# Patrick J Twomey

List of Publications by Year
in descending order

| 78 papers | 1,245 citations | 361045<br>20 h-index | 395343<br>33 g-index |
|---|---|---|---|
| 79 all docs | 79 docs citations | 79 times ranked | 1594 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Why are clinical practice guidelines not followed?. Clinical Chemistry and Laboratory Medicine, 2016, 54, 1133-1139. | 1.4 | 113 |
| 2 | Relationship between Serum Copper, Ceruloplasmin, and Non–Ceruloplasmin-Bound Copper in Routine Clinical Practice. Clinical Chemistry, 2005, 51, 1558-1559. | 1.5 | 111 |
| 3 | Maternal Blood Lipid Profile during Pregnancy and Associations with Child Adiposity: Findings from the ROLO Study. PLoS ONE, 2016, 11, e0161206. | 1.1 | 76 |
| 4 | Title is missing!. European Journal of Cardiovascular Prevention and Rehabilitation, 2002, 9, 183-190. | 1.5 | 65 |
| 5 | Biological Variation in HbA1c Predicts Risk of Retinopathy and Nephropathy in Type 1 Diabetes: Response to McCarter et al.. Diabetes Care, 2004, 27, 2569-2569. | 4.3 | 65 |
| 6 | How to use difference plots in quantitative method comparison studies. Annals of Clinical Biochemistry, 2006, 43, 124-129. | 0.8 | 49 |
| 7 | Analytical performance specifications for external quality assessment – definitions and descriptions. Clinical Chemistry and Laboratory Medicine, 2017, 55, 949-955. | 1.4 | 46 |
| 8 | Daily and intermittent rosuvastatin 5‰mg therapy in statin intolerant patients: an observational study. Current Medical Research and Opinion, 2012, 28, 371-378. | 0.9 | 45 |
| 9 | Maternal and fetal blood lipid concentrations during pregnancy differ by maternal body mass index: findings from the ROLO study. BMC Pregnancy and Childbirth, 2017, 17, 360. | 0.9 | 42 |
| 10 | Opinion: redefining the role of the physician in laboratory medicine in the context of emerging technologies, personalised medicine and patient autonomy ('4P medicine'). Journal of Clinical Pathology, 2019, 72, 191-197. | 1.0 | 36 |
| 11 | Glycated haemoglobin (HbA 1c ) monitoring. BMJ: British Medical Journal, 2006, 333, 586-588. | 2.4 | 34 |
| 12 | Non-ceruloplasmin-bound copper in routine clinical practice in different laboratories. Journal of Trace Elements in Medicine and Biology, 2008, 22, 50-53. | 1.5 | 34 |
| 13 | Accuracy of Cardiovascular Risk Estimation for Primary Prevention in Patients Without Diabetes. European Journal of Cardiovascular Prevention and Rehabilitation, 2002, 9, 183-190. | 3.1 | 33 |
| 14 | External quality assessment: best practice. Journal of Clinical Pathology, 2014, 67, 651-655. | 1.0 | 32 |
| 15 | Using the single-compartment ratio model to calculate half-life, NT-proBNP as an example. Clinica Chimica Acta, 2007, 380, 197-202. | 0.5 | 30 |
| 16 | Copper:caeruloplasmin ratio. Journal of Clinical Pathology, 2006, 60, 441-442. | 1.0 | 28 |
| 17 | Analytical quality goals for 25€vitamin D based on biological variation. Journal of Clinical Laboratory Analysis, 2011, 25, 130-133. | 0.9 | 28 |
| 18 | Concordance evaluation of coronary risk scores: implications for cardiovascular risk screening. Current Medical Research and Opinion, 2004, 20, 811-818. | 0.9 | 24 |

