

Rachel S Carling

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8132922/publications.pdf>

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	Use of Dried Blood Spot Specimens to Monitor Patients with Inherited Metabolic Disorders. International Journal of Neonatal Screening, 2020, 6, 26.	3.2	50
2	Performance of laboratory tests used to measure blood phenylalanine for the monitoring of patients with phenylketonuria. Journal of Inherited Metabolic Disease, 2020, 43, 179-188.	3.6	21
3	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. JIMD Reports, 2017, 38, 75-80.	1.5	11
4	A Machine Learning Approach for the Automated Interpretation of Plasma Amino Acid Profiles. Clinical Chemistry, 2020, 66, 1210-1218.	3.2	10
5	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. Clinical Chemistry, 2022, 68, 1075-1083.	3.2	9
6	Processing of positive newborn screening results: a qualitative exploration of current practice in England. BMJ Open, 2020, 10, e044755.	1.9	8
7	Validation of a rapid, comprehensive and clinically relevant amino acid profile by underivatized liquid chromatography tandem mass spectrometry. Clinical Chemistry and Laboratory Medicine, 2020, 58, 758-768.	2.3	7
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. Annals of Clinical Biochemistry, 2020, 57, 277-290.	1.6	6
9	Raising Awareness of False Positive Newborn Screening Results Arising from Pivalate-Containing Creams and Antibiotics in Europe When Screening for Isovaleric Acidaemia. International Journal of Neonatal Screening, 2018, 4, 8.	3.2	4
10	Methods for assessment of biotin (Vitamin B7). , 2019, , 193-217.		4
11	Validation of a liquid chromatography tandem mass spectrometry method for the simultaneous determination of hydroxychloroquine and metabolites in human whole blood. Clinical Chemistry and Laboratory Medicine, 2020, 58, 2047-2061.	2.3	4
12	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. International Journal of Neonatal Screening, 2020, 6, 92.	3.2	3