Oluyinka O Olutoye

List of Publications by Year
in descending order

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	Fetoscopic Open Neural Tube Defect Repair. Obstetrics and Gynecology, 2017, 129, 734-743.	2.4	260
2	Case Scenario: Anesthesia for Maternal-Fetal Surgery. Anesthesiology, 2011, 114, 1446-1452.	2.5	204
3	Fetal lung volume and quantification of liver herniation by magnetic resonance imaging in isolated congenital diaphragmatic hernia. Ultrasound in Obstetrics and Gynecology, 2014, 43, 662-669.	1.7	112
4	Food and Drug Administration warning on anesthesia and brain development: implications for obstetric and fetal surgery. American Journal of Obstetrics and Gynecology, 2018, 218, 98-102.	1.3	95
5	Chronic wounds: Treatment consensus. Wound Repair and Regeneration, 2022, 30, 156-171.	3.0	83
6	Prenatal MRI fetal lung volumes and percent liver herniation predict pulmonary morbidity in congenital diaphragmatic hernia (CDH). Journal of Pediatric Surgery, 2014, 49, 688-693.	1.6	80
7	Vitamin E in Newâ€Generation Lipid Emulsions Protects Against Parenteral Nutritionâ€“Associated Liver Disease in Parenteral Nutritionâ€“Fed Preterm Pigs. Journal of Parenteral and Enteral Nutrition, 2016, 40, 656-671.	2.6	70
8	Fetal MR Imaging of Congenital Diaphragmatic Hernia. Radiographics, 2012, 32, 1067-1084.	3.3	65
9	Defining â€œliver-upâ€• does the volume of liver herniation predict outcome for fetuses with isolated left-sided congenital diaphragmatic hernia?. Journal of Pediatric Surgery, 2012, 47, 1058-1062.	1.6	65
10	Risk-stratification of severity for infants with CDH: Prenatal versus postnatal predictors of outcome. Journal of Pediatric Surgery, 2016, 51, 44-48.	1.6	64
11	Giant omphaloceles: surgical management and perinatal outcomes. Journal of Surgical Research, 2015, 198, 388-392.	1.6	54
12	Fetoscopic Repair of Meningomyelocele. Obstetrics and Gynecology, 2015, 126, 881-884.	2.4	53
13	Predictors of poor prognosis in prenatally diagnosed sacrococcygeal teratoma: A multiinstitutional review. Journal of Pediatric Surgery, 2015, 50, 771-774.	1.6	52
14	Fetal MRI lung volumes are predictive of perinatal outcomes in fetuses with congenital lung masses. Journal of Pediatric Surgery, 2014, 49, 853-858.	1.6	45
15	Neutrophil Recruitment by Fetal Porcine Endothelial Cells: Implications in Scarless Fetal Wound Healing. Pediatric Research, 2005, 58, 1290-1294.	2.3	43
16	Comparison of two fetoscopic open neural tube defect repair techniques: singleâ€•vs threeâ€layer closure. Ultrasound in Obstetrics and Gynecology, 2020, 56, 532-540.	1.7	41
17	Prenatally diagnosed neck masses: long-term outcomes and quality of life. Journal of Pediatric Surgery, 2015, 50, 1210-1213.	1.6	39
18	Prenatal diagnosis and management of omphalocele. Seminars in Pediatric Surgery, 2019, 28, 84-88.	1.1	39

