone mineral density at five years of age-findings from the ROLO Kids Study. <i>European Journal of Pediatrics</i> , 2020 , 179, 121-131	4.1	13
56	Obesity is common in chronic kidney disease and associates with greater antihypertensive usage and proteinuria: evidence from a cross-sectional study in a tertiary nephrology centre. <i>Clinical Obesity</i> , 2020 , 10, e12402	3.6	10
55	Parallel assessment of albuminuria and plasma sTNFR1 in people with type 2 diabetes and advanced chronic kidney disease provides accurate prognostication of the risks of renal decline and death. <i>Scientific Reports</i> , 2020 , 10, 14852	4.9	3
54	Commentary. <i>Clinical Chemistry</i> , 2019 , 65, 960	5.5	0
53	Blood pressure in pregnancy-A stress test for hypertension? Five-year, prospective, follow-up of the ROLO study. <i>Clinical Endocrinology</i> , 2019 , 91, 816-823	3.4	1

52	An exploratory analysis of associations of diet, sun exposure, and body composition with 25OHD at five years of age: Findings from the ROLO Kids Study. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019 , 188, 111-116	5.1	3
51	Roche serum folate assay restandardization: an estimate of the new reference interval. <i>Annals of Clinical Biochemistry</i> , 2019 , 56, 183-184	2.2	3
50	Laboratory trend in vitamin D status in Ireland: Dual concerns about low and high 25OHD. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019 , 186, 105-109	5.1	2
49	Congenital hypophosphataemia in adults: determinants of bone turnover markers and amelioration of renal phosphate wasting following total parathyroidectomy. <i>Journal of Bone and Mineral Metabolism</i> , 2019 , 37, 685-693	2.9	8
48	Opinion: redefining the role of the physician in laboratory medicine in the context of emerging technologies, personalised medicine and patient autonomy (SAP medicine). <i>Journal of Clinical Pathology</i> , 2019 , 72, 191-197	3.9	18
47	Both α_1 -antitrypsin Z phenotypes and low caeruloplasmin levels are over-represented in alcohol and nonalcoholic fatty liver disease cirrhotic patients undergoing liver transplant in Ireland. <i>European Journal of Gastroenterology and Hepatology</i> , 2018 , 30, 364-367	2.2	9
46	Validating the association between plasma tumour necrosis factor receptor 1 levels and the presence of renal injury and functional decline in patients with Type 2 diabetes. <i>Journal of Diabetes and Its Complications</i> , 2018 , 32, 95-99	3.2	8
45	Could accreditation bodies facilitate the implementation of medical guidelines in laboratories?. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017 , 55, 806-808	5.9	
44	Analytical performance specifications for external quality assessment - definitions and descriptions. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017 , 55, 949-955	5.9	31
43	Maternal and fetal blood lipid concentrations during pregnancy differ by maternal body mass index: findings from the ROLO study. <i>BMC Pregnancy and Childbirth</i> , 2017 , 17, 360	3.2	26
42	Why are clinical practice guidelines not followed?. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016 , 54, 1133-9	5.9	57
41	Maternal Blood Lipid Profile during Pregnancy and Associations with Child Adiposity: Findings from the ROLO Study. <i>PLoS ONE</i> , 2016 , 11, e0161206	3.7	51
40	Monitoring laboratory data across manufacturers and laboratories--A prerequisite to make "Big Data" work. <i>Clinica Chimica Acta</i> , 2015 , 445, 12-8	6.2	16
39	External quality assessment: best practice. <i>Journal of Clinical Pathology</i> , 2014 , 67, 651-5	3.9	19
38	A fresh look at analytical performance specifications from biological variation. <i>Clinica Chimica Acta</i> , 2013 , 421, 191-2	6.2	5
37	Daily and intermittent rosuvastatin 5 mg therapy in statin intolerant patients: an observational study. <i>Current Medical Research and Opinion</i> , 2012 , 28, 371-8	2.5	37
36	Analytical quality goals for 25-vitamin D based on biological variation. <i>Journal of Clinical Laboratory Analysis</i> , 2011 , 25, 130-3	3	25
35	Epidemiological studies are meaningless without proof of long-term data stability. <i>American Journal of Medicine</i> , 2008 , 121, e7; author reply e9-10	2.4	2

