

Somnath Mukhopadhyay

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

40
papers

3,823
citations

22
h-index

42
g-index

42
ext. papers

4,286
ext. citations

5.8
avg. IF

4.14
L-index

#	Paper	IF	Citations
40	Common loss-of-function variants of the epidermal barrier protein filaggrin are a major predisposing factor for atopic dermatitis. <i>Nature Genetics</i> , 2006 , 38, 441-6	36.3	2158
39	The burden of disease associated with filaggrin mutations: a population-based, longitudinal birth cohort study. <i>Journal of Allergy and Clinical Immunology</i> , 2008 , 121, 872-7.e9	11.5	276
38	Gene-environment interaction in the onset of eczema in infancy: filaggrin loss-of-function mutations enhanced by neonatal cat exposure. <i>PLoS Medicine</i> , 2008 , 5, e131	11.6	187
37	Filaggrin null mutations are associated with increased asthma severity in children and young adults. <i>Journal of Allergy and Clinical Immunology</i> , 2007 , 120, 64-8	11.5	175
36	A polymorphism controlling ORMDL3 expression is associated with asthma that is poorly controlled by current medications. <i>Journal of Allergy and Clinical Immunology</i> , 2008 , 121, 860-3	11.5	136
35	Tmem79/Matt is the matted mouse gene and is a predisposing gene for atopic dermatitis in human subjects. <i>Journal of Allergy and Clinical Immunology</i> , 2013 , 132, 1121-9	11.5	108
34	Adrenergic beta(2)-receptor genotype predisposes to exacerbations in steroid-treated asthmatic patients taking frequent albuterol or salmeterol. <i>Journal of Allergy and Clinical Immunology</i> , 2009 , 124, 1188-94.e3	11.5	82
33	Childhood asthma exacerbations and the Arg16 G-receptor polymorphism: A meta-analysis stratified by treatment. <i>Journal of Allergy and Clinical Immunology</i> , 2016 , 138, 107-113.e5	11.5	66
32	Tailored second-line therapy in asthmatic children with the Arg(16) genotype. <i>Clinical Science</i> , 2013 , 124, 521-8	6.5	64
31	Glutathione S-transferase M1 and P1 genotype, passive smoking, and peak expiratory flow in asthma. <i>Pediatrics</i> , 2006 , 118, 710-6	7.4	61
30	Childhood obesity in relation to poor asthma control and exacerbation: a meta-analysis. <i>European Respiratory Journal</i> , 2016 , 48, 1063-1073	13.6	59
29	Early life antibiotic use and the risk of asthma and asthma exacerbations in children. <i>Pediatric Allergy and Immunology</i> , 2017 , 28, 430-437	4.2	57
28	From child to adult: an exploration of shifting family roles and responsibilities in managing physiotherapy for cystic fibrosis. <i>Social Science and Medicine</i> , 2007 , 65, 2135-46	5.1	47
27	Matrix metalloproteinase-12 is a therapeutic target for asthma in children and young adults. <i>Journal of Allergy and Clinical Immunology</i> , 2010 , 126, 70-6.e16	11.5	45
26	Factors associated with good adherence to self-care behaviours amongst adolescents with food allergy. <i>Pediatric Allergy and Immunology</i> , 2015 , 26, 111-8	4.2	39
25	I've never not had it so I don't really know what it's like not to: nondifference and biographical disruption among children and young people with cystic fibrosis. <i>Qualitative Health Research</i> , 2009 , 19, 1443-55	3.9	37
24	Genome-wide association study of inhaled corticosteroid response in admixed children with asthma. <i>Clinical and Experimental Allergy</i> , 2019 , 49, 789-798	4.1	32

