

# Aliye Uc

## List of Publications by Year in descending order

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Version: 2024-02-01

86  
papers

4,494  
citations

109321

35  
h-index

106344

65  
g-index

94  
all docs

94  
docs citations

94  
times ranked

3535  
citing authors

#	ARTICLE	IF	CITATIONS
1	Disruption of the <i>CFTR</i> Gene Produces a Model of Cystic Fibrosis in Newborn Pigs. <i>Science</i> , 2008, 321, 1837-1841.	12.6	686
2	Cystic Fibrosis Pigs Develop Lung Disease and Exhibit Defective Bacterial Eradication at Birth. <i>Science Translational Medicine</i> , 2010, 2, 29ra31.	12.4	416
3	Definitions of Pediatric Pancreatitis and Survey of Present Clinical Practices. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2012, 55, 261-265.	1.8	354
4	Risk Factors Associated With Pediatric Acute Recurrent and Chronic Pancreatitis. <i>JAMA Pediatrics</i> , 2016, 170, 562.	6.2	205
5	The $\Delta F508$ Mutation Causes <i>CFTR</i> Misprocessing and Cystic Fibrosis-Like Disease in Pigs. <i>Science Translational Medicine</i> , 2011, 3, 74ra24.	12.4	178
6	Pediatric Chronic Pancreatitis Is Associated with Genetic Risk Factors and Substantial Disease Burden. <i>Journal of Pediatrics</i> , 2015, 166, 890-896.e1.	1.8	165
7	Management of Acute Pancreatitis in the Pediatric Population. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2018, 66, 159-176.	1.8	162
8	Polyethylene glycol 3350 without electrolytes: A new safe, effective, and palatable bowel preparation for colonoscopy in children. <i>Journal of Pediatrics</i> , 2004, 144, 358-362.	1.8	115
9	Pancreatitis in Children. <i>Gastroenterology</i> , 2019, 156, 1969-1978.	1.3	90
10	EPC/HPSG evidence-based guidelines for the management of pediatric pancreatitis. <i>Pancreatology</i> , 2018, 18, 146-160.	1.1	89
11	<i>CFTR</i> : A New Horizon in the Pathomechanism and Treatment of Pancreatitis. <i>Reviews of Physiology, Biochemistry and Pharmacology</i> , 2016, 170, 37-66.	1.6	82
12	Abnormal Glucose Tolerance in Infants and Young Children with Cystic Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 194, 974-980.	5.6	77
13	Causal Evaluation of Acute Recurrent and Chronic Pancreatitis in Children. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2017, 64, 95-103.	1.8	73
14	Autoimmune Pancreatitis in Children: Characteristic Features, Diagnosis, and Management. <i>American Journal of Gastroenterology</i> , 2017, 112, 1604-1611.	0.4	70
15	Recurrent Acute Pancreatitis. <i>Pancreas</i> , 2018, 47, 653-666.	1.1	69
16	Early-Onset Acute Recurrent and Chronic Pancreatitis Is Associated with <i>PRSS1</i> or <i>CTRC</i> Gene Mutations. <i>Journal of Pediatrics</i> , 2017, 186, 95-100.	1.8	68
17	Glycaemic regulation and insulin secretion are abnormal in cystic fibrosis pigs despite sparing of islet cell mass. <i>Clinical Science</i> , 2015, 128, 131-142.	4.3	64
18	Design and Implementation of INSPPIRE. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2014, 59, 360-364.	1.8	60

