

Ronda F Greaves

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.

78
papers

1,144
citations

19
h-index

30
g-index

84
ext. papers

1,359
ext. citations

4.3
avg, IF

4.59
L-index

#	Paper	IF	Citations
78	The relevance of sweat testing for the diagnosis of cystic fibrosis in the genomic era. <i>Clinical Biochemist Reviews</i> , 2005 , 26, 135-53	7.3	65
77	Advantages and Challenges of Dried Blood Spot Analysis by Mass Spectrometry Across the Total Testing Process. <i>Electronic Journal of the International Federation of Clinical Chemistry and Laboratory Medicine</i> , 2016 , 27, 288-317	2.4	60
76	Steroid hormone analysis in diagnosis and treatment of DSD: position paper of EU COST Action BM 1303 DSDnetT <i>European Journal of Endocrinology</i> , 2017 , 176, P1-P9	6.5	56
75	Vitamin B1 in critically ill patients: needs and challenges. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017 , 55, 1652-1668	5.9	55
74	Diagnosis of cystic fibrosis by sweat testing: age-specific reference intervals. <i>Journal of Pediatrics</i> , 2008 , 153, 758-63	3.6	55
73	Sixty-five years since the New York heat wave: advances in sweat testing for cystic fibrosis. <i>Pediatric Pulmonology</i> , 2014 , 49, 106-17	3.5	48
72	Fat-Soluble Vitamins: Clinical Indications and Current Challenges for Chromatographic Measurement. <i>Clinical Biochemist Reviews</i> , 2016 , 37, 27-47	7.3	42
71	Doping in sport and exercise: anabolic, ergogenic, health and clinical issues. <i>Annals of Clinical Biochemistry</i> , 2016 , 53, 196-221	2.2	38
70	A simultaneous quantitative method for vitamins A, D and E in human serum using liquid chromatography-tandem mass spectrometry. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016 , 159, 41-53	5.1	37
69	Key questions about the future of laboratory medicine in the next decade of the 21st century: A report from the IFCC-Emerging Technologies Division. <i>Clinica Chimica Acta</i> , 2019 , 495, 570-589	6.2	32
68	Luteinizing hormone and follicle-stimulating hormone levels in extreme prematurity: development of reference intervals. <i>Pediatrics</i> , 2008 , 121, e574-80	7.4	30
67	VITALITY trial: protocol for a randomised controlled trial to establish the role of postnatal vitamin D supplementation in infant immune health. <i>BMJ Open</i> , 2015 , 5, e009377	3	27
66	A guide to understanding the steroid pathway: new insights and diagnostic implications. <i>Clinical Biochemistry</i> , 2014 , 47, 5-15	3.5	25
65	The limitations of sweat electrolyte reference intervals for the diagnosis of cystic fibrosis: a systematic review. <i>Clinical Biochemist Reviews</i> , 2007 , 28, 60-76	7.3	25
64	A tale of two steroids: The importance of the androgens DHEA and DHEAS for early neurodevelopment. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019 , 188, 77-85	5.1	24
63	A guide to harmonisation and standardisation of measurands determined by liquid chromatography - tandem mass spectrometry in routine clinical biochemistry. <i>Clinical Biochemist Reviews</i> , 2012 , 33, 123-32	7.3	22
62	Laboratory medicine best practice guideline: vitamins a, e and the carotenoids in blood. <i>Clinical Biochemist Reviews</i> , 2014 , 35, 81-113	7.3	21

