

# Patrick J Twomey

## List of Publications by Citations

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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	Relationship between serum copper, ceruloplasmin, and non-ceruloplasmin-bound copper in routine clinical practice. <i>Clinical Chemistry</i> , <b>2005</b> , 51, 1558-9	5.5	87
68	Why are clinical practice guidelines not followed?. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2016</b> , 54, 1133-9	5.9	57
67	. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , <b>2002</b> , 9, 183-190		57
66	Maternal Blood Lipid Profile during Pregnancy and Associations with Child Adiposity: Findings from the ROLO Study. <i>PLoS ONE</i> , <b>2016</b> , 11, e0161206	3.7	51
65	Biological variation in HbA1c predicts risk of retinopathy and nephropathy in type 1 diabetes. <i>Diabetes Care</i> , <b>2004</b> , 27, 2569-70	14.6	47
64	Daily and intermittent rosuvastatin 5 mg therapy in statin intolerant patients: an observational study. <i>Current Medical Research and Opinion</i> , <b>2012</b> , 28, 371-8	2.5	37
63	How to use difference plots in quantitative method comparison studies. <i>Annals of Clinical Biochemistry</i> , <b>2006</b> , 43, 124-9	2.2	37
62	Analytical performance specifications for external quality assessment - definitions and descriptions. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2017</b> , 55, 949-955	5.9	31
61	Glycated haemoglobin (HbA1c) monitoring. <i>BMJ, The</i> , <b>2006</b> , 333, 586-8	5.9	31
60	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> , <b>2017</b> , 17, 360	3.2	26
59	Analytical quality goals for 25-vitamin D based on biological variation. <i>Journal of Clinical Laboratory Analysis</i> , <b>2011</b> , 25, 130-3	3	25
58	Using the single-compartment ratio model to calculate half-life, NT-proBNP as an example. <i>Clinica Chimica Acta</i> , <b>2007</b> , 380, 197-202	6.2	25
57	Accuracy of cardiovascular risk estimation for primary prevention in patients without diabetes. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , <b>2002</b> , 9, 183-90		25
56	Copper:ceruloplasmin ratio. <i>Journal of Clinical Pathology</i> , <b>2007</b> , 60, 441-2	3.9	22
55	Concordance evaluation of coronary risk scores: implications for cardiovascular risk screening. <i>Current Medical Research and Opinion</i> , <b>2004</b> , 20, 811-8	2.5	22
54	Issues to consider when attempting to achieve the American Diabetes Association clinical quality requirement for haemoglobin A1c. <i>Current Medical Research and Opinion</i> , <b>2003</b> , 19, 719-23	2.5	22
53	Non-ceruloplasmin-bound copper in routine clinical practice in different laboratories. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2008</b> , 22, 50-3	4.1	21

52	External quality assessment: best practice. <i>Journal of Clinical Pathology</i> , <b>2014</b> , 67, 651-5	3.9	19
51	Opinion: redefining the role of the physician in laboratory medicine in the context of emerging technologies, personalised medicine and patient autonomy (S&P medicine). <i>Journal of Clinical Pathology</i> , <b>2019</b> , 72, 191-197	3.9	18
50	Monitoring laboratory data across manufacturers and laboratories--A prerequisite to make "Big Data" work. <i>Clinica Chimica Acta</i> , <b>2015</b> , 445, 12-8	6.2	16
49	Analytical quality goals for parathyroid hormone based on biological variation. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2008</b> , 46, 1438-42	5.9	16
48	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> , <b>2020</b> , 179, 121-131	4.1	13
47	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> , <b>2020</b> , 10, e12402	3.6	10
46	Both $\alpha_1$ -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> , <b>2018</b> , 30, 364-367	2.2	9
45	Percentage non-caeruloplasmin bound copper. <i>Clinical Biochemistry</i> , <b>2007</b> , 40, 749-50	3.5	9
44	The number of unexpected HbA variants may be a greater problem in routine practice than is generally realized. <i>Diabetic Medicine</i> , <b>2004</b> , 21, 1041-4	3.5	9
43	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> , <b>2018</b> , 32, 95-99	3.2	8
42	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> , <b>2019</b> , 37, 685-693	2.9	8
41	Imprecision of cerebrospinal fluid net bilirubin absorbance. <i>Clinical Chemistry</i> , <b>2004</b> , 50, 1266-8	5.5	7
40	Consider laboratory aspects in developing patient prediction models. <i>Nature Machine Intelligence</i> , <b>2021</b> , 3, 18-18	22.5	7
39	The relationship between serum copper and ceruloplasmin in routine clinical practice. <i>International Journal of Clinical Practice</i> , <b>2008</b> , 62, 485-7	2.9	6
38	Limitations of transferability of absolute cut-points in non-standardised assays. <i>Journal of Clinical Pathology</i> , <b>2007</b> , 60, 584	3.9	6
37	True or not: uncertainty of laboratory results. <i>Journal of Clinical Pathology</i> , <b>2007</b> , 60, 587-8	3.9	6
36	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
35	A fresh look at analytical performance specifications from biological variation. <i>Clinica Chimica Acta</i> , <b>2013</b> , 421, 191-2	6.2	5