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19	Fetal MRI improves diagnostic accuracy in patients referred to a fetal center for suspected esophageal atresia. Journal of Pediatric Surgery, 2014, 49, 712-715.	1.6	37
20	Necrotizing enterocolitis in patients with congenital heart disease: A single center experience. Journal of Pediatric Surgery, 2018, 53, 914-917.	1.6	37
21	Repeated isoflurane exposure and neuroapoptosis in the midgestation fetal sheep brain. American Journal of Obstetrics and Gynecology, 2016, 214, 542.e1-542.e8.	1.3	36
22	EXIT procedure for fetal neck masses. Current Opinion in Pediatrics, 2012, 24, 386-393.	2.0	35
23	Mitomycin C in the management of pediatric caustic esophageal strictures. Journal of Pediatric Surgery, 2006, 41, e1-e3.	1.6	33
24	Are all pulmonary hypoplasias the same? A comparison of pulmonary outcomes in neonates with congenital diaphragmatic hernia, omphalocele and congenital lung malformation. Journal of Pediatric Surgery, 2015, 50, 55-59.	1.6	33
25	Fetal endoscopic tracheal occlusion reduces pulmonary hypertension in severe congenital diaphragmatic hernia. Ultrasound in Obstetrics and Gynecology, 2019, 54, 752-758.	1.7	33
26	Outcomes comparing dual-lumen to multisite venovenous ECMO in the pediatric population: The Extracorporeal Life Support Registry experience. Journal of Pediatric Surgery, 2014, 49, 1452-1457.	1.6	31
27	Low Abdominal NIRS Values and Elevated Plasma Intestinal Fatty Acid-Binding Protein in a Premature Piglet Model of Necrotizing Enterocolitis. PLoS ONE, 2015, 10, e0125437.	2.5	31
28	Delayed Initiation but Not Gradual Advancement of Enteral Formula Feeding Reduces the Incidence of Necrotizing Enterocolitis (NEC) in Preterm Pigs. PLoS ONE, 2014, 9, e106888.	2.5	28
29	Factors associated with fetal shunt dislodgement in lower urinary tract obstruction. Prenatal Diagnosis, 2016, 36, 720-725.	2.3	28
30	Fetal left-sided cardiac structural dimensions in left-sided congenital diaphragmatic hernia - association with severity and impact on postnatal outcomes. Prenatal Diagnosis, 2017, 37, 502-509.	2.3	25
31	Revisiting outcomes of right congenital diaphragmatic hernia. Journal of Surgical Research, 2015, 198, 413-417.	1.6	24
32	Early vs late resection of asymptomatic congenital lung malformations. Journal of Pediatric Surgery, 2019, 54, 70-74.	1.6	24
33	Comparing characteristics and outcomes in infants with prenatal and postnatal diagnosis of esophageal atresia. Journal of Surgical Research, 2014, 190, 242-245.	1.6	23
34	An evaluation of the role of concomitant anomalies on the outcomes of fetuses with congenital diaphragmatic hernia. Journal of Pediatric Surgery, 2016, 51, 714-717.	1.6	22
35	Standardization of Sonographic Lungâ€toâ€Head Ratio Measurements in Isolated Congenital Diaphragmatic Hernia. Journal of Ultrasound in Medicine, 2015, 34, 1721-1727.	1.7	16
36	High performance liquid chromatographyâ€“tandem mass spectrometric assay of dexmedetomidine in plasma, urine and amniotic fluid samples for pregnant ewe model. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 961, 13-19.	2.3	15

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37	Use of renal near-infrared spectroscopy measurements in congenital diaphragmatic hernia patients on ECMO. Journal of Pediatric Surgery, 2017, 52, 689-692.	1.6	15
38	Prematurity blunts the feeding-induced stimulation of translation initiation signaling and protein synthesis in muscle of neonatal piglets. American Journal of Physiology - Endocrinology and Metabolism, 2019, 317, E839-E851.	3.5	15
39	Hepatic separation of conjoined twins: Operative technique and review of three-dimensional model utilization. Journal of Pediatric Surgery, 2020, 55, 2828-2835.	1.6	15
40	Accuracy of prenatal and postnatal imaging for management of congenital lung malformations. Journal of Pediatric Surgery, 2020, 55, 844-847.	1.6	15
41	Predictive Value of MRI Findings for the Identification of a Hernia Sac in Fetuses With Congenital Diaphragmatic Hernia. American Journal of Roentgenology, 2015, 205, 1121-1125.	2.2	14
42	Evaluating quality of life of extracorporeal membrane oxygenation survivors using the pediatric quality of life inventory survey. Journal of Pediatric Surgery, 2018, 53, 1060-1064.	1.6	14
43	Prenatal intervention for the management of congenital diaphragmatic hernia. Pediatric Surgery International, 2018, 34, 579-587.	1.4	13
44	Prenatal Imaging to Predict Need for Urgent Perinatal Surgery in Congenital Lung Lesions. Journal of Surgical Research, 2020, 255, 463-468.	1.6	13
45	Persistent hypercarbia after resuscitation is associated with increased mortality in congenital diaphragmatic hernia patients. Journal of Pediatric Surgery, 2015, 50, 739-743.	1.6	12
46	Prematurity blunts the insulin- and amino acid-induced stimulation of translation initiation and protein synthesis in skeletal muscle of neonatal pigs. American Journal of Physiology - Endocrinology and Metabolism, 2021, 320, E551-E565.	3.5	12
47	5, 4, 3, 2, 1: embryologic variants of pentalogy of Cantrell. Journal of Surgical Research, 2015, 199, 141-148.	1.6	11
48	Integrating Global Health Into Surgery Residency in the United States. Journal of Surgical Education, 2015, 72, e88-e93.	2.5	11
49	Space occupying lesions in the presence of congenital diaphragmatic hernia. Journal of Pediatric Surgery, 2016, 51, 710-713.	1.6	11
50	Congenital diaphragmatic hernia repair in patients on extracorporeal membrane oxygenation: How early can we repair?. Journal of Pediatric Surgery, 2019, 54, 50-54.	1.6	11
51	Evaluation of the prenatally diagnosed mass. Seminars in Fetal and Neonatal Medicine, 2012, 17, 185-191.	2.3	10
52	Mainstem bronchial atresia: a lethal anomaly amenable to fetal surgical treatment. Journal of Pediatric Surgery, 2014, 49, 706-711.	1.6	10
53	Fetal Surgery Decreases Anesthesia-Induced Neuroapoptosis in the Mid-Gestational Fetal Ovine Brain. Fetal Diagnosis and Therapy, 2019, 46, 111-118.	1.4	10
54	The effect of supplemental parenteral nutrition on outcomes of necrotizing enterocolitis in premature, low birth weight neonates. American Journal of Surgery, 2015, 210, 1045-1050.	1.8	9