61	Hormone modeling in preterm neonates: establishment of pituitary and steroid hormone reference intervals. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, 1097-103	5.6	20
60	A simple high-pressure liquid chromatography cotinine assay: validation of smoking status in pregnant women. <i>Annals of Clinical Biochemistry</i> , 2001 , 38, 333-8	2.2	20
59	Establishment of hormone reference intervals for infants born Clinical Biochemistry, 2014 , 47, 101-8	3.5	19
58	Genetic analysis of the SRD5A2 gene in Indian patients with 5alpha-reductase deficiency. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2009 , 22, 247-54	1.6	18
57	Transient anomalies in genital appearance in some extremely preterm female infants may be the result of foetal programming causing a surge in LH and the over activation of the pituitary-gonadal axis. <i>Clinical Endocrinology</i> , 2008 , 69, 763-8	3.4	18
56	Fasting ghrelin levels are not elevated in children with hypothalamic obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005 , 90, 2691-5	5.6	18
55	Vitamin B1 and B6 method harmonization: comparison of performance between laboratories enrolled in the RCPA Quality Assurance Program. <i>Clinical Biochemistry</i> , 2013 , 46, 772-6	3.5	17
54	Australian guidelines for the performance of the sweat test for the diagnosis of cystic fibrosis: report from the AACB Sweat Testing Working Party. <i>Clinical Biochemist Reviews</i> , 2006 , 27, S1-7	7.3	17
53	Systematic review of serum steroid reference intervals developed using mass spectrometry. <i>Clinical Biochemistry</i> , 2017 , 50, 1260-1274	3.5	16
52	Total intra-individual variation in sweat sodium and chloride concentrations for the diagnosis of cystic fibrosis. <i>Clinica Chimica Acta</i> , 2008 , 393, 128-9	6.2	16
51	Genital abnormalities mimicking congenital adrenal hyperplasia in premature infants. <i>Journal of Paediatrics and Child Health</i> , 2004 , 40, 233-6	1.3	16
50	Practical application of biological variation and Sigma metrics quality models to evaluate 20 chemistry analytes on the Beckman Coulter AU680. <i>Clinical Biochemistry</i> , 2016 , 49, 1259-1266	3.5	15
49	Development of a new biochemical test to diagnose and monitor neuroblastoma in Vietnam: homovanillic and vanillylmandelic acid by gas chromatography-mass spectrometry. <i>Clinical Biochemistry</i> , 2014 , 47, 206-15	3.5	15
48	Are vitamins A and D important in the development of food allergy and how are they best measured?. <i>Clinical Biochemistry</i> , 2014 , 47, 804-11	3.5	15
47	Serum vitamin A and E analysis: comparison of methods between laboratories enrolled in an external quality assurance programme. <i>Annals of Clinical Biochemistry</i> , 2010 , 47, 78-80	2.2	14
46	Metabolic treatment of pregnancy and postdelivery period in a patient with cobalamin A disease. <i>American Journal of Obstetrics and Gynecology</i> , 2002 , 187, 225-6	6.4	14
45	Comparison of three commercial calibrators for alpha-tocopherol using liquid chromatography-tandem mass spectrometry. <i>Clinical Biochemistry</i> , 2013 , 46, 1884-8	3.5	12
44	Haemoglobin A1c: evaluation of three point of care analysers for use in a paediatric diabetes clinic. <i>Annals of Clinical Biochemistry</i> , 2005 , 42, 124-9	2.2	12

43	The central role of external quality assurance in harmonisation and standardisation for laboratory medicine. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017 , 55, 471-473	5.9	11
42	A hot topic for health: Results of the Global Sauna Survey. <i>Complementary Therapies in Medicine</i> , 2019 , 44, 223-234	3.5	11
41	Vitamins D and A can be successfully measured by LC-MS/MS in cord blood diluted plasma. <i>Clinical Biochemistry</i> , 2015 , 48, 1105-12	3.5	11
40	DHEA in Prenatal and Postnatal Life: Implications for Brain and Behavior. <i>Vitamins and Hormones</i> , 2018 , 108, 145-174	2.5	11
39	Achievements and Future Directions of the APFCB Mass Spectrometry Harmonisation Project on Serum Testosterone. <i>Clinical Biochemist Reviews</i> , 2016 , 37, 63-84	7.3	11
38	Analyte stability during the total testing process: studies of vitamins A, D and E by LC-MS/MS. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016 , 54, 1609-18	5.9	11
37	A candidate reference method using ICP-MS for sweat chloride quantification. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016 , 54, 561-7	5.9	10
36	Sweat testing for cystic fibrosis: standards of performance in Australasia. <i>Annals of Clinical Biochemistry</i> , 2009 , 46, 332-7	2.2	10
35	Australasian Guideline (2nd Edition): an Annex to the CLSI and UK Guidelines for the Performance of the Sweat Test for the Diagnosis of Cystic Fibrosis. <i>Clinical Biochemist Reviews</i> , 2017 , 38, 115-130	7.3	10
34	Vitamin C measurement in critical illness: challenges, methodologies and quality improvements. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, 460-470	5.9	10
33	Pharmacokinetic data support 6-hourly dosing of intravenous vitamin C to critically ill patients with septic shock. <i>Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine</i> , 2019 , 21, 236-42	2.8	9
32	Harmonisation of serum dihydrotestosterone analysis: establishment of an external quality assurance program. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017 , 55, 522-529	5.9	8
31	Current state and recommendations for harmonization of serum/plasma 17-hydroxyprogesterone mass spectrometry methods. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018 , 56, 1685-1697	5.9	7
30	The application of glucose point of care testing in three metropolitan hospitals. <i>Pathology</i> , 2016 , 48, 51-9	1.6	6
29	External quality assurance target setting with NIST SRM 968d material: performance in the 2010 Royal College of Pathologists of Australasia Quality Assurance Program with retinol, Tocopherol and Carotene. <i>Annals of Clinical Biochemistry</i> , 2011 , 48, 480-2	2.2	6
28	Abnormal Laboratory Results: Interpreting paediatric biochemistry results. <i>Australian Prescriber</i> , 2005 , 28, 126-129	1.4	6
27	High Postnatal Growth Hormone Levels Are Related to Cognitive Deficits in a Group of Children Born Very Preterm. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, 2709-17	5.6	5
26	Laboratory performance of sweat conductivity for the screening of cystic fibrosis. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018 , 56, 554-559	5.9	4

