

# Oluyinka O Olutoye

## List of Publications by Year in descending order

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Version: 2024-02-01

78  
papers

2,340  
citations

201674

27  
h-index

254184

43  
g-index

79  
all docs

79  
docs citations

79  
times ranked

1922  
citing authors

#	ARTICLE	IF	CITATIONS
1	Depletion and enrichment of phytosterols in soybean oil lipid emulsions directly associate with serum markers of cholestasis in preterm parenteral nutritionâ€fed pigs. <i>Journal of Parenteral and Enteral Nutrition</i> , 2022, 46, 160-171.	2.6	3
2	A Review of Hypertrophic Scar and Keloid Treatment and Prevention in the Pediatric Population: Where Are We Now?. <i>Advances in Wound Care</i> , 2022, 11, 255-279.	5.1	8
3	Does creating a dome reduce recurrence in congenital diaphragmatic hernia following patch repair?. <i>Journal of Pediatric Surgery</i> , 2022, 57, 637-642.	1.6	6
4	Chronic wounds: Treatment consensus. <i>Wound Repair and Regeneration</i> , 2022, 30, 156-171.	3.0	83
5	Prognostic profiling of children with serious post-operative complications: A novel probability model for failure to rescue. <i>Journal of Pediatric Surgery</i> , 2021, 56, 207-212.	1.6	6
6	Prematurity blunts the insulin- and amino acid-induced stimulation of translation initiation and protein synthesis in skeletal muscle of neonatal pigs. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2021, 320, E551-E565.	3.5	12
7	Personalized Graduate Medical Education and the Global Surgeon: Training for Resource-Limited Settings. <i>Academic Medicine</i> , 2021, 96, 384-389.	1.6	9
8	Intermittent bolus feeding does not enhance protein synthesis, myonuclear accretion, or lean growth more than continuous feeding in a premature piglet model. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2021, 321, E737-E752.	3.5	8
9	Timing of Prenatal Magnetic Resonance Imaging in the Assessment of Congenital Diaphragmatic Hernia. <i>Fetal Diagnosis and Therapy</i> , 2020, 47, 205-213.	1.4	8
10	Evaluation and Disposition of Fetal Myelomeningocele Repair Candidates: A Large Referral Center Experience. <i>Fetal Diagnosis and Therapy</i> , 2020, 47, 115-122.	1.4	8
11	Prenatal Imaging Features and Postnatal Factors Associated with Gastrointestinal Morbidity in Congenital Diaphragmatic Hernia. <i>Fetal Diagnosis and Therapy</i> , 2020, 47, 252-260.	1.4	9
12	Comparison of two fetoscopic open neural tube defect repair techniques: singleâ€vs</i> threeâ€layer closure. <i>Ultrasound in Obstetrics and Gynecology</i> , 2020, 56, 532-540.	1.7	41
13	Academic Advancement in Global Surgery: Appointment, Promotion, and Tenure. <i>Annals of Surgery</i> , 2020, 271, 279-282.	4.2	7
14	Prenatal Imaging to Predict Need for Urgent Perinatal Surgery in Congenital Lung Lesions. <i>Journal of Surgical Research</i> , 2020, 255, 463-468.	1.6	13
15	Same Anesthesia Endoscopic Retrograde Cholangiopancreatography and Laparoscopic Cholecystectomy. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2020, 71, 203-207.	1.8	5
16	Hepatic separation of conjoined twins: Operative technique and review of three-dimensional model utilization. <i>Journal of Pediatric Surgery</i> , 2020, 55, 2828-2835.	1.6	15
17	Provisional extension to induce complete attachment of an endovascular repair for acute type A aortic dissection with visceral malperfusion. <i>JTCVS Techniques</i> , 2020, 3, 61-63.	0.4	5
18	Accuracy of prenatal and postnatal imaging for management of congenital lung malformations. <i>Journal of Pediatric Surgery</i> , 2020, 55, 844-847.	1.6	15

