

Ronda F Greaves

List of Publications by Year in descending order

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Version: 2024-02-01

82
papers

1,579
citations

304602

22
h-index

345118

36
g-index

84
all docs

84
docs citations

84
times ranked

2245
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	0.7	85
2	Vitamin B1 in critically ill patients: needs and challenges. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017, 55, 1652-1668.	1.4	80
3	Steroid hormone analysis in diagnosis and treatment of DSD: position paper of EU COST Action BM 1303 "DSDnet". <i>European Journal of Endocrinology</i> , 2017, 176, P1-P9.	1.9	79
4	The relevance of sweat testing for the diagnosis of cystic fibrosis in the genomic era. <i>Clinical Biochemist Reviews</i> , 2005, 26, 135-53.	3.3	79
5	Diagnosis of Cystic Fibrosis by Sweat Testing: Age-Specific Reference Intervals. <i>Journal of Pediatrics</i> , 2008, 153, 758-763.e1.	0.9	68
6	Doping in sport and exercise: anabolic, ergogenic, health and clinical issues. <i>Annals of Clinical Biochemistry</i> , 2016, 53, 196-221.	0.8	65
7	Sixty-five years since the New York heat wave: Advances in sweat testing for cystic fibrosis. <i>Pediatric Pulmonology</i> , 2014, 49, 106-117.	1.0	56
8	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.	0.5	56
9	Fat-Soluble Vitamins: Clinical Indications and Current Challenges for Chromatographic Measurement. <i>Clinical Biochemist Reviews</i> , 2016, 37, 27-47.	3.3	53
10	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.	1.2	47
11	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.	0.8	42
12	A guide to understanding the steroid pathway: New insights and diagnostic implications. <i>Clinical Biochemistry</i> , 2014, 47, 5-15.	0.8	39
13	Luteinizing Hormone and Follicle-Stimulating Hormone Levels in Extreme Prematurity: Development of Reference Intervals. <i>Pediatrics</i> , 2008, 121, e574-e580.	1.0	34
14	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.	1.2	34
15	Hormone Modeling in Preterm Neonates: Establishment of Pituitary and Steroid Hormone Reference Intervals. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 1097-1103.	1.8	29
16	Establishment of hormone reference intervals for infants born <30weeks' gestation. <i>Clinical Biochemistry</i> , 2014, 47, 101-108.	0.8	26
17	A simple high-pressure liquid chromatography cotinine assay: validation of smoking status in pregnant women. <i>Annals of Clinical Biochemistry</i> , 2001, 38, 333-338.	0.8	25
18	Genetic Analysis of the SRD5A2 Gene in Indian Patients with 5 α -Reductase Deficiency. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2009, 22, 247-54.	0.4	25

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19	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.	3.3	25
20	Laboratory medicine best practice guideline: vitamins a, e and the carotenoids in blood. <i>Clinical Biochemist Reviews</i> , 2014, 35, 81-113.	3.3	25
21	Fasting Ghrelin Levels Are Not Elevated in Children with Hypothalamic Obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 2691-2695.	1.8	24
22	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, 763-768.	1.2	23
23	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.	3.3	23
24	Genital abnormalities mimicking congenital adrenal hyperplasia in premature infants. <i>Journal of Paediatrics and Child Health</i> , 2004, 40, 233-236.	0.4	21
25	Vitamin B1 and B6 method harmonization: Comparison of performance between laboratories enrolled in the RCPA Quality Assurance Program. <i>Clinical Biochemistry</i> , 2013, 46, 772-776.	0.8	20
26	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.	0.8	20
27	Systematic review of serum steroid reference intervals developed using mass spectrometry. <i>Clinical Biochemistry</i> , 2017, 50, 1260-1274.	0.8	20
28	Vitamin C measurement in critical illness: challenges, methodologies and quality improvements. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 460-470.	1.4	20
29	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, 206-215.	0.8	18
30	A hot topic for health: Results of the Global Sauna Survey. <i>Complementary Therapies in Medicine</i> , 2019, 44, 223-234.	1.3	18
31	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.	3.3	18
32	Metabolic treatment of pregnancy and postdelivery period in a patient with cobalamin A disease. <i>American Journal of Obstetrics and Gynecology</i> , 2002, 187, 225-226.	0.7	17
33	Total intra-individual variation in sweat sodium and chloride concentrations for the diagnosis of cystic fibrosis. <i>Clinica Chimica Acta</i> , 2008, 393, 128-129.	0.5	17
34	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.	0.8	17
35	Are vitamins A and D important in the development of food allergy and how are they best measured?. <i>Clinical Biochemistry</i> , 2014, 47, 804-811.	0.8	17
36	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.	1.4	17

