

Siddhartha Mandal

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

2,296
citations

567281

15
h-index

610901

24
g-index

30
all docs

30
docs citations

30
times ranked

4852
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of composition of microbiomes: a novel method for studying microbial composition. <i>Microbial Ecology in Health and Disease</i> , 2015, 26, 27663.	3.5	1,283
2	Analysis of Microbiome Data in the Presence of Excess Zeros. <i>Frontiers in Microbiology</i> , 2017, 8, 2114.	3.5	210
3	Environmental toxicants in breast milk of Norwegian mothers and gut bacteria composition and metabolites in their infants at 1 month. <i>Microbiome</i> , 2019, 7, 34.	11.1	115
4	Fat and vitamin intakes during pregnancy have stronger relations with a pro-inflammatory maternal microbiota than does carbohydrate intake. <i>Microbiome</i> , 2016, 4, 55.	11.1	101
5	The Prevalence of Extended-Spectrum Beta-Lactamase-Producing Multidrug-Resistant <i>Escherichia Coli</i> in Poultry Chickens and Variation According to Farming Practices in Punjab, India. <i>Environmental Health Perspectives</i> , 2017, 125, 077015.	6.0	88
6	Preterm infants have distinct microbiomes not explained by mode of delivery, breastfeeding duration or antibiotic exposure. <i>International Journal of Epidemiology</i> , 2018, 47, 1658-1669.	1.9	61
7	Perfluoroalkyl substances measured in breast milk and child neuropsychological development in a Norwegian birth cohort study. <i>Environment International</i> , 2015, 83, 176-182.	10.0	54
8	Gut microbiome of mothers delivering prematurely shows reduced diversity and lower relative abundance of <i>Bifidobacterium</i> and <i>Streptococcus</i> . <i>PLoS ONE</i> , 2017, 12, e0184336.	2.5	53
9	Global forecast of antimicrobial resistance in invasive isolates of <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i> . <i>International Journal of Infectious Diseases</i> , 2018, 68, 50-53.	3.3	53
10	Multidrug- and Carbapenem-Resistant <i>Pseudomonas aeruginosa</i> in Children, United States, 1999–2012. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2016, 6, piw064.	1.3	41
11	Novel application of statistical methods for analysis of multiple toxicants identifies DDT as a risk factor for early child behavioral problems. <i>Environmental Research</i> , 2016, 151, 91-100.	7.5	40
12	Exposure to Particulate Matter Is Associated With Elevated Blood Pressure and Incident Hypertension in Urban India. <i>Hypertension</i> , 2020, 76, 1289-1298.	2.7	40
13	Prenatal iron exposure and childhood type 1 diabetes. <i>Scientific Reports</i> , 2018, 8, 9067.	3.3	25
14	Ensemble averaging based assessment of spatiotemporal variations in ambient PM _{2.5} concentrations over Delhi, India, during 2010–2016. <i>Atmospheric Environment</i> , 2020, 224, 117309.	4.1	25
15	Persistent Environmental Toxicants in Breast Milk and Rapid Infant Growth. <i>Annals of Nutrition and Metabolism</i> , 2017, 70, 210-216.	1.9	16
16	Daily nonaccidental mortality associated with short-term PM _{2.5} exposures in Delhi, India. <i>Environmental Epidemiology</i> , 2021, 5, e167.	3.0	16
17	A novel model to characterize postnatal exposure to lipophilic environmental toxicants and application in the study of hexachlorobenzene and infant growth. <i>Environment International</i> , 2015, 85, 156-162.	10.0	15
18	Maternal exposure to a human based mixture of persistent organic pollutants (POPs) affect gene expression related to brain function in mice offspring hippocampus. <i>Chemosphere</i> , 2021, 276, 130123.	8.2	15

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19	A human exposure based mixture of persistent organic pollutants affects the stress response in female mice and their offspring. <i>Chemosphere</i> , 2018, 197, 585-593.	8.2	10
20	Association between socioeconomic position and cardiovascular disease risk factors in rural north India: The Solan Surveillance Study. <i>PLoS ONE</i> , 2019, 14, e0217834.	2.5	10
21	Maternal fibre and gluten intake during pregnancy and risk of childhood celiac disease: the MoBa study. <i>Scientific Reports</i> , 2020, 10, 16439.	3.3	10
22	Building capacity for air pollution epidemiology in India. <i>Environmental Epidemiology</i> , 2020, 4, e117.	3.0	8
23	Leveraging Existing Cohorts to Study Health Effects of Air Pollution on Cardiometabolic Disorders: India Global Environmental and Occupational Health Hub. <i>Environmental Health Insights</i> , 2020, 14, 117863022091568.	1.7	5
24	A hierarchical functional data analytic approach for analyzing physiologically based pharmacokinetic models. <i>Environmetrics</i> , 2013, 24, 172-179.	1.4	1
25	Factors affecting infant gut microbiota and possible consequences for health. <i>Microbial Ecology in Health and Disease</i> , 2015, 26, 28062.	3.5	1
26	Study of Optimal Adaptive Rule in Testing Composite Hypothesis. <i>Sequential Analysis</i> , 2009, 28, 394-405.	0.5	0
27	Emerging Statistical Methodologies in the Field of Microbiome Studies. <i>Handbook of Statistics</i> , 2017, , 37-52.	0.6	0
28	Long-term exposure to ambient PM2.5 leads to increased risk of Type 2 diabetes in urban Delhi and Chennai, India. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
29	Unsafe sexual behavior of currently married men having sex with men in Thane, Maharashtra: a challenge for ensuring ZERO HIV transmission. <i>International Journal of Community Medicine and Public Health</i> , 2018, 5, 3350.	0.1	0
30	Abstract P114: Association Between Socioeconomic Position and Cardiovascular Disease Risk Factors: The Solan Surveillance Study. <i>Circulation</i> , 2017, 135, .	1.6	0