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19	Prematurity blunts the feeding-induced stimulation of translation initiation signaling and protein synthesis in muscle of neonatal piglets. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 317, E839-E851.	3.5	15
20	Prenatal diagnosis and management of omphalocele. <i>Seminars in Pediatric Surgery</i> , 2019, 28, 84-88.	1.1	39
21	Fetal echocardiography (ECHO) in assessment of structural heart defects in congenital diaphragmatic hernia patients: Is early postnatal ECHO necessary for ECMO candidacy?. <i>Journal of Pediatric Surgery</i> , 2019, 54, 920-924.	1.6	4
22	An Unreported Complication After Fetoscopic Myelomeningocele Closure. <i>Journal of Craniofacial Surgery</i> , 2019, 30, 578-580.	0.7	6
23	Fetal endoscopic tracheal occlusion reduces pulmonary hypertension in severe congenital diaphragmatic hernia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2019, 54, 752-758.	1.7	33
24	Congenital diaphragmatic hernia repair in patients on extracorporeal membrane oxygenation: How early can we repair?. <i>Journal of Pediatric Surgery</i> , 2019, 54, 50-54.	1.6	11
25	Early vs late resection of asymptomatic congenital lung malformations. <i>Journal of Pediatric Surgery</i> , 2019, 54, 70-74.	1.6	24
26	Fetal Surgery Decreases Anesthesia-Induced Neuroapoptosis in the Mid-Gestational Fetal Ovine Brain. <i>Fetal Diagnosis and Therapy</i> , 2019, 46, 111-118.	1.4	10
27	Prenatal intervention for the management of congenital diaphragmatic hernia. <i>Pediatric Surgery International</i> , 2018, 34, 579-587.	1.4	13
28	Evaluating quality of life of extracorporeal membrane oxygenation survivors using the pediatric quality of life inventory survey. <i>Journal of Pediatric Surgery</i> , 2018, 53, 1060-1064.	1.6	14
29	Necrotizing enterocolitis in patients with congenital heart disease: A single center experience. <i>Journal of Pediatric Surgery</i> , 2018, 53, 914-917.	1.6	37
30	A novel multimodal computational system using near-infrared spectroscopy predicts the need for ECMO initiation in neonates with congenital diaphragmatic hernia. <i>Journal of Pediatric Surgery</i> , 2018, 53, 152-158.	1.6	6
31	Food and Drug Administration warning on anesthesia and brain development: implications for obstetric and fetal surgery. <i>American Journal of Obstetrics and Gynecology</i> , 2018, 218, 98-102.	1.3	95
32	Extracorporeal Membrane Oxygenation in Premature Infants With Congenital Diaphragmatic Hernia. <i>ASAIO Journal</i> , 2018, 64, e126-e129.	1.6	6
33	Simulation-Based Clinical Rehearsals as a Method for Improving Patient Safety. <i>JAMA Surgery</i> , 2018, 153, 1143.	4.3	7
34	The impact of fetal endoscopic tracheal occlusion in isolated left-sided congenital diaphragmatic hernia on left-sided cardiac dimensions. <i>Prenatal Diagnosis</i> , 2018, 38, 812-820.	2.3	6
35	Use of a novel docosahexaenoic acid formulation vs control in a neonatal porcine model of short bowel syndrome leads to greater intestinal absorption and higher systemic levels of DHA. <i>Nutrition Research</i> , 2017, 39, 51-60.	2.9	7
36	Use of renal near-infrared spectroscopy measurements in congenital diaphragmatic hernia patients on ECMO. <i>Journal of Pediatric Surgery</i> , 2017, 52, 689-692.	1.6	15