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19	CFTR Influences Beta Cell Function and Insulin Secretion Through Non-Cell Autonomous Exocrine-Derived Factors. <i>Endocrinology</i> , 2017, 158, 3325-3338.	2.8	59
20	Nutritional Considerations in Pediatric Pancreatitis. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2018, 67, 131-143.	1.8	58
21	Functional Gastrointestinal Disorders in African American Children in Primary Care. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2006, 42, 270-274.	1.8	57
22	Pancreatic Damage in Fetal and Newborn Cystic Fibrosis Pigs Involves the Activation of Inflammatory and Remodeling Pathways. <i>American Journal of Pathology</i> , 2012, 181, 499-507.	3.8	56
23	Paediatric pancreatitis. <i>Current Opinion in Gastroenterology</i> , 2015, 31, 380-386.	2.3	50
24	Chronic Pancreatitis. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2019, 68, 566-573.	1.8	50
25	Direct Costs of Acute Recurrent and Chronic Pancreatitis in Children in the INSPPIRE Registry. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2016, 62, 443-449.	1.8	49
26	Analysis of fasting antroduodenal manometry in children. <i>Digestive Diseases and Sciences</i> , 1996, 41, 2195-2203.	2.3	45
27	Therapeutic Endoscopic Retrograde Cholangiopancreatography in Pediatric Patients With Acute Recurrent and Chronic Pancreatitis. <i>Pancreas</i> , 2017, 46, 764-769.	1.1	45
28	Treatment of <i>Helicobacter pylori</i> Gastritis Improves Dyspeptic Symptoms in Children. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2002, 34, 281-285.	1.8	43
29	Heme transport exhibits polarity in Caco-2 cells: evidence for an active and membrane protein-mediated process. <i>American Journal of Physiology - Renal Physiology</i> , 2004, 287, G1150-G1157.	3.4	41
30	Toxicâ€œmetabolic Risk Factors in Pediatric Pancreatitis. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2016, 62, 609-617.	1.8	39
31	Risk Factors for Rapid Progression From Acute Recurrent to Chronic Pancreatitis in Children. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2019, 69, 206-211.	1.8	39
32	Pancreatic Disorders. <i>Pediatric Clinics of North America</i> , 2017, 64, 685-706.	1.8	38
33	A Transient Metabolic Recovery from Early Life Glucose Intolerance in Cystic Fibrosis Ferrets Occurs During Pancreatic Remodeling. <i>Endocrinology</i> , 2016, 157, 1852-1865.	2.8	37
34	Diagnosis and management of children with Blue Rubber Bleb Nevus Syndrome: A multi-center case series. <i>Digestive and Liver Disease</i> , 2019, 51, 1537-1546.	0.9	37
35	Pancreatic and biliary secretion are both altered in cystic fibrosis pigs. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 303, G961-G968.	3.4	36
36	International Study Group of Pediatric Pancreatitis: In Search for a CuRE Cohort Study. <i>Pancreas</i> , 2018, 47, 1222-1228.	1.1	36

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37	Recommendations for Diagnosis and Management of Autoimmune Pancreatitis in Childhood. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2018, 67, 232-236.	1.8	35
38	Pancreas Divisum in Pediatric Acute Recurrent and Chronic Pancreatitis. <i>Journal of Clinical Gastroenterology</i> , 2019, 53, e232-e238.	2.2	35
39	Gastric Volvulus and Wandering Spleen. <i>American Journal of Gastroenterology</i> , 1998, 93, 1146-1148.	0.4	34
40	Heme Oxygenase-1 Is Protective Against Nonsteroidal Anti-inflammatory Drug-induced Gastric Ulcers. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2012, 54, 471-476.	1.8	31
41	Simplified and versatile method for isolation of high-quality RNA from pancreas. <i>BioTechniques</i> , 2012, 52, 332-334.	1.8	27
42	Standard Operating Procedures for Biospecimen Collection, Processing, and Storage. <i>Pancreas</i> , 2018, 47, 1213-1221.	1.1	22
43	An Activated Immune and Inflammatory Response Targets the Pancreas of Newborn Pigs with Cystic Fibrosis. <i>Pancreatology</i> , 2011, 11, 506-515.	1.1	21
44	Animal Models. <i>Pancreas</i> , 2019, 48, 759-779.	1.1	21
45	Pancreatic and Islet Remodeling in Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) Knockout Ferrets. <i>American Journal of Pathology</i> , 2018, 188, 876-890.	3.8	20
46	Diabetes Mellitus in Children with Acute Recurrent and Chronic Pancreatitis. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2019, 69, 599-606.	1.8	20
47	Death in Pediatric Intensive Care Unit. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2015, 61, 1-2.	1.8	20
48	Impact of Obesity on Pediatric Acute Recurrent and Chronic Pancreatitis. <i>Pancreas</i> , 2018, 47, 967-973.	1.1	19
49	Factors Associated With Frequent Opioid Use in Children With Acute Recurrent and Chronic Pancreatitis. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2020, 70, 106-114.	1.8	18
50	Web-based cognitive-behavioral intervention for pain in pediatric acute recurrent and chronic pancreatitis: Protocol of a multicenter randomized controlled trial from the study of chronic pancreatitis, diabetes and pancreatic cancer (CPDPC). <i>Contemporary Clinical Trials</i> , 2020, 88, 105898.	1.8	18
51	Does Heme Oxygenase-1 Have a Role in Caco-2 Cell Cycle Progression?. <i>Experimental Biology and Medicine</i> , 2003, 228, 590-595.	2.4	15
52	Clinical and Practice Variations in Pediatric Acute Recurrent or Chronic Pancreatitis. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2020, 71, 112-118.	1.8	14
53	Peroxynitrite Inhibits Epidermal Growth Factor Receptor Signaling in Caco-2 Cells. <i>Digestive Diseases and Sciences</i> , 2003, 48, 2353-2359.	2.3	12
54	Hemin induces active chloride secretion in Caco-2 cells. <i>American Journal of Physiology - Renal Physiology</i> , 2005, 289, G202-G208.	3.4	11