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55	Prenatal Imaging Features and Postnatal Factors Associated with Gastrointestinal Morbidity in Congenital Diaphragmatic Hernia. Fetal Diagnosis and Therapy, 2020, 47, 252-260.	1.4	9
56	Personalized Graduate Medical Education and the Global Surgeon: Training for Resource-Limited Settings. Academic Medicine, 2021, 96, 384-389.	1.6	9
57	Early postnatal bladder function in fetoscopic myelomeningocele repair patients. Journal of Pediatric Rehabilitation Medicine, 2017, 10, 327-333.	0.5	8
58	Timing of Prenatal Magnetic Resonance Imaging in the Assessment of Congenital Diaphragmatic Hernia. Fetal Diagnosis and Therapy, 2020, 47, 205-213.	1.4	8
59	Evaluation and Disposition of Fetal Myelomeningocele Repair Candidates: A Large Referral Center Experience. Fetal Diagnosis and Therapy, 2020, 47, 115-122.	1.4	8
60	A Review of Hypertrophic Scar and Keloid Treatment and Prevention in the Pediatric Population: Where Are We Now?. Advances in Wound Care, 2022, 11, 255-279.	5.1	8
61	Intermittent bolus feeding does not enhance protein synthesis, myonuclear accretion, or lean growth more than continuous feeding in a premature piglet model. American Journal of Physiology - Endocrinology and Metabolism, 2021, 321, E737-E752.	3.5	8
62	A novel multimodal computational system using near-infrared spectroscopy to monitor cerebral oxygenation during assisted ventilation in CDH patients. Journal of Pediatric Surgery, 2016, 51, 38-43.	1.6	7
63	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. Nutrition Research, 2017, 39, 51-60.	2.9	7
64	Simulation-Based Clinical Rehearsals as a Method for Improving Patient Safety. JAMA Surgery, 2018, 153, 1143.	4.3	7
65	Academic Advancement in Global Surgery: Appointment, Promotion, and Tenure. Annals of Surgery, 2020, 271, 279-282.	4.2	7
66	A novel multimodal computational system using near-infrared spectroscopy predicts the need for ECMO initiation in neonates with congenital diaphragmatic hernia. Journal of Pediatric Surgery, 2018, 53, 152-158.	1.6	6
67	Extracorporeal Membrane Oxygenation in Premature Infants With Congenital Diaphragmatic Hernia. ASAIO Journal, 2018, 64, e126-e129.	1.6	6
68	The impact of fetal endoscopic tracheal occlusion in isolated leftâ€sided congenital diaphragmatic hernia on leftâ€sided cardiac dimensions. Prenatal Diagnosis, 2018, 38, 812-820.	2.3	6
69	An Unreported Complication After Fetoscopic Myelomeningocele Closure. Journal of Craniofacial Surgery, 2019, 30, 578-580.	0.7	6
70	Prognostic profiling of children with serious post-operative complications: A novel probability model for failure to rescue. Journal of Pediatric Surgery, 2021, 56, 207-212.	1.6	6
71	Does creating a dome reduce recurrence in congenital diaphragmatic hernia following patch repair?. Journal of Pediatric Surgery, 2022, 57, 637-642.	1.6	6
72	Same Anesthesia Endoscopic Retrograde Cholangiopancreatography and Laparoscopic Cholecystectomy. Journal of Pediatric Gastroenterology and Nutrition, 2020, 71, 203-207.	1.8	5

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73	Provisional extension to induce complete attachment of an endovascular repair for acute type A aortic dissection with visceral malperfusion. JTCVS Techniques, 2020, 3, 61-63.	0.4	5
74	Urologic Considerations in the Separation of Thoracoomphalopagus Conjoined Twins. Urology, 2017, 99, 231-233.	1.0	4
75	Fetal echocardiography (ECHO) in assessment of structural heart defects in congenital diaphragmatic hernia patients: Is early postnatal ECHO necessary for ECMO candidacy?. Journal of Pediatric Surgery, 2019, 54, 920-924.	1.6	4
76	Depletion and enrichment of phytosterols in soybean oil lipid emulsions directly associate with serum markers of cholestasis in preterm parenteral nutritionâ€“fed pigs. Journal of Parenteral and Enteral Nutrition, 2022, 46, 160-171.	2.6	3
77	In-utero radiofrequency ablation in fetal piglets: Lessons learned. Journal of Pediatric Surgery, 2016, 51, 554-558.	1.6	1
78	Diminished Citrullineâ€Arginineâ€Nitric Oxide Production Rates are Associated with Necrotizing Enterocolitis Incidence in Premature Pigs. FASEB Journal, 2017, 31, 164.1.	0.5	0