

# Syed Asad Ali

## List of Publications by Year in descending order

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Version: 2024-02-01

67  
papers

4,180  
citations

279798

23  
h-index

123424

61  
g-index

70  
all docs

70  
docs citations

70  
times ranked

5818  
citing authors

#	ARTICLE	IF	CITATIONS
1	Global, regional, and national disease burden estimates of acute lower respiratory infections due to respiratory syncytial virus in young children in 2015: a systematic review and modelling study. <i>Lancet, The</i> , 2017, 390, 946-958.	13.7	1,634
2	Global epidemiology of invasive meningococcal disease. <i>Population Health Metrics</i> , 2013, 11, 17.	2.7	297
3	Use of quantitative molecular diagnostic methods to investigate the effect of enteropathogen infections on linear growth in children in low-resource settings: longitudinal analysis of results from the MAL-ED cohort study. <i>The Lancet Global Health</i> , 2018, 6, e1319-e1328.	6.3	280
4	Global burden of respiratory infections associated with seasonal influenza in children under 5 years in 2018: a systematic review and modelling study. <i>The Lancet Global Health</i> , 2020, 8, e497-e510.	6.3	235
5	Hepatitis B and hepatitis C in Pakistan: prevalence and risk factors. <i>International Journal of Infectious Diseases</i> , 2009, 13, 9-19.	3.3	222
6	Causal Pathways from Enteropathogens to Environmental Enteropathy: Findings from the MAL-ED Birth Cohort Study. <i>EBioMedicine</i> , 2017, 18, 109-117.	6.1	183
7	Rotavirus vaccine response correlates with the infant gut microbiota composition in Pakistan. <i>Gut Microbes</i> , 2018, 9, 93-101.	9.8	142
8	Environmental Enteric Dysfunction in Children. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2016, 63, 6-14.	1.8	91
9	Secretor and Salivary ABO Blood Group Antigen Status Predict Rotavirus Vaccine Take in Infants. <i>Journal of Infectious Diseases</i> , 2017, 215, 786-789.	4.0	72
10	Global burden of acute lower respiratory infection associated with human metapneumovirus in children under 5 years in 2018: a systematic review and modelling study. <i>The Lancet Global Health</i> , 2021, 9, e33-e43.	6.3	71
11	Impact of Withholding Breastfeeding at the Time of Vaccination on the Immunogenicity of Oral Rotavirus Vaccine—A Randomized Trial. <i>PLoS ONE</i> , 2015, 10, e0127622.	2.5	62
12	Global practices of meningococcal vaccine use and impact on invasive disease. <i>Pathogens and Global Health</i> , 2014, 108, 11-20.	2.3	59
13	Effect of Mobile Phone Text Message Reminders on Routine Immunization Uptake in Pakistan: Randomized Controlled Trial. <i>JMIR Public Health and Surveillance</i> , 2018, 4, e20.	2.6	57
14	Promising Biomarkers of Environmental Enteric Dysfunction: A Prospective Cohort study in Pakistani Children. <i>Scientific Reports</i> , 2018, 8, 2966.	3.3	45
15	Pakistan's expanded programme on immunization: An overview in the context of polio eradication and strategies for improving coverage. <i>Vaccine</i> , 2013, 31, 3313-3319.	3.8	41
16	Impact of Different Dosing Schedules on the Immunogenicity of the Human Rotavirus Vaccine in Infants in Pakistan: A Randomized Trial. <i>Journal of Infectious Diseases</i> , 2014, 210, 1772-1779.	4.0	41
17	Age and Sex Normalization of Intestinal Permeability Measures for the Improved Assessment of Enteropathy in Infancy and Early Childhood. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2017, 65, 31-39.	1.8	41
18	Mucosal Genomics Implicate Lymphocyte Activation and Lipid Metabolism in Refractory Environmental Enteric Dysfunction. <i>Gastroenterology</i> , 2021, 160, 2055-2071.e0.	1.3	38