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37	Fetoscopic Open Neural Tube Defect Repair. <i>Obstetrics and Gynecology</i> , 2017, 129, 734-743.	2.4	260
38	Fetal left-sided cardiac structural dimensions in left-sided congenital diaphragmatic hernia - association with severity and impact on postnatal outcomes. <i>Prenatal Diagnosis</i> , 2017, 37, 502-509.	2.3	25
39	Early postnatal bladder function in fetoscopic myelomeningocele repair patients. <i>Journal of Pediatric Rehabilitation Medicine</i> , 2017, 10, 327-333.	0.5	8
40	Urologic Considerations in the Separation of Thoracoomphalopagus Conjoined Twins. <i>Urology</i> , 2017, 99, 231-233.	1.0	4
41	Diminished Citrulline-Arginine-Nitric Oxide Production Rates are Associated with Necrotizing Enterocolitis Incidence in Premature Pigs. <i>FASEB Journal</i> , 2017, 31, 164.1.	0.5	0
42	Factors associated with fetal shunt dislodgement in lower urinary tract obstruction. <i>Prenatal Diagnosis</i> , 2016, 36, 720-725.	2.3	28
43	Space occupying lesions in the presence of congenital diaphragmatic hernia. <i>Journal of Pediatric Surgery</i> , 2016, 51, 710-713.	1.6	11
44	Vitamin E in New-Generation Lipid Emulsions Protects Against Parenteral Nutrition-Associated Liver Disease in Parenteral Nutrition-Fed Preterm Pigs. <i>Journal of Parenteral and Enteral Nutrition</i> , 2016, 40, 656-671.	2.6	70
45	An evaluation of the role of concomitant anomalies on the outcomes of fetuses with congenital diaphragmatic hernia. <i>Journal of Pediatric Surgery</i> , 2016, 51, 714-717.	1.6	22
46	In-utero radiofrequency ablation in fetal piglets: Lessons learned. <i>Journal of Pediatric Surgery</i> , 2016, 51, 554-558.	1.6	1
47	Repeated isoflurane exposure and neuroapoptosis in the midgestation fetal sheep brain. <i>American Journal of Obstetrics and Gynecology</i> , 2016, 214, 542.e1-542.e8.	1.3	36
48	A novel multimodal computational system using near-infrared spectroscopy to monitor cerebral oxygenation during assisted ventilation in CDH patients. <i>Journal of Pediatric Surgery</i> , 2016, 51, 38-43.	1.6	7
49	Risk-stratification of severity for infants with CDH: Prenatal versus postnatal predictors of outcome. <i>Journal of Pediatric Surgery</i> , 2016, 51, 44-48.	1.6	64
50	Fetoscopic Repair of Meningomyelocele. <i>Obstetrics and Gynecology</i> , 2015, 126, 881-884.	2.4	53
51	Low Abdominal NIRS Values and Elevated Plasma Intestinal Fatty Acid-Binding Protein in a Premature Piglet Model of Necrotizing Enterocolitis. <i>PLoS ONE</i> , 2015, 10, e0125437.	2.5	31
52	Persistent hypercarbia after resuscitation is associated with increased mortality in congenital diaphragmatic hernia patients. <i>Journal of Pediatric Surgery</i> , 2015, 50, 739-743.	1.6	12
53	Predictive Value of MRI Findings for the Identification of a Hernia Sac in Fetuses With Congenital Diaphragmatic Hernia. <i>American Journal of Roentgenology</i> , 2015, 205, 1121-1125.	2.2	14
54	Are all pulmonary hypoplasias the same? A comparison of pulmonary outcomes in neonates with congenital diaphragmatic hernia, omphalocele and congenital lung malformation. <i>Journal of Pediatric Surgery</i> , 2015, 50, 55-59.	1.6	33

