

# 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

1464605

7  
h-index

1427216

11  
g-index

12  
all docs

12  
docs citations

12  
times ranked

188  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | 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        |
| 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.   | 1.7 | 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. <i>JIMD Reports</i> , 2017, 38, 75-80.  | 0.7 | 11        |
| 4  | A Machine Learning Approach for the Automated Interpretation of Plasma Amino Acid Profiles. <i>Clinical Chemistry</i> , 2020, 66, 1210-1218.  | 1.5 | 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. <i>Clinical Chemistry</i> , 2022, 68, 1075-1083.   | 1.5 | 9         |
| 6  | Processing of positive newborn screening results: a qualitative exploration of current practice in England. <i>BMJ Open</i> , 2020, 10, e044755.  | 0.8 | 8         |
| 7  | Validation of a rapid, comprehensive and clinically relevant amino acid profile by underivatized liquid chromatography tandem mass spectrometry. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 758-768.   | 1.4 | 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. <i>Annals of Clinical Biochemistry</i> , 2020, 57, 277-290.                                   | 0.8 | 6         |
| 9  | 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.   | 1.2 | 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. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 2047-2061.   | 1.4 | 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. <i>International Journal of Neonatal Screening</i> , 2020, 6, 92. | 1.2 | 3         |