

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	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
2	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
3	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
4	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
5	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
6	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
7	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
8	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
9	Mucosal Genomics Implicate Lymphocyte Activation and Lipid Metabolism in Refractory Environmental Enteric Dysfunction. <i>Gastroenterology</i> , 2021, 160, 2055-2071.e0.	1.3	38
10	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
11	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
12	Global Respiratory Syncytial Virus-Related Infant Community Deaths. <i>Clinical Infectious Diseases</i> , 2021, 73, S229-S237.	5.8	29
13	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
14	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
15	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
16	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
17	Artificial Intelligence Applied to Gastrointestinal Diagnostics. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2020, 70, 4-11.	1.8	24
18	Infectious Etiologies of Intussusception Among Children <2 Years Old in 4 Asian Countries. <i>Journal of Infectious Diseases</i> , 2020, 221, 1499-1505.	4.0	20

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19	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
20	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
21	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
22	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
23	Deep Learning for Detecting Diseases in Gastrointestinal Biopsy Images. , 2019, , .		6
24	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
25	Pathobiome driven gut inflammation in Pakistani children with Environmental Enteric Dysfunction. <i>PLoS ONE</i> , 2019, 14, e0221095.	2.5	11
26	Assessment of Machine Learning Detection of Environmental Enteropathy and Celiac Disease in Children. <i>JAMA Network Open</i> , 2019, 2, e195822.	5.9	35
27	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
28	Deep Learning for Visual Recognition of Environmental Enteropathy and Celiac Disease. , 2019, , .		6
29	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
30	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
31	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
32	Promising Biomarkers of Environmental Enteric Dysfunction: A Prospective Cohort study in Pakistani Children. <i>Scientific Reports</i> , 2018, 8, 2966.	3.3	45
33	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
34	Rotavirus vaccine response correlates with the infant gut microbiota composition in Pakistan. <i>Gut Microbes</i> , 2018, 9, 93-101.	9.8	142
35	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
36	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

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37	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
38	Reasons for non-vaccination and incomplete vaccinations among children in Pakistan. <i>Vaccine</i> , 2018, 36, 5288-5293.	3.8	34
39	Pathophysiology of environmental enteric dysfunction and its impact on oral vaccine efficacy. <i>Mucosal Immunology</i> , 2018, 11, 1290-1298.	6.0	33
40	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
41	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
42	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
43	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
44	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
45	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
46	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
47	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
48	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
49	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</i> , 2017, 390, 946-958.	13.7	1,634
50	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
51	Environmental enteropathy. <i>Current Opinion in Gastroenterology</i> , 2016, 32, 12-17.	2.3	23
52	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
53	Status of introduction of pneumococcal conjugate vaccine in Pakistan. <i>Pediatric Infectious Disease</i> , 2016, 8, 64-66.	0.1	6
54	Environmental Enteric Dysfunction in Children. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2016, 63, 6-14.	1.8	91

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55	Impact of Withholding Breastfeeding at the Time of Vaccination on the Immunogenicity of Oral Rotavirus Vaccine—A Randomized Trial. PLoS ONE, 2015, 10, e0127622.	2.5	62
56	Impact of Different Dosing Schedules on the Immunogenicity of the Human Rotavirus Vaccine in Infants in Pakistan: A Randomized Trial. Journal of Infectious Diseases, 2014, 210, 1772-1779.	4.0	41
57	Global practices of meningococcal vaccine use and impact on invasive disease. Pathogens and Global Health, 2014, 108, 11-20.	2.3	59
58	Recurrent Salmonellosis in a Child with Complete IL-12R β 1 Deficiency. Journal of Immunodeficiency & Disorders, 2014, 03, .	0.4	9
59	Pandemic influenza A(H1N1)pdm09: An unrecognized cause of mortality in children in Pakistan. Scandinavian Journal of Infectious Diseases, 2013, 45, 791-795.	1.5	5
60	Global epidemiology of invasive meningococcal disease. Population Health Metrics, 2013, 11, 17.	2.7	297
61	Pakistan's expanded programme on immunization: An overview in the context of polio eradication and strategies for improving coverage. Vaccine, 2013, 31, 3313-3319.	3.8	41
62	Role of Human Metapneumovirus, Influenza A Virus and Respiratory Syncytial Virus in Causing WHO-Defined Severe Pneumonia in Children in a Developing Country. PLoS ONE, 2013, 8, e74756.	2.5	29
63	Sample size calculation and sampling techniques. JPMA the Journal of the Pakistan Medical Association, 2012, 62, 624-6.	0.2	0
64	Congenital Infections, Part 2: Parvovirus, Listeria, Tuberculosis, Syphilis, and Varicella. NeoReviews, 2010, 11, e681-e695.	0.8	9
65	Hepatitis B and hepatitis C in Pakistan: prevalence and risk factors. International Journal of Infectious Diseases, 2009, 13, 9-19.	3.3	222
66	Implementation challenges from a prospective, interventional biopsy-based study of Environmental Enteropathy in rural Pakistan. F1000Research, 0, 10, 549.	1.6	0
67	Implementation challenges from a prospective, interventional biopsy-based study of Environmental Enteropathy in rural Pakistan. F1000Research, 0, 10, 549.	1.6	1