34	Very low plasma copper levels do not automatically imply severe copper deficiency. <i>Annals of Clinical Biochemistry</i> , <b>2005</b> , 42, 405; author reply 405-6	2.2	5
33	Implications of method specific creatinine adjustments on General Medical Services chronic kidney disease classification. <i>Journal of Clinical Pathology</i> , <b>2007</b> , 60, 1048-50	3.9	4
32	Errors in the assessment of estimated glomerular filtration rate. <i>Clinical Chemistry</i> , <b>2006</b> , 52, 153; author reply 155	5.5	4
31	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
30	Renal Phosphate Handling: Independent Effects of Circulating FGF23, PTH, and Calcium. <i>JBMR Plus</i> , <b>2021</b> , 5, e10437	3.9	4
29	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> , <b>2021</b> , 1	4.4	4
28	Anorexia Nervosa with Markedly High Bone Turnover and Hyperphosphatemia During Refeeding Rectified by Denosumab. <i>Osteoporosis International</i> , <b>2020</b> , 31, 1395-1398	5.3	3
27	Targeted versus global approaches to the management of hypercholesterolaemia. <i>Perspectives in Public Health</i> , <b>2008</b> , 128, 248-54		3
26	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> , <b>2020</b> , 10, 14852	4.9	3
25	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> , <b>2019</b> , 188, 111-116	5.1	3
24	Roche serum folate assay restandardization: an estimate of the new reference interval. <i>Annals of Clinical Biochemistry</i> , <b>2019</b> , 56, 183-184	2.2	3
23	Epidemiological studies are meaningless without proof of long-term data stability. <i>American Journal of Medicine</i> , <b>2008</b> , 121, e7; author reply e9-10	2.4	2
22	Prevalence of kidney disease and estimated GFR in routine practice. <i>Annals of Clinical Biochemistry</i> , <b>2006</b> , 43, 84-5; author reply 86-7	2.2	2
21	Cardiovascular risk assessment. <i>Lancet, The</i> , <b>2005</b> , 365, 1305-6	4.0	2
20	Laboratory trend in vitamin D status in Ireland: Dual concerns about low and high 25OHD. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2019</b> , 186, 105-109	5.1	2
19	Blood pressure in pregnancy-A stress test for hypertension? Five-year, prospective, follow-up of the ROLO study. <i>Clinical Endocrinology</i> , <b>2019</b> , 91, 816-823	3.4	1
18	Raised serum copper results does not mean excess body copper. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2007</b> , 21, 141	4.1	1
17	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> , <b>2007</b> , 60, 732-3	3.9	1

16	Screening for cardiovascular disease. <i>European Heart Journal</i> , <b>2004</b> , 25, 996; author reply 996-7	9.5	1
15	Prevalence and treatment of hypercholesterolaemia in patients with peripheral vascular disease. <i>British Journal of Surgery</i> , <b>2002</b> , 87, 491-491	5.3	1
14	Estimated glomerular filtration rate needs UK consensus. <i>BMJ, The</i> , <b>2006</b> , 332, 794	5.9	1
13	Environmental causes of copper toxicity should not be forgotten in familial presentations. <i>Journal of Clinical Pathology</i> , <b>2021</b> , 74, 691	3.9	1
12	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> , <b>2021</b> , 264, 8-14	2.4	1
11	Commentary. <i>Clinical Chemistry</i> , <b>2019</b> , 65, 960	5.5	0
10	High bone turnover and hyperparathyroidism after surgery for tumor-induced osteomalacia: A case series.. <i>Bone Reports</i> , <b>2021</b> , 15, 101142	2.6	0
9	The effects of acute hyponatraemia on bone turnover in patients with subarachnoid haemorrhage: A preliminary report. <i>Clinical Endocrinology</i> , <b>2021</b> , 94, 616-624	3.4	0
8	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> , <b>2021</b> , 1-9	3.3	0
7	Could accreditation bodies facilitate the implementation of medical guidelines in laboratories?. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2017</b> , 55, 806-808	5.9	
6	Certainty in an Uncertain World - A CliniciansSVIEWpoint of Sensitivity and Precision. <i>Journal of Medical Biochemistry</i> , <b>2008</b> , 27, 135-138	1.9	
5	Introduction of automatically generated comment in clinical biochemistry: an audit of technical effectiveness. <i>British Journal of Biomedical Science</i> , <b>2008</b> , 65, 102-3	1.6	
4	Can we manage demand for allergy testing by restricting requests to a small number of prime target allergens?. <i>Annals of Clinical Biochemistry</i> , <b>2007</b> , 44, 467-70	2.2	
3	Accuracy of cardiovascular risk estimation. <i>Clinical Chemistry</i> , <b>2003</b> , 49, 706-7	5.5	
2	Care is needed when using serum sodium levels to predict survival for patients with advanced liver disease. <i>Gut</i> , <b>2007</b> , 56, 1799-800	19.2	
1	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> , <b>2021</b> , 53, 674-675	6.1	