

Rahul Gondalia

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

935
citations

623188

14
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476904

29
g-index

36
all docs

36
docs citations

36
times ranked

2043
citing authors

#	ARTICLE	IF	CITATIONS
1	DNA Methylation Analysis Identifies Loci for Blood Pressure Regulation. American Journal of Human Genetics, 2017, 101, 888-902.	2.6	154
2	Blood Leukocyte DNA Methylation Predicts Risk of Future Myocardial Infarction and Coronary Heart Disease. Circulation, 2019, 140, 645-657.	1.6	151
3	DNA Methylation Signatures of Depressive Symptoms in Middle-aged and Elderly Persons. JAMA Psychiatry, 2018, 75, 949.	6.0	78
4	An integrative cross-omics analysis of DNA methylation sites of glucose and insulin homeostasis. Nature Communications, 2019, 10, 2581.	5.8	62
5	Methylome-wide association study provides evidence of particulate matter air pollution-associated DNA methylation. Environment International, 2019, 132, 104723.	4.8	58
6	Impact of a digital health intervention on asthma resource utilization. World Allergy Organization Journal, 2018, 11, 28.	1.6	55
7	Nonmedical exemptions to immunization requirements in California: A 16-year longitudinal analysis of trends and associated community factors. Vaccine, 2013, 31, 3009-3013.	1.7	54
8	The Impact of Patient Self-Monitoring Via Electronic Medication Monitor and Mobile App Plus Remote Clinician Feedback on Adherence to Inhaled Corticosteroids: A Randomized Controlled Trial. Journal of Allergy and Clinical Immunology: in Practice, 2021, 9, 1586-1594.	2.0	42
9	Transfusion-related acute lung injury and potential risk factors among the inpatient US elderly as recorded in Medicare claims data, during 2007 through 2011. Transfusion, 2014, 54, 2182-2193.	0.8	38
10	Posttransfusion purpura occurrence and potential risk factors among the inpatient US elderly, as recorded in large Medicare databases during 2011 through 2012. Transfusion, 2015, 55, 284-295.	0.8	27
11	Improved asthma outcomes observed in the vicinity of coal power plant retirement, retrofit and conversion to natural gas. Nature Energy, 2020, 5, 398-408.	19.8	27
12	Babesiosis Occurrence among the Elderly in the United States, as Recorded in Large Medicare Databases during 2006-2013. PLoS ONE, 2015, 10, e0140332.	1.1	24
13	A multi-ethnic epigenome-wide association study of leukocyte DNA methylation and blood lipids. Nature Communications, 2021, 12, 3987.	5.8	18
14	Leukocyte Traits and Exposure to Ambient Particulate Matter Air Pollution in the Women's Health Initiative and Atherosclerosis Risk in Communities Study. Environmental Health Perspectives, 2020, 128, 17004.	2.8	17
15	Electronic medication monitors help determine adherence subgroups in asthma. Respiratory Medicine, 2020, 164, 105914.	1.3	15
16	Blood DNA methylation sites predict death risk in a longitudinal study of 12, 300 individuals. Aging, 2020, 12, 14092-14124.	1.4	15
17	Passive Monitoring of Short-Acting Beta-Agonist Use via Digital Platform in Patients With Chronic Obstructive Pulmonary Disease: Quality Improvement Retrospective Analysis. JMIR Formative Research, 2019, 3, e13286.	0.7	14
18	Screening for inhalation technique errors with electronic medication monitors. Journal of Allergy and Clinical Immunology: in Practice, 2019, 7, 2065-2067.	2.0	12

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19	Assessing asthma control: comparison of electronic-recorded short-acting beta-agonist rescue use and self-reported use utilizing the asthma control test. <i>Journal of Asthma</i> , 2021, 58, 271-275.	0.9	10
20	Higher short-acting beta-agonist use is associated with greater COPD burden. <i>Respiratory Medicine</i> , 2019, 158, 110-113.	1.3	8
21	Electronic medication monitoring versus self-reported use of inhaled corticosteroids and short-acting beta-agonists in uncontrolled asthma. <i>Journal of Asthma</i> , 2022, 59, 2024-2027.	0.9	8
22	Genome-wide Association Study of Susceptibility to Particulate Matter-Associated QT Prolongation. <i>Environmental Health Perspectives</i> , 2017, 125, 067002.	2.8	7
23	Coal-fired power plant closures and retrofits reduce asthma morbidity in the local population. <i>Nature Energy</i> , 2020, 5, 365-366.	19.8	7
24	Gaseous air pollutants and DNA methylation in a methylome-wide association study of an ethnically and environmentally diverse population of U.S. adults. <i>Environmental Research</i> , 2022, 212, 113360.	3.7	7
25	Methylome-wide association study of central adiposity implicates genes involved in immune and endocrine systems. <i>Epigenomics</i> , 2020, 12, 1483-1499.	1.0	6
26	Genome-wide association study and meta-analysis identify loci associated with ventricular and supraventricular ectopy. <i>Scientific Reports</i> , 2018, 8, 5675.	1.6	4
27	Air pollution-associated changes in biomarkers of diabetes risk. <i>Environmental Epidemiology</i> , 2019, 3, e059.	1.4	4
28	Epigenetically mediated electrocardiographic manifestations of sub-chronic exposures to ambient particulate matter air pollution in the Women's Health Initiative and Atherosclerosis Risk in Communities Study. <i>Environmental Research</i> , 2021, 198, 111211.	3.7	4
29	Quantifying beta-agonist utilization: Occasions or puffs?. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2019, 7, 1088-1090.	2.0	2
30	Pilot Study of a Patient Experience with an ELLIPTA Inhaler Electronic Medication Monitor and Associated Integrated System: A Prospective Observational Study Using the COPD Patient-Powered Research Network. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2021, 8, 488-501.	0.5	2
31	Concurrent Improvement Observed in Patient-Reported Burden and Sensor-Collected Medication Use Among Patients Enrolled in a COPD Digital Health Program. <i>Frontiers in Digital Health</i> , 2021, 3, 624261.	1.5	2