25	Hormone profiles in extremely preterm infants. <i>Clinical Biochemistry</i> , 2014 , 47, 744-6	3.5	3
24	11beta-hydroxylase deficiency masked by alternative medicines. <i>Journal of Paediatrics and Child Health</i> , 2006 , 42, 652-4	1.3	3
23	Candidate reference method for determination of vitamin D from dried blood spot samples. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, 817-827	5.9	3
22	Mechanism of bilirubin elimination in urine: insights and prospects for neonatal jaundice. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021 , 59, 1025-1033	5.9	3
21	Newborn bloodspot screening in the time of COVID-19. <i>Genetics in Medicine</i> , 2021 , 23, 1143-1150	8.1	3
20	Influence of isotopically labeled internal standards on quantification of serum/plasma 17βhydroxyprogesterone (17OHP) by liquid chromatography mass spectrometry. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, 1731-1739	5.9	2
19	The IFCC Curriculum - phase 1. <i>Electronic Journal of the International Federation of Clinical Chemistry and Laboratory Medicine</i> , 2018 , 29, 55-93	2.4	2
18	Feasibility of Screening for Chromosome 15 Imprinting Disorders in 16 579 Newborns by Using a Novel Genomic Workflow.. <i>JAMA Network Open</i> , 2022 , 5, e2141911	10.4	2
17	Determination of haemoglobin derivatives in aged dried blood spot to estimate haematocrit. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019 , 57, 1026-1034	5.9	1
16	Sweat travels: the issue of sweat chloride transportation. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018 , 56, e36-e38	5.9	1
15	Total pathway to method validation. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, e257-e261	5.9	1
14	Infrared Sauna as Exercise-mimetic? Physiological Responses to Infrared Sauna vs Exercise in Healthy Women: A Randomised Controlled Crossover Trial.. <i>Complementary Therapies in Medicine</i> , 2021 , 64, 102798	3.5	1
13	The Enigma of the Adrenarche: Identifying the Early Life Mechanisms and Possible Role in Postnatal Brain Development. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
12	Need of a dedicated isotopic internal standard for accurate 3-epi-25(OH)D3 quantification by LC-MS/MS. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019 , 57, e141-e144	5.9	1
11	Vitamin A and E gender and age stratification in adults. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, e79-e82	5.9	1
10	Comprehensive certification of a testosterone calibration standard facilitating the investigation of charged aerosol detection for the quantification of impurities of related structure. <i>Metrologia</i> , 2019 , 56, 024004	2.1	0
9	11βHydroxylase deficiency detected by urine steroid metabolome profiling using gas chromatography-mass spectrometry. <i>Clinical Mass Spectrometry</i> , 2018 , 7, 1-5	1.9	0
8	A multicenter randomized clinical trial of pharmacological vitamin B1 administration to critically ill patients who develop hypophosphatemia during enteral nutrition (The THIAMINE 4 HYPOPHOSPHATEMIA trial). <i>Clinical Nutrition</i> , 2021 , 40, 5047-5052	5.9	0

- 7 Current and emerging technologies for the timely screening and diagnosis of neonatal jaundice.. *Critical Reviews in Clinical Laboratory Sciences*, **2022**, 1-21 9.4 ○
- 6 Chapter 11:Vitamin A [Serum Vitamin A Analysis. *Food and Nutritional Components in Focus*, **2012**, 162-183
- 5 e-Learning: A Model to Support Ongoing Education. *Electronic Journal of the International Federation of Clinical Chemistry and Laboratory Medicine*, **2017**, 28, 185-192 2.4
- 4 Emerging technologies in paediatric laboratory medicine. *Journal of Laboratory Medicine*, **2021**, 45, 245-248
- 3 VERY LONG-CHAIN ACYL-COA DEHYDROGENASE DEFICIENCY: CASE REPORT OF HYPOGLYCAEMIA AND RHABDOMYOLYSIS IN A 2-DAY-OLD INFANT. *Journal of Paediatrics and Child Health*, **2020**, 56, 1996-1997 1.3
- 2 A Stabilizing Agent, PCA/DTPA, Improves Plasma Storage Life for the Chromsystems Vitamin C Assay up to Six Months. *Annals of Laboratory Medicine*, **2021**, 41, 414-418 3.1
- 1 Detection of Vitamin D Metabolites in Breast Milk: Perspectives and challenges for measurement by Liquid Chromatography Tandem-Mass Spectrometry. *Clinical Biochemistry*, **2021**, 97, 1-10 3.5