| # | ARTICLE | IF | CITATIONS |
|---|---------|----|-----------| 
| 19 | Issues to consider when attempting to achieve the American Diabetes Association clinical quality requirement for haemoglobin A1c. Current Medical Research and Opinion, 2003, 19, 719-723. | 0.9 | 22 |
| 20 | Analytical quality goals for parathyroid hormone based on biological variation. Clinical Chemistry and Laboratory Medicine, 2008, 46, 1438-42. | 1.4 | 22 |
| 21 | Monitoring laboratory data across manufacturers and laboratoriesâ€"A prerequisite to make â€œBig Dataâ€•work. Clinica Chimica Acta, 2015, 445, 12-18. | 0.5 | 20 |
| 22 | The impact of diet, body composition, and physical activity on child bone mineral density at five years of ageâ€"findings from the ROLO Kids Study. European Journal of Pediatrics, 2020, 179, 121-131. | 1.3 | 18 |
| 23 | Obesity is common in chronic kidney disease and associates with greater antihypertensive usage and proteinuria: evidence from a crossâ€sectional study in a tertiary nephrology centre. Clinical Obesity, 2020, 10, e12402. | 1.1 | 17 |
| 24 | Interlaboratory comparison of 25-hydroxyvitamin D assays: Vitamin D Standardization Program (VDSP) Intercomparison Study 2 â€" Part 2 ligand binding assays â€" impact of 25-hydroxyvitamin D2 and 24R,25-dihydroxyvitamin D3 on assay performance. Analytical and Bioanalytical Chemistry, 2022, 414, 351-366. | 1.9 | 17 |
| 25 | Both Î±-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. European Journal of Gastroenterology and Hepatology, 2018, 30, 364-367. | 0.8 | 15 |
| 26 | Percentage non-caeruloplasmin bound copper. Clinical Biochemistry, 2007, 40, 749-750. | 0.8 | 14 |
| 27 | 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. Journal of Diabetes and Its Complications, 2018, 32, 95-99. | 1.2 | 13 |
| 28 | 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. Analytical and Bioanalytical Chemistry, 2021, 413, 5067-5084. | 1.9 | 13 |
| 29 | Congenital hypophosphataemia in adults: determinants of bone turnover markers and amelioration of renal phosphate wasting following total parathyroidectomy. Journal of Bone and Mineral Metabolism, 2019, 37, 685-693. | 1.3 | 12 |
| 30 | The number of unexpected HbA1c variants may be a greater problem in routine practice than is generally realized. Diabetic Medicine, 2004, 21, 1041-1044. | 1.2 | 10 |
| 31 | Renal Phosphate Handling: Independent Effects of Circulating <scp>FGF23</scp>, <scp>PTH</scp>, and Calcium. JBMR Plus, 2021, 5, e10437. | 1.3 | 10 |
| 32 | The relationship between serum copper and ceruloplasmin in routine clinical practice. International Journal of Clinical Practice, 2008, 62, 485-487. | 0.8 | 9 |
| 33 | Limitations of transferability of absolute cut-points in non-standardised assays. Journal of Clinical Pathology, 2006, 60, 584-584. | 1.0 | 8 |
| 34 | 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. Journal of Steroid Biochemistry and Molecular Biology, 2019, 188, 111-116. | 1.2 | 8 |
| 35 | Laboratory trend in vitamin D status in Ireland: Dual concerns about low and high 25OHD. Journal of Steroid Biochemistry and Molecular Biology, 2019, 186, 105-109. | 1.2 | 8 |
| 36 | Consider laboratory aspects in developing patient prediction models. Nature Machine Intelligence, 2021, 3, 18-18. | 8.3 | 8 |

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| 37 | Assessment of serum total 25-hydroxyvitamin D assays for Vitamin D External Quality Assessment Scheme (DEQAS) materials distributed at ambient and frozen conditions. Analytical and Bioanalytical Chemistry, 2022, 414, 1015-1028. | 1.9 | 8 |
| 38 | Imprecision of Cerebrospinal Fluid Net Bilirubin Absorbance. Clinical Chemistry, 2004, 50, 1266-1268. | 1.5 | 7 |
| 39 | No effect of calcium and vitamin D intake on maternal blood pressure in a healthy pregnant population. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2021, 264, 8-14. | 0.5 | 7 |
| 40 | Implications of method specific creatinine adjustments on General Medical Services chronic kidney disease classification. Journal of Clinical Pathology, 2006, 60, 1048-1050. | 1.0 | 6 |
| 41 | True or not: uncertainty of laboratory results. Journal of Clinical Pathology, 2007, 60, 587-588. | 1.0 | 6 |
| 42 | Targeted versus global approaches to the management of hypercholesterolaemia. Perspectives in Public Health, 2008, 128, 248-254. | 0.5 | 6 |
| 43 | 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. Scientific Reports, 2020, 10, 14852. | 1.6 | 6 |
| 44 | Anorexia Nervosa with Markedly High Bone Turnover and Hyperphosphatemia During Refeeding Rectified by Denosumab. Osteoporosis International, 2020, 31, 1395-1398. | 1.3 | 6 |
| 45 | High bone turnover and hyperparathyroidism after surgery for tumor-induced osteomalacia: A case series. Bone Reports, 2021, 15, 101142. | 0.2 | 6 |
| 46 | Very low plasma copper levels do not automatically imply severe copper deficiency. Annals of Clinical Biochemistry, 2005, 42, 405-405. | 0.8 | 5 |
| 47 | A fresh look at analytical performance specifications from biological variation. Clinica Chimica Acta, 2013, 421, 191-192. | 0.5 | 5 |
| 48 | Roche serum folate assay restandardization: an estimate of the new reference interval. Annals of Clinical Biochemistry, 2019, 56, 183-184. | 0.8 | 5 |
| 49 | The effects of acute hyponatraemia on bone turnover in patients with subarachnoid haemorrhage: A preliminary report. Clinical Endocrinology, 2021, 94, 616-624. | 1.2 | 5 |
| 50 | Errors in the Assessment of Estimated Glomerular Filtration Rate. Clinical Chemistry, 2006, 52, 153-153. | 1.5 | 4 |
| 51 | Challenges in molecular diagnosis of Wilson disease. Journal of Clinical Pathology, 2020, 73, 181-182. | 1.0 | 4 |
| 52 | Cardiovascular risk assessment. Lancet, The, 2005, 365, 1305-1306. | 6.3 | 3 |
| 53 | Prevalence of kidney disease and estimated GFR in routine practice. Annals of Clinical Biochemistry, 2006, 43, 84-85. | 0.8 | 3 |
| 54 | Blood pressure in pregnancyâ€"A stress test for hypertension? Fiveâ€year, prospective, followâ€up of the ROLO study. Clinical Endocrinology, 2019, 91, 816-823. | 1.2 | 3 |

