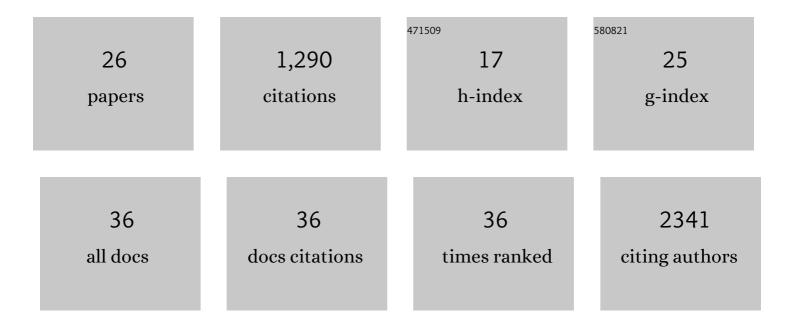
Partho Sen

List of Publications by Year in descending order

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DADTHO SEN

#	Article	IF	CITATIONS
1	Quantifying Diet-Induced Metabolic Changes of the Human Gut Microbiome. Cell Metabolism, 2015, 22, 320-331.	16.2	345
2	Gut metabolome meets microbiome: A methodological perspective to understand the relationship between host and microbe. Methods, 2018, 149, 3-12.	3.8	123
3	Exposure to environmental contaminants is associated with altered hepatic lipid metabolism in non-alcoholic fatty liver disease. Journal of Hepatology, 2022, 76, 283-293.	3.7	106
4	Evaluation and assessment of read-mapping by multiple next-generation sequencing aligners based on genome-wide characteristics. Genomics, 2017, 109, 186-191.	2.9	68
5	Metabolic Modeling of Human Gut Microbiota on a Genome Scale: An Overview. Metabolites, 2019, 9, 22.	2.9	66
6	Perspectives on Systems Modeling of Human Peripheral Blood Mononuclear Cells. Frontiers in Molecular Biosciences, 2017, 4, 96.	3.5	65
7	Deep learning meets metabolomics: a methodological perspective. Briefings in Bioinformatics, 2021, 22, 1531-1542.	6.5	59
8	Linking Gut Microbiome and Lipid Metabolism: Moving beyond Associations. Metabolites, 2021, 11, 55.	2.9	54
9	Comparative Systems Analyses Reveal Molecular Signatures of Clinically tested Vaccine Adjuvants. Scientific Reports, 2016, 6, 39097.	3.3	53
10	An Overview of Metabolomics Data Analysis: Current Tools and Future Perspectives. Comprehensive Analytical Chemistry, 2018, 82, 387-413.	1.3	52
11	Metabolic alterations in immune cells associate with progression to type 1 diabetes. Diabetologia, 2020, 63, 1017-1031.	6.3	42
12	Dysregulated Lipid Metabolism Precedes Onset of Psychosis. Biological Psychiatry, 2021, 89, 288-297.	1.3	42
13	Prenatal exposure to perfluoroalkyl substances modulates neonatal serum phospholipids, increasing risk of type 1 diabetes. Environment International, 2020, 143, 105935.	10.0	38
14	Systems biology approaches to study lipidomes in health and disease. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2021, 1866, 158857.	2.4	31
15	Persistent Alterations in Plasma Lipid Profiles Before Introduction of Gluten in the Diet Associated With Progression to Celiac Disease. Clinical and Translational Gastroenterology, 2019, 10, e00044.	2.5	30
16	Increased serum miR-193a-5p during non-alcoholic fatty liver disease progression: Diagnostic and mechanistic relevance. JHEP Reports, 2022, 4, 100409.	4.9	20
17	Early-life exposure to perfluorinated alkyl substances modulates lipid metabolism in progression to celiac disease. Environmental Research, 2020, 188, 109864.	7.5	19
18	Kinetic modelling of phospholipid synthesis in Plasmodium knowlesi unravels crucial steps and relative importance of multiple pathways. BMC Systems Biology, 2013, 7, 123.	3.0	17

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19	Selection of complementary foods based on optimal nutritional values. Scientific Reports, 2017, 7, 5413.	3.3	11
20	Association Between Circulating Lipids and Future Weight Gain in Individuals With an At-Risk Mental State and in First-Episode Psychosis. Schizophrenia Bulletin, 2021, 47, 160-169.	4.3	9
21	Conjugated C-6 hydroxylated bile acids in serum relate to human metabolic health and gut Clostridia species. Scientific Reports, 2021, 11, 13252.	3.3	8
22	Quantitative genome-scale metabolic modeling of human CD4+ TÂcell differentiation reveals subset-specific regulation of glycosphingolipid pathways. Cell Reports, 2021, 37, 109973.	6.4	8
23	Herring and chicken/pork meals lead to differences in plasma levels of TCA intermediates and arginine metabolites in overweight and obese men and women. Molecular Nutrition and Food Research, 2017, 61, 1600400.	3.3	6
24	Metabolic Profiling and Compound-Class Identification Reveal Alterations in Serum Triglyceride Levels in Mice Immunized with Human Vaccine Adjuvant Alum. Journal of Proteome Research, 2020, 19, 269-278.	3.7	5
25	1â€Đeoxyceramides – Key players in lipotoxicity and progression to type 2 diabetes?. Acta Physiologica, 2021, 232, e13635.	3.8	4
26	The Role of Omic Technologies in the Study of the Human Gut Microbiome. , 2021, , 469-481.		0