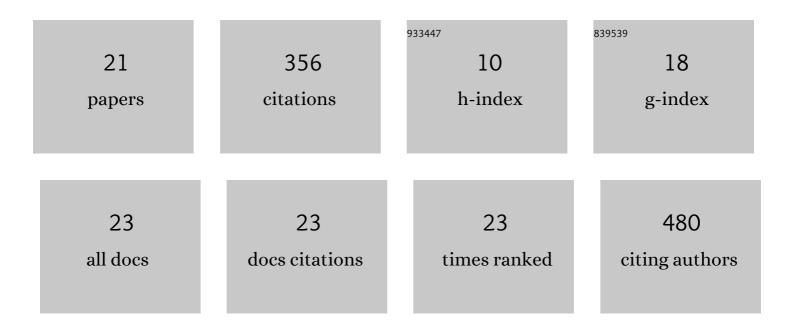
Meera Shanmuganathan

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Capillary Electrophoresis-Mass Spectrometry at Trial by Metabo-Ring: Effective Electrophoretic Mobility for Reproducible and Robust Compound Annotation. Analytical Chemistry, 2020, 92, 14103-14112.	6.5	44
2	Interlaboratory study to evaluate the robustness of capillary electrophoresisâ€mass spectrometry for peptide mapping. Journal of Separation Science, 2015, 38, 3262-3270.	2.5	36
3	Metabolomics for improved treatment monitoring of phenylketonuria: urinary biomarkers for non-invasive assessment of dietary adherence and nutritional deficiencies. Analyst, The, 2019, 144, 6595-6608.	3.5	36
4	The maternal serum metabolome by multisegment injection-capillary electrophoresis-mass spectrometry: a high-throughput platform and standardized data workflow for large-scale epidemiological studies. Nature Protocols, 2021, 16, 1966-1994.	12.0	33
5	Metabolic Trajectories Following Contrasting Prudent and Western Diets from Food Provisions: Identifying Robust Biomarkers of Short-Term Changes in Habitual Diet. Nutrients, 2019, 11, 2407.	4.1	32
6	High quality drug screening by capillary electrophoresis: A review. Analytica Chimica Acta, 2013, 773, 24-36.	5.4	29
7	Inhibitor screening of pharmacological chaperones for lysosomal β-glucocerebrosidase by capillary electrophoresis. Analytical and Bioanalytical Chemistry, 2011, 399, 2843-2853.	3.7	24
8	Maternal Diet and the Serum Metabolome in Pregnancy: Robust Dietary Biomarkers Generalizable to a Multiethnic Birth Cohort. Current Developments in Nutrition, 2020, 4, nzaa144.	0.3	24
9	Urinary Metabolites Enable Differential Diagnosis and Therapeutic Monitoring of Pediatric Inflammatory Bowel Disease. Metabolites, 2021, 11, 245.	2.9	13
10	Urinary hydroxypyrene determination for biomonitoring of firefighters deployed at the Fort McMurray wildfire: an inter-laboratory method comparison. Analytical and Bioanalytical Chemistry, 2019, 411, 1397-1407.	3.7	12
11	A Cross-Platform Metabolomics Comparison Identifies Serum Metabolite Signatures of Liver Fibrosis Progression in Chronic Hepatitis C Patients. Frontiers in Molecular Biosciences, 2021, 8, 676349.	3.5	11
12	Personalization of Aspirin Therapy Ex Vivo in Patients with Atherosclerosis Using Light Transmission Aggregometry. Diagnostics, 2020, 10, 871.	2.6	10
13	Lyophilized fecal short-chain fatty acid and electrolyte determination by capillary electrophoresis with indirect UV detection for assessment of pediatric inflammatory bowel disease. Journal of Pharmaceutical and Biomedical Analysis, 2021, 192, 113658.	2.8	9
14	Metabolite profiles and the risk of metabolic syndrome in early childhood: a case-control study. BMC Medicine, 2021, 19, 292.	5.5	9
15	Serum metabolomic signatures of gestational diabetes in South Asian and white European women. BMJ Open Diabetes Research and Care, 2022, 10, e002733.	2.8	8
16	Sources of Variation in Food-Related Metabolites during Pregnancy. Nutrients, 2022, 14, 2503.	4.1	7
17	Functional Screening of Pharmacological Chaperones via Restoration of Enzyme Activity upon Denaturation. Biochemistry, 2012, 51, 7651-7653.	2.5	6
18	New Advances for Newborn Screening of Inborn Errors of Metabolism by Capillary Electrophoresis-Mass Spectrometry (CE-MS). Methods in Molecular Biology, 2019, 1972, 139-163.	0.9	6

#	Article	IF	CITATIONS
19	High-throughput and Comprehensive Drug Surveillance Using Multisegment Injection-Capillary Electrophoresis-Mass Spectrometry. Journal of Visualized Experiments, 2019, , .	0.3	2
20	New Advances in Amino Acid Profiling in Biological Samples by Capillary Electrophoresis-Mass Spectrometry. Methods in Molecular Biology, 2019, 2030, 327-350.	0.9	1
21	The Metabolomic Pathways of the Senescenceâ€Associated Secretory Phenotype in C2C12 Myoblasts. FASEB Journal, 2022, 36, .	0.5	0