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|---|---------|----|-----------|
| 55 | 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. Nephron, 2022, 146, 306-314. | 0.9 | 3 |
| 56 | Epidemiological Studies Are Meaningless without Proof of Long-Term Data Stability. American Journal of Medicine, 2008, 121, e7. | 0.6 | 2 |
| 57 | Environmental causes of copper toxicity should not be forgotten in familial presentations. Journal of Clinical Pathology, 2021, 74, 691-691. | 1.0 | 2 |
| 58 | Prevalence and treatment of hypercholesterolaemia in patients with peripheral vascular disease. British Journal of Surgery, 2002, 87, 491-491. | 0.1 | 1 |
| 59 | Screening for cardiovascular disease. European Heart Journal, 2004, 25, 996. | 1.0 | 1 |
| 60 | Comparison of estimated glomerular filtration rate with routine creatinine clearance using a kinetic alkaline picrate assay from Olympus Diagnostica. Journal of Clinical Pathology, 2007, 60, 732-733. | 1.0 | 1 |
| 61 | Raised serum copper results does not mean excess body copper. Journal of Trace Elements in Medicine and Biology, 2007, 21, 141. | 1.5 | 1 |
| 62 | Introduction of automatically generated comment in clinical biochemistry: an audit of technical effectiveness. British Journal of Biomedical Science, 2008, 65, 102-103. | 1.2 | 1 |
| 63 | Commentary. Clinical Chemistry, 2019, 65, 960-960. | 1.5 | 1 |
| 64 | The role of the Clinical Chemistry laboratory in facilitating earlier diagnosis of dyslipidaemia-associated inherited metabolic disease. Journal of Clinical Pathology, 2020, 73, 363-365. | 1.0 | 1 |
| 65 | Estimated glomerular filtration rate needs UK consensus. BMJ: British Medical Journal, 2006, 332, 794.1. | 2.4 | 1 |
| 66 | Accuracy of Cardiovascular Risk Estimation. Clinical Chemistry, 2003, 49, 706-707. | 1.5 | 0 |
| 67 | Can we manage demand for allergy testing by restricting requests to a small number of prime target allergens?. Annals of Clinical Biochemistry, 2007, 44, 467-470. | 0.8 | 0 |
| 68 | Certainty in an Uncertain World - A Clinicians' Viewpoint of Sensitivity and Precision. Journal of Medical Biochemistry, 2008, 27, 135-138. | 0.7 | 0 |
| 69 | Significant hypertriglyceridaemia and HDL cholesterol assays. Annals of Clinical Biochemistry, 2016, 53, 623-624. | 0.8 | 0 |
| 70 | Could accreditation bodies facilitate the implementation of medical guidelines in laboratories?. Clinical Chemistry and Laboratory Medicine, 2017, 55, 806-808. | 1.4 | 0 |
| 71 | No abdominal pain, no lipase. International Journal of Clinical Practice, 2019, 73, e13412. | 0.8 | 0 |
| 72 | Circulating PTHrP measurement in the assessment of severe hypercalcaemia in an infant. Journal of Clinical Pathology, 2021, 74, 358-358. | 1.0 | 0 |

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|---|---------|----|-----------|
| 73 | Type 2 diabetes patient with muscle aches on statin therapy. Primary Care Cardiovascular Journal, 2010, 3, . | 0.1 | 0 |
| 74 | Biochemical investigation of rheumatic diseases. , 2013, , 451-456. | | 0 |
| 75 | Care is needed when using serum sodium levels to predict survival for patients with advanced liver disease. Gut, 2007, 56, 1799-800. | 6.1 | 0 |
| 76 | Letter: how frequently does COVID-19 mimic an IBD flare when community transmission of SARS-CoV-2 is active?. Alimentary Pharmacology and Therapeutics, 2021, 53, 674-675. | 1.9 | 0 |
| 77 | Use of coronary calcification scores to predict coronary heart disease. JAMA - Journal of the American Medical Association, 2004, 291, 1831; author reply 1832-3. | 3.8 | 0 |
| 78 | Adrenal insufficiency: a commentary. Journal of Clinical Pathology, 2022, 75, 433-434. | 1.0 | 0 |