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19	Vaccine coverage and adherence to EPI schedules in eight resource poor settings in the MAL-ED cohort study. <i>Vaccine</i> , 2017, 35, 443-451.	3.8	36
20	Assessment of Machine Learning Detection of Environmental Enteropathy and Celiac Disease in Children. <i>JAMA Network Open</i> , 2019, 2, e195822.	5.9	35
21	Reasons for non-vaccination and incomplete vaccinations among children in Pakistan. <i>Vaccine</i> , 2018, 36, 5288-5293.	3.8	34
22	Pathophysiology of environmental enteric dysfunction and its impact on oral vaccine efficacy. <i>Mucosal Immunology</i> , 2018, 11, 1290-1298.	6.0	33
23	Role of Human Metapneumovirus, Influenza A Virus and Respiratory Syncytial Virus in Causing WHO-Defined Severe Pneumonia in Children in a Developing Country. <i>PLoS ONE</i> , 2013, 8, e74756.	2.5	29
24	Global Respiratory Syncytial Virus-Related Infant Community Deaths. <i>Clinical Infectious Diseases</i> , 2021, 73, S229-S237.	5.8	29
25	Artificial Intelligence Applied to Gastrointestinal Diagnostics. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2020, 70, 4-11.	1.8	24
26	Environmental enteropathy. <i>Current Opinion in Gastroenterology</i> , 2016, 32, 12-17.	2.3	23
27	Study of Environmental Enteropathy and Malnutrition (SEEM) in Pakistan: protocols for biopsy based biomarker discovery and validation. <i>BMC Pediatrics</i> , 2019, 19, 247.	1.7	22
28	Infectious Etiologies of Intussusception Among Children &lt;2 Years Old in 4 Asian Countries. <i>Journal of Infectious Diseases</i> , 2020, 221, 1499-1505.	4.0	20
29	Environmental Enteropathy in Undernourished Pakistani Children: Clinical and Histomorphometric Analyses. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018, 98, 1577-1584.	1.4	20
30	Nutritional deficiency in an intestine-on-a-chip recapitulates injury hallmarks associated with environmental enteric dysfunction. <i>Nature Biomedical Engineering</i> , 2022, 6, 1236-1247.	22.5	20
31	Respiratory viruses associated with severe pneumonia in children under 2 years old in a rural community in Pakistan. <i>Journal of Medical Virology</i> , 2016, 88, 1882-1890.	5.0	16
32	Nasopharyngeal carriage of <i>Streptococcus pneumoniae</i> in children under 5 years of age before introduction of pneumococcal vaccine (PCV10) in urban and rural districts in Pakistan. <i>BMC Infectious Diseases</i> , 2018, 18, 672.	2.9	14
33	Serum anti-flagellin and anti-lipopolysaccharide immunoglobulins as predictors of linear growth faltering in Pakistani infants at risk for environmental enteric dysfunction. <i>PLoS ONE</i> , 2018, 13, e0193768.	2.5	14
34	Personalized Text Messages and Automated Calls for Improving Vaccine Coverage Among Children in Pakistan: Protocol for a Community-Based Cluster Randomized Clinical Trial. <i>JMIR Research Protocols</i> , 2019, 8, e12851.	1.0	14
35	RSV associated hospitalizations in children in Karachi, Pakistan: Implications for vaccine prevention strategies. <i>Journal of Medical Virology</i> , 2017, 89, 1151-1157.	5.0	13
36	Impact of maternally derived pertussis antibody titers on infant whole-cell pertussis vaccine response in a low income setting. <i>Vaccine</i> , 2018, 36, 7048-7053.	3.8	13