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55	Predictors of poor prognosis in prenatally diagnosed sacrococcygeal teratoma: A multiinstitutional review. <i>Journal of Pediatric Surgery</i> , 2015, 50, 771-774.	1.6	52
56	5, 4, 3, 2, 1: embryologic variants of pentalogy of Cantrell. <i>Journal of Surgical Research</i> , 2015, 199, 141-148.	1.6	11
57	Giant omphaloceles: surgical management and perinatal outcomes. <i>Journal of Surgical Research</i> , 2015, 198, 388-392.	1.6	54
58	Prenatally diagnosed neck masses: long-term outcomes and quality of life. <i>Journal of Pediatric Surgery</i> , 2015, 50, 1210-1213.	1.6	39
59	Revisiting outcomes of right congenital diaphragmatic hernia. <i>Journal of Surgical Research</i> , 2015, 198, 413-417.	1.6	24
60	Standardization of Sonographic Lung-to-Head Ratio Measurements in Isolated Congenital Diaphragmatic Hernia. <i>Journal of Ultrasound in Medicine</i> , 2015, 34, 1721-1727.	1.7	16
61	The effect of supplemental parenteral nutrition on outcomes of necrotizing enterocolitis in premature, low birth weight neonates. <i>American Journal of Surgery</i> , 2015, 210, 1045-1050.	1.8	9
62	Integrating Global Health Into Surgery Residency in the United States. <i>Journal of Surgical Education</i> , 2015, 72, e88-e93.	2.5	11
63	Delayed Initiation but Not Gradual Advancement of Enteral Formula Feeding Reduces the Incidence of Necrotizing Enterocolitis (NEC) in Preterm Pigs. <i>PLoS ONE</i> , 2014, 9, e106888.	2.5	28
64	Fetal MRI improves diagnostic accuracy in patients referred to a fetal center for suspected esophageal atresia. <i>Journal of Pediatric Surgery</i> , 2014, 49, 712-715.	1.6	37
65	Fetal lung volume and quantification of liver herniation by magnetic resonance imaging in isolated congenital diaphragmatic hernia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2014, 43, 662-669.	1.7	112
66	Outcomes comparing dual-lumen to multisite venovenous ECMO in the pediatric population: The Extracorporeal Life Support Registry experience. <i>Journal of Pediatric Surgery</i> , 2014, 49, 1452-1457.	1.6	31
67	Mainstem bronchial atresia: a lethal anomaly amenable to fetal surgical treatment. <i>Journal of Pediatric Surgery</i> , 2014, 49, 706-711.	1.6	10
68	Prenatal MRI fetal lung volumes and percent liver herniation predict pulmonary morbidity in congenital diaphragmatic hernia (CDH). <i>Journal of Pediatric Surgery</i> , 2014, 49, 688-693.	1.6	80
69	Comparing characteristics and outcomes in infants with prenatal and postnatal diagnosis of esophageal atresia. <i>Journal of Surgical Research</i> , 2014, 190, 242-245.	1.6	23
70	High performance liquid chromatography-tandem mass spectrometric assay of dexmedetomidine in plasma, urine and amniotic fluid samples for pregnant ewe model. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 961, 13-19.	2.3	15
71	Fetal MRI lung volumes are predictive of perinatal outcomes in fetuses with congenital lung masses. <i>Journal of Pediatric Surgery</i> , 2014, 49, 853-858.	1.6	45
72	EXIT procedure for fetal neck masses. <i>Current Opinion in Pediatrics</i> , 2012, 24, 386-393.	2.0	35

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73	Fetal MR Imaging of Congenital Diaphragmatic Hernia. <i>Radiographics</i> , 2012, 32, 1067-1084.	3.3	65
74	Evaluation of the prenatally diagnosed mass. <i>Seminars in Fetal and Neonatal Medicine</i> , 2012, 17, 185-191.	2.3	10
75	Defining "liver-up": does the volume of liver herniation predict outcome for fetuses with isolated left-sided congenital diaphragmatic hernia?. <i>Journal of Pediatric Surgery</i> , 2012, 47, 1058-1062.	1.6	65
76	Case Scenario: Anesthesia for Maternal-Fetal Surgery. <i>Anesthesiology</i> , 2011, 114, 1446-1452.	2.5	204
77	Mitomycin C in the management of pediatric caustic esophageal strictures. <i>Journal of Pediatric Surgery</i> , 2006, 41, e1-e3.	1.6	33
78	Neutrophil Recruitment by Fetal Porcine Endothelial Cells: Implications in Scarless Fetal Wound Healing. <i>Pediatric Research</i> , 2005, 58, 1290-1294.	2.3	43