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37	DHEA in Prenatal and Postnatal Life: Implications for Brain and Behavior. <i>Vitamins and Hormones</i> , 2018, 108, 145-174.	0.7	17
38	Mechanism of bilirubin elimination in urine: insights and prospects for neonatal jaundice. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021, 59, 1025-1033.	1.4	17
39	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, 1609-1618.	1.4	15
40	Vitamins D and A can be successfully measured by LC-MS/MS in cord blood diluted plasma. <i>Clinical Biochemistry</i> , 2015, 48, 1105-1112.	0.8	14
41	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.	1.4	14
42	Feasibility of Screening for Chromosome 15 Imprinting Disorders in 16579 Newborns by Using a Novel Genomic Workflow. <i>JAMA Network Open</i> , 2022, 5, e2141911.	2.8	14
43	Achievements and Future Directions of the APFCB Mass Spectrometry Harmonisation Project on Serum Testosterone. <i>Clinical Biochemist Reviews</i> , 2016, 37, 63-84.	3.3	13
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, 124-129.	0.8	12
45	Comparison of three commercial calibrators for alpha-tocopherol using liquid chromatography-tandem mass spectrometry. <i>Clinical Biochemistry</i> , 2013, 46, 1884-1888.	0.8	12
46	Sweat testing for cystic fibrosis: standards of performance in Australasia. <i>Annals of Clinical Biochemistry</i> , 2009, 46, 332-337.	0.8	11
47	A candidate reference method using ICP-MS for sweat chloride quantification. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016, 54, 561-7.	1.4	11
48	Candidate reference method for determination of vitamin D from dried blood spot samples. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 817-827.	1.4	11
49	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, 4296.	1.8	11
50	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.	3.3	11
51	Harmonisation of serum dihydrotestosterone analysis: establishment of an external quality assurance program. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017, 55, 522-529.	1.4	10
52	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.	0.0	9
53	Laboratory performance of sweat conductivity for the screening of cystic fibrosis. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018, 56, 554-559.	1.4	7
54	Multi-omics analysis from archival neonatal dried blood spots: limitations and opportunities. <i>Clinical Chemistry and Laboratory Medicine</i> , 2022, 60, 1318-1341.	1.4	7

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55	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, α -tocopherol and β -carotene. <i>Annals of Clinical Biochemistry</i> , 2011, 48, 480-482.	0.8	6
56	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, 2709-2717.	1.8	6
57	The application of glucose point of care testing in three metropolitan hospitals. <i>Pathology</i> , 2016, 48, 51-59.	0.3	6
58	The re-emergence of dried blood spot sampling “are we ready?”. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019, 57, 1805-1807.	1.4	6
59	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>Journal of Intensive Care Medicine</i> , 2021, 36, 147-154.	0.784314	6
60	Abnormal Laboratory Results: Interpreting paediatric biochemistry results. <i>Australian Prescriber</i> , 2005, 28, 126-129.	0.5	6
61	11 β -hydroxylase deficiency masked by alternative medicines. <i>Journal of Paediatrics and Child Health</i> , 2006, 42, 652-654.	0.4	5
62	Newborn bloodspot screening in the time of COVID-19. <i>Genetics in Medicine</i> , 2021, 23, 1143-1150.	1.1	5
63	Influence of isotopically labeled internal standards on quantification of serum/plasma 17 α -hydroxyprogesterone (17OHP) by liquid chromatography mass spectrometry. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 1731-1739.	1.4	5
64	Vitamin A and E gender and age stratification in adults. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, e79-e82.	1.4	4
65	Hormone profiles in extremely preterm infants. <i>Clinical Biochemistry</i> , 2014, 47, 744-746.	0.8	3
66	11 β -Hydroxylase deficiency detected by urine steroid metabolome profiling using gas chromatography-mass spectrometry. <i>Clinical Mass Spectrometry</i> , 2018, 7, 1-5.	1.9	3
67	Detection of Vitamin D Metabolites in Breast Milk: Perspectives and challenges for measurement by Liquid Chromatography Tandem-Mass Spectrometry. <i>Clinical Biochemistry</i> , 2021, 97, 1-10.	0.8	3
68	Total pathway to method validation. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, e257-e261.	1.4	3
69	Infrared sauna as exercise-mimetic? Physiological responses to infrared sauna vs exercise in healthy women: A randomized controlled crossover trial. <i>Complementary Therapies in Medicine</i> , 2022, 64, 102798.	1.3	3
70	Determination of haemoglobin derivatives in aged dried blood spot to estimate haematocrit. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019, 57, 1026-1034.	1.4	2
71	The IFCC Curriculum - phase 1. <i>Electronic Journal of the International Federation of Clinical Chemistry and Laboratory Medicine</i> , 2018, 29, 55-93.	0.7	2
72	Chapter 11. Vitamin A “Serum Vitamin A Analysis. <i>Food and Nutritional Components in Focus</i> , 2012, , 162-183.	0.1	1

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73	Sweat travels: the issue of sweat chloride transportation. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018, 56, e36-e38.	1.4	1
74	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.	0.6	1
75	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.	1.4	1
76	VERY LONG-CHAIN ACYL-CoA DEHYDROGENASE DEFICIENCY: CASE REPORT OF HYPOGLYCAEMIA AND RHABDOMYOLYSIS IN A 2-DAY-OLD INFANT. <i>Journal of Paediatrics and Child Health</i> , 2020, 56, 1996-1997.	0.4	1
77	Emerging technologies in paediatric laboratory medicine. <i>Journal of Laboratory Medicine</i> , 2021, 45, 245-248.	1.1	1
78	Current and emerging technologies for the timely screening and diagnosis of neonatal jaundice. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2022, , 1-21.	2.7	1
79	A Stabilizing Agent, PCA/DTPA, Improves Plasma Storage Life for the Chromsystems Vitamin C Assay up to Six Months. <i>Annals of Laboratory Medicine</i> , 2021, 41, 414-418.	1.2	0
80	e-Learning: A Model to Support Ongoing Education. <i>Electronic Journal of the International Federation of Clinical Chemistry and Laboratory Medicine</i> , 2017, 28, 185-192.	0.7	0
81	Pyridoxine dependent epilepsy: Diagnostic proficiency of new biomarkers. <i>Pathology</i> , 2022, 54, S17-S18.	0.3	0
82	Validation of steroid ratios for random urine by mass spectrometry to detect 5 α -reductase deficiency in Vietnamese children. <i>Clinical Chemistry and Laboratory Medicine</i> , 2022, .	1.4	0