

Partho Sen

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,290
citations

471509

17
h-index

580821

25
g-index

36
all docs

36
docs citations

36
times ranked

2341
citing authors

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

#	ARTICLE	IF	CITATIONS
19	Selection of complementary foods based on optimal nutritional values. <i>Scientific Reports</i> , 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. <i>Schizophrenia Bulletin</i> , 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. <i>Scientific Reports</i> , 2021, 11, 13252.	3.3	8
22	Quantitative genome-scale metabolic modeling of human CD4+ T cell differentiation reveals subset-specific regulation of glycosphingolipid pathways. <i>Cell Reports</i> , 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. <i>Molecular Nutrition and Food Research</i> , 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. <i>Journal of Proteome Research</i> , 2020, 19, 269-278.	3.7	5
25	1-Deoxyceramides – Key players in lipotoxicity and progression to type 2 diabetes?. <i>Acta Physiologica</i> , 2021, 232, e13635.	3.8	4
26	The Role of Omic Technologies in the Study of the Human Gut Microbiome. , 2021, , 469-481.		0