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37	Bile Acid Profiling Reveals Distinct Signatures in Undernourished Children with Environmental Enteric Dysfunction. <i>Journal of Nutrition</i> , 2021, 151, 3689-3700.	2.9	13
38	Pathobiome driven gut inflammation in Pakistani children with Environmental Enteric Dysfunction. <i>PLoS ONE</i> , 2019, 14, e0221095.	2.5	11
39	Global variation of COVID-19 mortality rates in the initial phase. <i>Osong Public Health and Research Perspectives</i> , 2021, 12, 64-72.	1.9	10
40	Congenital Infections, Part 2: Parvovirus, Listeria, Tuberculosis, Syphilis, and Varicella. <i>NeoReviews</i> , 2010, 11, e681-e695.	0.8	9
41	Recurrent Salmonellosis in a Child with Complete IL-12R $\beta$ 1 Deficiency. <i>Journal of Immunodeficiency &amp; Disorders</i> , 2014, 03, .	0.4	9
42	Effectiveness of 10-valent pneumococcal conjugate vaccine against vaccine-type invasive pneumococcal disease in Pakistan. <i>International Journal of Infectious Diseases</i> , 2019, 80, 28-33.	3.3	8
43	Intussusception among children less than 2 years of age: Findings from pre-vaccine introduction surveillance in Pakistan. <i>Vaccine</i> , 2018, 36, 7775-7779.	3.8	7
44	Development and Validation of Parental Vaccine Attitudes Scale for Use in Low-income Setting. <i>Pediatric Infectious Disease Journal</i> , 2019, 38, e143-e148.	2.0	7
45	Direct and indirect effect of 10 valent pneumococcal vaccine on nasopharyngeal carriage in children under 2 years of age in Matiari, Pakistan. <i>Vaccine</i> , 2021, 39, 1319-1327.	3.8	7
46	Characteristics of mobile phone access and usage among caregivers in Pakistan – A mHealth survey of urban and rural population. <i>International Journal of Medical Informatics</i> , 2021, 156, 104600.	3.3	7
47	Status of introduction of pneumococcal conjugate vaccine in Pakistan. <i>Pediatric Infectious Disease</i> , 2016, 8, 64-66.	0.1	6
48	Deep Learning for Detecting Diseases in Gastrointestinal Biopsy Images. , 2019, , .		6
49	Deep Learning for Visual Recognition of Environmental Enteropathy and Celiac Disease. , 2019, , .		6
50	Gut integrity and duodenal enteropathogen burden in undernourished children with environmental enteric dysfunction. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009584.	3.0	6
51	Diagnosis of Celiac Disease and Environmental Enteropathy on Biopsy Images Using Color Balancing on Convolutional Neural Networks. <i>Advances in Intelligent Systems and Computing</i> , 2020, 1069, 750-765.	0.6	6
52	Pandemic influenza A(H1N1)pdm09: An unrecognized cause of mortality in children in Pakistan. <i>Scandinavian Journal of Infectious Diseases</i> , 2013, 45, 791-795.	1.5	5
53	Impact of maternal respiratory infections on low birth weight - a community based longitudinal study in an urban setting in Pakistan. <i>BMC Pregnancy and Childbirth</i> , 2017, 17, 111.	2.4	5
54	Serotype-specific effectiveness against pneumococcal carriage and serotype replacement after ten-valent Pneumococcal Conjugate Vaccine (PCV10) introduction in Pakistan. <i>PLoS ONE</i> , 2022, 17, e0262466.	2.5	5

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55	Human metapneumovirus in hospitalized children less than 5 years of age in Pakistan. <i>Journal of Medical Virology</i> , 2018, 90, 1027-1032.	5.0	4
56	Machine learning model demonstrates stunting at birth and systemic inflammatory biomarkers as predictors of subsequent infant growth – a four-year prospective study. <i>BMC Pediatrics</i> , 2020, 20, 498.	1.7	4
57	Methods for estimating the direct and indirect effect of 10 valent pneumococcal vaccine on nasopharyngeal carriage in children under 2 years in Matiari, Pakistan. <i>MethodsX</i> , 2021, 8, 101357.	1.6	4
58	Conditional random slope: A new approach for estimating individual child growth velocity in epidemiological research. <i>American Journal of Human Biology</i> , 2017, 29, e23009.	1.6	3
59	Outcome of inadvertent high dose BCG administration in newborns at a tertiary care hospital, Karachi- Case series. <i>PLoS ONE</i> , 2019, 14, e0219324.	2.5	3
60	Applying a governance barometer to vaccine delivery systems: Lessons from a rural district of Pakistan. <i>Vaccine</i> , 2020, 38, 627-634.	3.8	3
61	Impact of 10-valent Pneumococcal Conjugate Vaccine (PCV10) on nasopharyngeal carriage in children 2 years of age: Data from a four-year time series cross-sectional study from Pakistan. <i>Data in Brief</i> , 2021, 35, 106828.	1.0	1
62	Implementation challenges from a prospective, interventional biopsy-based study of Environmental Enteropathy in rural Pakistan. <i>F1000Research</i> , 0, 10, 549.	1.6	1
63	Antimicrobial Resistance in Pneumococcal Carriage Isolates from Children under 2 Years of Age in Rural Pakistan. <i>Microbiology Spectrum</i> , 2021, 9, e0101921.	3.0	1
64	Association of Anti-Rotavirus IgA Seroconversion with Growth, Environmental Enteric Dysfunction and Enteropathogens in Rural Pakistani Infants. <i>Vaccine</i> , 2022, 40, 3444-3451.	3.8	1
65	Implementation challenges from a prospective, interventional biopsy-based study of Environmental Enteropathy in rural Pakistan. <i>F1000Research</i> , 0, 10, 549.	1.6	0
66	A retrospective review on antibiotic use in acute watery diarrhea in children in a tertiary care hospital of Karachi, Pakistan. <i>PLoS ONE</i> , 2021, 16, e0253712.	2.5	0
67	Sample size calculation and sampling techniques. <i>JPMA the Journal of the Pakistan Medical Association</i> , 2012, 62, 624-6.	0.2	0