34	Analytical quality goals for parathyroid hormone based on biological variation. <i>Clinical Chemistry and Laboratory Medicine</i> , 2008 , 46, 1438-42	5.9	16
33	Targeted versus global approaches to the management of hypercholesterolaemia. <i>Perspectives in Public Health</i> , 2008 , 128, 248-54		3
32	Certainty in an Uncertain World - A CliniciansSViewpoint of Sensitivity and Precision. <i>Journal of Medical Biochemistry</i> , 2008 , 27, 135-138	1.9	
31	Introduction of automatically generated comment in clinical biochemistry: an audit of technical effectiveness. <i>British Journal of Biomedical Science</i> , 2008 , 65, 102-3	1.6	
30	The relationship between serum copper and ceruloplasmin in routine clinical practice. <i>International Journal of Clinical Practice</i> , 2008 , 62, 485-7	2.9	6
29	Non-ceruloplasmin-bound copper in routine clinical practice in different laboratories. <i>Journal of Trace Elements in Medicine and Biology</i> , 2008 , 22, 50-3	4.1	21
28	Percentage non-caeruloplasmin bound copper. <i>Clinical Biochemistry</i> , 2007 , 40, 749-50	3.5	9
27	Raised serum copper results does not mean excess body copper. <i>Journal of Trace Elements in Medicine and Biology</i> , 2007 , 21, 141	4.1	1
26	Implications of method specific creatinine adjustments on General Medical Services chronic kidney disease classification. <i>Journal of Clinical Pathology</i> , 2007 , 60, 1048-50	3.9	4
25	Limitations of transferability of absolute cut-points in non-standardised assays. <i>Journal of Clinical Pathology</i> , 2007 , 60, 584	3.9	6
24	Copper:caeruloplasmin ratio. <i>Journal of Clinical Pathology</i> , 2007 , 60, 441-2	3.9	22
23	Can we manage demand for allergy testing by restricting requests to a small number of prime target allergens?. <i>Annals of Clinical Biochemistry</i> , 2007 , 44, 467-70	2.2	
22	True or not: uncertainty of laboratory results. <i>Journal of Clinical Pathology</i> , 2007 , 60, 587-8	3.9	6
21	Comparison of estimated glomerular filtration rate with routine creatinine clearance using a kinetic alkaline picrate assay from Olympus Diagnostica. <i>Journal of Clinical Pathology</i> , 2007 , 60, 732-3	3.9	1
20	Using the single-compartment ratio model to calculate half-life, NT-proBNP as an example. <i>Clinica Chimica Acta</i> , 2007 , 380, 197-202	6.2	25
19	Care is needed when using serum sodium levels to predict survival for patients with advanced liver disease. <i>Gut</i> , 2007 , 56, 1799-800	19.2	
18	Prevalence of kidney disease and estimated GFR in routine practice. <i>Annals of Clinical Biochemistry</i> , 2006 , 43, 84-5; author reply 86-7	2.2	2
17	Errors in the assessment of estimated glomerular filtration rate. <i>Clinical Chemistry</i> , 2006 , 52, 153; author reply 155	5.5	4

16	Glycated haemoglobin (HbA1c) monitoring. <i>BMJ, The</i> , 2006 , 333, 586-8	5.9	31
15	How to use difference plots in quantitative method comparison studies. <i>Annals of Clinical Biochemistry</i> , 2006 , 43, 124-9	2.2	37
14	Estimated glomerular filtration rate needs UK consensus. <i>BMJ, The</i> , 2006 , 332, 794	5.9	1
13	Cardiovascular risk assessment. <i>Lancet, The</i> , 2005 , 365, 1305-6	4.0	2
12	Very low plasma copper levels do not automatically imply severe copper deficiency. <i>Annals of Clinical Biochemistry</i> , 2005 , 42, 405; author reply 405-6	2.2	5
11	Relationship between serum copper, ceruloplasmin, and non-ceruloplasmin-bound copper in routine clinical practice. <i>Clinical Chemistry</i> , 2005 , 51, 1558-9	5.5	87
10	Screening for cardiovascular disease. <i>European Heart Journal</i> , 2004 , 25, 996; author reply 996-7	9.5	1
9	Imprecision of cerebrospinal fluid net bilirubin absorbance. <i>Clinical Chemistry</i> , 2004 , 50, 1266-8	5.5	7
8	Biological variation in HbA1c predicts risk of retinopathy and nephropathy in type 1 diabetes. <i>Diabetes Care</i> , 2004 , 27, 2569-70	14.6	47
7	The number of unexpected HbA variants may be a greater problem in routine practice than is generally realized. <i>Diabetic Medicine</i> , 2004 , 21, 1041-4	3.5	9
6	Concordance evaluation of coronary risk scores: implications for cardiovascular risk screening. <i>Current Medical Research and Opinion</i> , 2004 , 20, 811-8	2.5	22
5	Accuracy of cardiovascular risk estimation. <i>Clinical Chemistry</i> , 2003 , 49, 706-7	5.5	
4	Issues to consider when attempting to achieve the American Diabetes Association clinical quality requirement for haemoglobin A1c. <i>Current Medical Research and Opinion</i> , 2003 , 19, 719-23	2.5	22
3	Prevalence and treatment of hypercholesterolaemia in patients with peripheral vascular disease. <i>British Journal of Surgery</i> , 2002 , 87, 491-491	5.3	1
2	Accuracy of cardiovascular risk estimation for primary prevention in patients without diabetes. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2002 , 9, 183-90		25
1	. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2002 , 9, 183-190		57