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55	Predicting the Severity of Pediatric Acute Pancreatitis. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2013, 56, 584-585.	1.8	11
56	Recurrent Pancreatitis in Children. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2020, 70, 413-416.	1.8	11
57	Pseudomembranous Colitis with <i>Escherichia coli</i> O157:H7. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 1997, 24, 590-593.	1.8	11
58	Development of a polarized pancreatic ductular cell epithelium for physiological studies. <i>Journal of Applied Physiology</i> , 2018, 125, 97-106.	2.5	10
59	A Unified Treatment Algorithm and Admission Order Set for Pediatric Acute Pancreatitis. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2019, 68, e109-e111.	1.8	10
60	Precision Medicine in Pancreatic Disease—Knowledge Gaps and Research Opportunities. <i>Pancreas</i> , 2019, 48, 1250-1258.	1.1	9
61	Effect of peroxynitrite on motor function of the opossum esophagus. <i>Digestive Diseases and Sciences</i> , 2001, 46, 30-37.	2.3	8
62	Pediatric chronic pancreatitis without prior acute or acute recurrent pancreatitis: A report from the INSPPIRE consortium. <i>Pancreatology</i> , 2020, 20, 781-784.	1.1	8
63	Functional Pancreatic Sphincter Dysfunction in Children. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2019, 69, 704-709.	1.8	7
64	Interobserver Agreement for CT and MRI Findings of Chronic Pancreatitis in Children: A Multicenter Ancillary Study Under the INSPPIRE Consortium. <i>American Journal of Roentgenology</i> , 2022, 219, 303-313.	2.2	7
65	Tin protoporphyrin induces intestinal chloride secretion by inducing light oxidation processes. <i>American Journal of Physiology - Cell Physiology</i> , 2007, 292, C1906-C1914.	4.6	6
66	Toxic—Metabolic Risk Factors Are Uncommon in Pediatric Chronic Pancreatitis. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2016, 62, e66-7.	1.8	6
67	Lack of CFTR alters the ferret pancreatic ductal epithelial secretome and cellular proteome: Implications for exocrine/endocrine signaling. <i>Journal of Cystic Fibrosis</i> , 2022, 21, 172-180.	0.7	6
68	Pancreatic Pain—Knowledge Gaps and Research Opportunities in Children and Adults. <i>Pancreas</i> , 2021, 50, 906-915.	1.1	6
69	Quantifying Insulin Sensitivity and Entero-Insular Responsiveness to Hyper- and Hypoglycemia in Ferrets. <i>PLoS ONE</i> , 2014, 9, e90519.	2.5	5
70	Vascular Complications in Pediatric Pancreatitis: A Case Series. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2021, 73, e94-e97.	1.8	5
71	Esophageal Candidiasis in an Infant With Reflux Esophagitis. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2000, 31, 572-574.	1.8	4
72	Oxidative stress and impaired insulin secretion in cystic fibrosis pig pancreas. <i>Advances in Redox Research</i> , 2022, 5, 100040.	2.1	4

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73	Metabolism of haem in Caco-2 cells. <i>Experimental Physiology</i> , 2010, 95, 296-303.	2.0	3
74	Health-Related Quality of Life in Pediatric Acute Recurrent or Chronic Pancreatitis. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2022, 74, 636-642.	1.8	3
75	The Role of Surgical Management in Chronic Pancreatitis in Children. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2022, 74, 706-719.	1.8	3
76	Reactive plasmacytosis and plasmacytic skin infiltration in a patient. <i>European Journal of Haematology</i> , 1995, 55, 131-132.	2.2	2
77	A Novel Stomach-Pancreas Connection: More than Physical. <i>EBioMedicine</i> , 2018, 37, 25-26.	6.1	2
78	Incretin dysfunction and hyperglycemia in cystic fibrosis: Role of acyl-ghrelin. <i>Journal of Cystic Fibrosis</i> , 2019, 18, 557-565.	0.7	2
79	Progression from acute to chronic pancreatitis associated with CFTR and SPINK1 mutations. <i>Pancreatology</i> , 2020, 20, 1019-1020.	1.1	2
80	Drug-Induced Pancreatitis in a Pediatric Patient Following Acetaminophen Overdose. <i>Pancreas</i> , 2020, 49, e45-e46.	1.1	2
81	Acute pancreatitis-induced islet dysfunction in ferrets. <i>Pancreatology</i> , 2021, 21, 839-847.	1.1	1
82	An assessment of pancreatology education in North American pediatric gastroenterology fellowship programs. <i>Pancreatology</i> , 2022, 22, 142-147.	1.1	1
83	Is Total Pancreatectomy with Islet Autotransplantation A Reasonable Choice for Pediatric Pancreatitis?. <i>JOP: Journal of the Pancreas</i> , 2015, 16, 335-41.	1.5	1
84	Is Recurrent Abdominal Pain of Childhood A Psychosomatic Disorder?. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2004, 39, 571-572.	1.8	0
85	Hereditary Pancreatitis and Chronic Pancreatitis. , 2016, , 395-403.		0
86	Special Types of Chronic Pancreatitis. , 2017, , 141-177.		0