

# Stuart J Moat

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

832  
citations

566801

15  
h-index

610482

24  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1420  
citing authors

#	ARTICLE	IF	CITATIONS
1	Newborn bloodspot screening for Duchenne Muscular Dystrophy: 21 years experience in Wales (UK). <i>European Journal of Human Genetics</i> , 2013, 21, 1049-1053.	1.4	214
2	<scp>COVID</scp>â€19 Vaccine Response in People with Multiple Sclerosis. <i>Annals of Neurology</i> , 2022, 91, 89-100.	2.8	119
3	Effect of Dried Blood Spot Quality on Newborn Screening Analyte Concentrations and Recommendations for Minimum Acceptance Criteria for Sample Analysis. <i>Clinical Chemistry</i> , 2016, 62, 466-475.	1.5	60
4	Use of Dried Blood Spot Specimens to Monitor Patients with Inherited Metabolic Disorders. <i>International Journal of Neonatal Screening</i> , 2020, 6, 26.	1.2	50
5	Identifying Nonâ€Duchenne Muscular Dystrophyâ€Positive and False Negative Results in Prior Duchenne Muscular Dystrophy Newborn Screening Programs. <i>JAMA Neurology</i> , 2016, 73, 111.	4.5	48
6	Folic acid reverses endothelial dysfunction induced by inhibition of tetrahydrobiopterin biosynthesis. <i>European Journal of Pharmacology</i> , 2006, 530, 250-258.	1.7	42
7	Newborn screening for homocystinurias: Recent recommendations versus current practice. <i>Journal of Inherited Metabolic Disease</i> , 2019, 42, 128-139.	1.7	37
8	Characterization of a Blood Spot Creatine Kinase Skeletal Muscle Isoform Immunoassay for High-Throughput Newborn Screening of Duchenne Muscular Dystrophy. <i>Clinical Chemistry</i> , 2017, 63, 908-914.	1.5	34
9	An observational study of the effect of metformin on B12 status and peripheral neuropathy. <i>British Journal of Diabetes and Vascular Disease</i> , 2012, 12, 189-193.	0.6	31
10	Development of a high-throughput SARS-CoV-2 antibody testing pathway using dried blood spot specimens. <i>Annals of Clinical Biochemistry</i> , 2021, 58, 123-131.	0.8	31
11	Homocysteine and Endothelial Function in Human Studies. <i>Seminars in Vascular Medicine</i> , 2005, 5, 172-182.	2.1	28
12	Folate Augmentation of Treatment â€ Evaluation for Depression (FolATED): randomised trial and economic evaluation. <i>Health Technology Assessment</i> , 2014, 18, 1-160.	1.3	28
13	Performance of laboratory tests used to measure blood phenylalanine for the monitoring of patients with phenylketonuria. <i>Journal of Inherited Metabolic Disease</i> , 2020, 43, 179-188.	1.7	21
14	Newborn screening for sickle cell disorders using tandem mass spectrometry: three yearsâ€™ experience of using a protocol to detect only the disease states. <i>Annals of Clinical Biochemistry</i> , 2017, 54, 601-611.	0.8	16
15	Effect of blood volume on analytical bias in dried blood spots prepared for newborn screening external quality assurance. <i>Bioanalysis</i> , 2020, 12, 99-109.	0.6	16
16	Cystic fibrosis newborn screening: the importance of bloodspot sample quality. <i>Archives of Disease in Childhood</i> , 2021, 106, 253-257.	1.0	11
17	Multicentre age-related reference intervals for cerebrospinal fluid serine concentrations: Implications for the diagnosis and follow-up of serine biosynthesis disorders. <i>Molecular Genetics and Metabolism</i> , 2010, 101, 149-152.	0.5	10
18	Improving Harmonization and Standardization of Expanded Newborn Screening Results by Optimization of the Legacy Flow Injection Analysis Tandem Mass Spectrometry Methods and Application of a Standardized Calibration Approach. <i>Clinical Chemistry</i> , 2022, 68, 1075-1083.	1.5	9

#	ARTICLE	IF	CITATIONS
19	An Analysis of Serological Response and Infection Outcomes Following Oxford-AstraZeneca (AZD1222) and Pfizer-BioNTech (mRNA BNT162b2) SARS-CoV-2 Vaccines in Kidney and Kidney-pancreas Transplants. <i>Transplantation</i> , 2022, 106, 1421-1429.	0.5	7
20	Are commonly used paediatric reference intervals for water and electrolyte balance appropriate for clinical use?. <i>Annals of Clinical Biochemistry</i> , 2015, 52, 44-52.	0.8	4
21	Evaluation of a Common Internal Standard Material to Reduce Inter-Laboratory Variation and Ensure the Quality, Safety and Efficacy of Expanded Newborn Screening Results When Using Flow Injection Analysis Tandem Mass Spectrometry with Internal Calibration. <i>International Journal of Neonatal Screening</i> , 2020, 6, 92.	1.2	3
22	Human Placental Arterial Distensibility, Birth Weight, and Body Size Are Positively Related to Fetal Homocysteine Concentration. <i>Reproductive Sciences</i> , 2017, 24, 1070-1078.	1.1	2
23	Maternal SARS-CoV-2 sero-surveillance using newborn dried blood spot (DBS) screening specimens highlights extent of low vaccine uptake in pregnant women. <i>Human Vaccines and Immunotherapeutics</i> , 2022, 18, .	1.4	2
24	Statins and Micronutrients: Unanswered Questions. <i>Journal of the Royal Society of Medicine</i> , 2004, 97, 459-460.	1.1	1
25	Plasma Methylmalonic Acid Concentration in Folic Acidâ€“Supplemented Depressed Patients with Low or Marginal Vitamin B-12: A Randomized Trial. <i>Journal of Nutrition</i> , 2021, 151, 3738-3745.	1.3	1
26	NO LAUGHING MATTER. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, e1.123-e1.	0.9	0