

Rachel S Carling

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

137
citations

1307594

7
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

181
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	3.2	9
2	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.	3.6	21
3	Validation of a rapid, comprehensive and clinically relevant amino acid profile by underivatised liquid chromatography tandem mass spectrometry. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 758-768.	2.3	7
4	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.	3.2	3
5	A Machine Learning Approach for the Automated Interpretation of Plasma Amino Acid Profiles. <i>Clinical Chemistry</i> , 2020, 66, 1210-1218.	3.2	10
6	Processing of positive newborn screening results: a qualitative exploration of current practice in England. <i>BMJ Open</i> , 2020, 10, e044755.	1.9	8
7	Use of Dried Blood Spot Specimens to Monitor Patients with Inherited Metabolic Disorders. <i>International Journal of Neonatal Screening</i> , 2020, 6, 26.	3.2	50
8	Challenging the status quo: A comparison of ion exchange chromatography with liquid chromatography–mass spectrometry and liquid chromatography–tandem mass spectrometry methods for the measurement of amino acids in human plasma. <i>Annals of Clinical Biochemistry</i> , 2020, 57, 277-290.	1.6	6
9	Validation of a liquid chromatography tandem mass spectrometry method for the simultaneous determination of hydroxychloroquine and metabolites in human whole blood. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 2047-2061.	2.3	4
10	Methods for assessment of biotin (Vitamin B7). , 2019, , 193-217.		4
11	Raising Awareness of False Positive Newborn Screening Results Arising from Pivalate-Containing Creams and Antibiotics in Europe When Screening for Isovaleric Acidaemia. <i>International Journal of Neonatal Screening</i> , 2018, 4, 8.	3.2	4
12	Introduction of a Simple Second Tier Screening Test for C5 Isobars in Dried Blood Spots: Reducing the False Positive Rate for Isovaleric Acidaemia in Expanded Newborn Screening. <i>JIMD Reports</i> , 2017, 38, 75-80.	1.5	11