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List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

553
citations

840776

11
h-index

713466

21
g-index

46
all docs

46
docs citations

46
times ranked

649
citing authors

#	ARTICLE	IF	CITATIONS
1	Environmental Enteric Dysfunction in Children. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2016, 63, 6-14.	1.8	91
2	Promising Biomarkers of Environmental Enteric Dysfunction: A Prospective Cohort study in Pakistani Children. <i>Scientific Reports</i> , 2018, 8, 2966.	3.3	45
3	Mucosal Genomics Implicate Lymphocyte Activation and Lipid Metabolism in Refractory Environmental Enteric Dysfunction. <i>Gastroenterology</i> , 2021, 160, 2055-2071.e0.	1.3	38
4	Assessment of Machine Learning Detection of Environmental Enteropathy and Celiac Disease in Children. <i>JAMA Network Open</i> , 2019, 2, e195822.	5.9	35
5	A novel histological index for evaluation of environmental enteric dysfunction identifies geographic-specific features of enteropathy among children with suboptimal growth. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0007975.	3.0	34
6	HMIC: Hierarchical Medical Image Classification, A Deep Learning Approach. <i>Information (Switzerland)</i> , 2020, 11, 318.	2.9	33
7	Biomarkers of Systemic Inflammation and Growth in Early Infancy are Associated with Stunting in Young Tanzanian Children. <i>Nutrients</i> , 2018, 10, 1158.	4.1	23
8	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
9	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
10	Deep Learning for Whole-Slide Tissue Histopathology Classification: A Comparative Study in the Identification of Dysplastic and Non-Dysplastic Barrett's Esophagus. <i>Journal of Personalized Medicine</i> , 2020, 10, 141.	2.5	19
11	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
12	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
13	High SMAD7 and p-SMAD2,3 expression is associated with environmental enteropathy in children. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006224.	3.0	12
14	Pathobiome driven gut inflammation in Pakistani children with Environmental Enteric Dysfunction. <i>PLoS ONE</i> , 2019, 14, e0221095.	2.5	11
15	Artificial Intelligence and Its Role in Identifying Esophageal Neoplasia. <i>Digestive Diseases and Sciences</i> , 2020, 65, 3448-3455.	2.3	11
16	Ten simple rules for engaging with artificial intelligence in biomedicine. <i>PLoS Computational Biology</i> , 2021, 17, e1008531.	3.2	11
17	Celiac Disease Screening for High-Risk Groups: Are We Doing It Right?. <i>Digestive Diseases and Sciences</i> , 2020, 65, 2187-2195.	2.3	10
18	CeliacNet: Celiac Disease Severity Diagnosis on Duodenal Histopathological Images Using Deep Residual Networks. , 2019, 2019, 962-967.		9

#	ARTICLE	IF	CITATIONS
19	Potential for Standardization and Automation for Pathology and Endoscopy in Inflammatory Bowel Disease. <i>Inflammatory Bowel Diseases</i> , 2020, 26, 1490-1497.	1.9	9
20	Time to regain birth weight predicts neonatal growth velocity: A single-center experience. <i>Clinical Nutrition ESPEN</i> , 2020, 38, 165-171.	1.2	9
21	Machine Learning Predictive Outcomes Modeling in Inflammatory Bowel Diseases. <i>Inflammatory Bowel Diseases</i> , 2022, 28, 819-829.	1.9	8
22	Hierarchical Deep Convolutional Neural Networks for Multi-category Diagnosis of Gastrointestinal Disorders on Histopathological Images. , 2020, , .		8
23	Cholestasis affects enteral tolerance and prospective weight gain in the NICU. <i>Clinical Nutrition ESPEN</i> , 2019, 30, 119-125.	1.2	7
24	Artificial Intelligence-based Analytics for Diagnosis of Small Bowel Enteropathies and Black Box Feature Detection. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2021, 72, 833-841.	1.8	7
25	Deep Learning for Visual Recognition of Environmental Enteropathy and Celiac Disease. , 2019, , .		6
26	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
27	Deep Learning Methods for Anatomical Landmark Detection in Video Capsule Endoscopy Images. <i>Advances in Intelligent Systems and Computing</i> , 2021, 1288, 426-434.	0.6	6
28	Semi-Supervised Classification of Noisy, Gigapixel Histology Images. , 2020, 2020, 563-568.		6
29	Advancing Eosinophilic Esophagitis Diagnosis and Phenotype Assessment with Deep Learning Computer Vision. , 2021, 2021, 44-55.		5
30	Application of Artificial Intelligence to Clinical Practice in Inflammatory Bowel Disease – What the Clinician Needs to Know. <i>Journal of Crohn's and Colitis</i> , 2022, 16, 460-471.	1.3	5
31	Distance from Healthcare Facilities Is Associated with Increased Morbidity of Acute Infection in Pediatric Patients in Matiari, Pakistan. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 11691.	2.6	5
32	Screening for Barrett's Esophagus with Probe-Based Confocal Laser Endomicroscopy Videos. , 2020, 2020, 1659-1663.		4
33	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
34	Duodenal Biopsies Classification and Understanding using Convolutional Neural Networks. <i>AMIA Summits on Translational Science Proceedings</i> , 2019, 2019, 453-461.	0.4	2
35	Semi-Supervised Classification of Noisy, Gigapixel Histology Images. <i>Proceedings-- IEEE International Symposium on Bioinformatics and Bioengineering</i> , 2020, 2020, 563-568.	1.0	2
36	Tissue is the Issue: Duodenal Biopsies to Elucidate Gut Structure and Function Among Undernourished Children in Low-Resource Settings. <i>EBioMedicine</i> , 2017, 23, 10-11.	6.1	1

#	ARTICLE	IF	CITATIONS
37	Two-Year-Old With a Limp and Suspected Nonaccidental Injury. Journal of Pediatric Gastroenterology and Nutrition, 2018, 67, e11.	1.8	1
38	Association of Anti-Rotavirus IgA Seroconversion with Growth, Environmental Enteric Dysfunction and Enteropathogens in Rural Pakistani Infants. Vaccine, 2022, 40, 3444-3451.	3.8	1
39	CoMixMatch: Semi-supervised Detection of Pancreatic Cancer on Noisy, Gigapixel Histology Images. , 2021, , .		0
40	Dialing in Prevention of Childhood Stunting and Diarrhea in Low-Income Countries. Clinical Infectious Diseases, 2021, 73, e2569-e2570.	5.8	0
41	Title is missing!. , 2020, 14, e0007975.		0
42	Title is missing!. , 2020, 14, e0007975.		0
43	Title is missing!. , 2020, 14, e0007975.		0
44	Deep Learning for Predicting Pediatric Crohn's Disease Using Histopathological Imaging. , 2022, , .		0