23	Explaining adherence to self-care behaviours amongst adolescents with food allergy: a comparison of the health belief model and the common sense self-regulation model. <i>British Journal of Health Psychology</i> , 2014 , 19, 65-82	8.3	31
22	Problems and solutions: accounts by parents and children of adhering to chest physiotherapy for cystic fibrosis. <i>Disability and Rehabilitation</i> , 2007 , 29, 1097-105	2.4	30
21	Pharmacogenetic analysis of GLCCI1 in three north European pediatric asthma populations with a reported use of inhaled corticosteroids. <i>Pharmacogenomics</i> , 2014 , 15, 799-806	2.6	25
20	The CHI3L1 rs4950928 polymorphism is associated with asthma-related hospital admissions in children and young adults. <i>Annals of Allergy, Asthma and Immunology</i> , 2011 , 106, 381-6	3.2	23
19	Rationale and design of the multiethnic Pharmacogenomics in Childhood Asthma consortium. <i>Pharmacogenomics</i> , 2017 , 18, 931-943	2.6	22
18	A methodology to establish a database to study gene environment interactions for childhood asthma. <i>BMC Medical Research Methodology</i> , 2010 , 10, 107	4.7	13
17	Factors associated with quality of life in children with asthma living in Scotland. <i>Pediatric Pulmonology</i> , 2016 , 51, 484-90	3.5	8
16	Variants in genes coding for glutathione S-transferases and asthma outcomes in children. <i>Pharmacogenomics</i> , 2018 , 19, 707-713	2.6	7
15	Pharmacogenomic associations of adverse drug reactions in asthma: systematic review and research prioritisation. <i>Pharmacogenomics Journal</i> , 2020 , 20, 621-628	3.5	5
14	Genome-wide association study of asthma exacerbations despite inhaled corticosteroid use. <i>European Respiratory Journal</i> , 2021 , 57,	13.6	5
13	Genome-wide association studies of exacerbations in children using long-acting beta2-agonists. <i>Pediatric Allergy and Immunology</i> , 2021 , 32, 1197-1207	4.2	5
12	The public perception of the facilitators and barriers to implementing personalized medicine: a systematic review. <i>Personalized Medicine</i> , 2019 ,	2.2	5
11	Combined analysis of transcriptomic and genetic data for the identification of loci involved in glucocorticosteroid response in asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021 , 76, 1238-1243	9.3	5
10	Asthma prescribing according to Arg16Gly beta-2 genotype: a randomised trial in adolescents. <i>European Respiratory Journal</i> , 2021 , 58,	13.6	4
9	How can we optimise inhaled beta2 agonist dose as believebmedicine for wheezy pre-school children? Study protocol for a randomised controlled trial. <i>Trials</i> , 2016 , 17, 541	2.8	1
8	Systematic review of nebulized antibiotics in cystic fibrosis: evolution of protocol. <i>Journal of the Royal Society of Medicine</i> , 1998 , 91 Suppl 34, 25-9	2.3	1
7	An FCER2 polymorphism is associated with increased oral leukotriene receptor antagonists and allergic rhinitis prescribing. <i>Clinical and Experimental Allergy</i> , 2021 , 51, 1089-1092	4.1	1
6	Identification of as a Potential Locus Associated with Inhaled Corticosteroid Response in Childhood Asthma. <i>Journal of Personalized Medicine</i> , 2021 , 11,	3.6	1

5	LTA4H rs2660845 association with montelukast response in early and late-onset asthma. <i>PLoS ONE</i> , 2021 , 16, e0257396	3.7	1
4	Filaggrin gene defects are associated with eczema, wheeze, and nasal disease during infancy: Prospective study. <i>Journal of Allergy and Clinical Immunology</i> , 2020 , 146, 681-682	11.5	0
3	ADRB2 haplotypes and asthma exacerbations in children and young adults: An individual participant data meta-analysis. <i>Clinical and Experimental Allergy</i> , 2021 , 51, 1157-1171	4.1	0
2	Environmental regulators of biological variation. <i>Journal of Tropical Pediatrics</i> , 2004 , 50, 217-8	1.2	
1	Considerations of a real life pragmatic clinical trial in adolescent asthma. <i>European Respiratory Journal</i> , 2021 , 58,	13.6	