

Joao Amaral

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

88

papers

1,420

citations

22

h-index

33

g-index

93

ext. papers

1,666

ext. citations

3.4

avg, IF

4.22

L-index

#	Paper	IF	Citations
88	Percutaneous cecostomy: updates in technique and patient care. <i>Radiology</i> , 2003 , 227, 246-50	20.5	74
87	MR Lymphangiography in Children: Technique and Potential Applications. <i>Radiographics</i> , 2017 , 37, 1775-1790	4.790	64
86	Disease Beyond the Arch: A Systematic Review of Middle Aortic Syndrome in Childhood. <i>American Journal of Hypertension</i> , 2015 , 28, 833-46	2.3	63
85	Peripherally inserted central catheters: use at a tertiary care pediatric center. <i>Journal of Vascular and Interventional Radiology</i> , 2013 , 24, 1323-31	2.4	53
84	Doxycycline sclerotherapy in children with lymphatic malformations: outcomes, complications and clinical efficacy. <i>Pediatric Radiology</i> , 2012 , 42, 1080-8	2.8	51
83	Use and accuracy of US guidance for image-guided injections of the temporomandibular joints in children with arthritis. <i>Pediatric Radiology</i> , 2010 , 40, 1498-504	2.8	50
82	Influence of arm movement on central tip location of peripherally inserted central catheters (PICCs). <i>Pediatric Radiology</i> , 2006 , 36, 845-50	2.8	50
81	CT characteristics of lung nodules present at diagnosis of extrapulmonary malignancy in children. <i>American Journal of Roentgenology</i> , 2010 , 194, 772-8	5.4	49
80	Safety of power injector use in children as measured by incidence of extravasation. <i>American Journal of Roentgenology</i> , 2006 , 187, 580-3	5.4	45
79	Image-guided percutaneous biopsy of musculoskeletal lesions in children. <i>Pediatric Radiology</i> , 2007 , 37, 362-9	2.8	44
78	Sonographically guided percutaneous liver biopsy in infants: a retrospective review. <i>American Journal of Roentgenology</i> , 2006 , 187, W644-9	5.4	43
77	A screening algorithm for the efficient exclusion of biliary atresia in infants with cholestatic jaundice. <i>Journal of Pediatric Surgery</i> , 2015 , 50, 363-70	2.6	35
76	Botulinum toxin A for treatment of sialorrhea in children: an effective, minimally invasive approach. <i>JAMA Otolaryngology</i> , 2011 , 137, 339-44		35
75	Symptomatic caval penetration by a Celect inferior vena cava filter. <i>Pediatric Radiology</i> , 2009 , 39, 1110-32	2.8	30
74	Imaging-guided percutaneous needle aspiration or catheter drainage of neonatal liver abscesses: 14-year experience. <i>American Journal of Roentgenology</i> , 2008 , 190, 616-22	5.4	29
73	Growth outcomes and complications after radiologic gastrostomy in 120 children. <i>Pediatric Radiology</i> , 2008 , 38, 963-70	2.8	29
72	Fluoroscopy-guided topical application of mitomycin-C in a case of refractory esophageal stricture. <i>Journal of Vascular and Interventional Radiology</i> , 2010 , 21, 152-5	2.4	25

71	Complex combined vascular malformations and vascular malformation syndromes affecting the extremities in children. <i>Seminars in Musculoskeletal Radiology</i> , 2009 , 13, 255-76	1.8	25
70	Combined sonographic and fluoroscopic guidance during transjugular hepatic biopsies performed in children: a retrospective study of 74 biopsies. <i>American Journal of Roentgenology</i> , 2003 , 180, 1393-8	5.4	24
69	Pediatric interventional venous access. <i>Techniques in Vascular and Interventional Radiology</i> , 2002 , 5, 95-102	10.2	24
68	Increased complexity and complications associated with multiple peripherally inserted central catheter insertions in children: the tip of the iceberg. <i>Journal of Vascular and Interventional Radiology</i> , 2012 , 23, 351-7	2.4	23
67	Percutaneous US-guided biopsies of peripheral pulmonary lesions in children. <i>Pediatric Radiology</i> , 2006 , 36, 491-7	2.8	23
66	Management and Outcomes of Childhood Renal Artery Stenosis and Middle Aortic Syndrome. <i>American Journal of Hypertension</i> , 2018 , 31, 687-695	2.3	21
65	Image-guided drainage of multiple intraabdominal abscesses in children with perforated appendicitis: an alternative to laparotomy. <i>Pediatric Radiology</i> , 2008 , 38, 661-8	2.8	20
64	Perforations associated with peripherally inserted central catheters in a neonatal population. <i>Pediatric Radiology</i> , 2018 , 48, 109-119	2.8	19
63	Lung tattooing combined with immediate video-assisted thoracoscopic resection (IVATR) as a single procedure in a hybrid room: our institutional experience in a pediatric population. <i>Pediatric Radiology</i> , 2013 , 43, 1144-51	2.8	19
62	Peripherally inserted central catheters for long-term parenteral nutrition in infants with intestinal failure. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2013 , 56, 578-81	2.8	19
61	Computer-aided detection for the identification of pulmonary nodules in pediatric oncology patients: initial experience. <i>Pediatric Radiology</i> , 2009 , 39, 685-93	2.8	19
60	Safety and effectiveness of radiologic percutaneous gastrostomy and gastro jejunostomy in children with cardiac disease. <i>American Journal of Roentgenology</i> , 2008 , 191, 1169-74	5.4	19
59	The percutaneous cecostomy tube in the management of fecal incontinence in children. <i>Journal of Vascular and Interventional Radiology</i> , 2015 , 26, 189-95	2.4	18
58	Establishing a clinical service for the treatment of osteoid osteoma using magnetic resonance-guided focused ultrasound: overview and guidelines. <i>Journal of Therapeutic Ultrasound</i> , 2016 , 4, 16		17
57	Endovenous laser ablation therapy in children: applications and outcomes. <i>Pediatric Radiology</i> , 2017 , 47, 1353-1363	2.8	16
56	Severe neutropenia at time of port insertion is not a risk factor for catheter-associated infections in children with acute lymphoblastic leukemia. <i>Cancer</i> , 2010 , 116, 4368-75	6.4	16
55	Gastrostomy and gastrojejunostomy tube placements: outcomes in children with gastroschisis, omphalocele, and congenital diaphragmatic hernia. <i>Radiology</i> , 2008 , 248, 247-53	20.5	16
54	US-guided percutaneous needle biopsy of anterior mediastinal masses in children. <i>Pediatric Radiology</i> , 2012 , 42, 40-9	2.8	15

53	Gas distribution in intraabdominal and pelvic abscesses on CT is associated with drainability. <i>American Journal of Roentgenology</i> , 2005 , 184, 915-9	5.4	15
52	The experience of conducting Mortality and Morbidity reviews in a pediatric interventional radiology service: a retrospective study. <i>Journal of Vascular and Interventional Radiology</i> , 2009 , 20, 77-86 ^{2.4}	2.4	14
51	Variables decreasing tip movement of peripherally inserted central catheters in pediatric patients. <i>Pediatric Radiology</i> , 2016 , 46, 1532-8	2.8	13
50	Outcomes of percutaneous transluminal angioplasty for pediatric renovascular hypertension. <i>Journal of Pediatric Surgery</i> , 2017 , 52, 395-399	2.6	12
49	Extremity vascular anomalies in children: introduction, classification, and imaging. <i>Seminars in Musculoskeletal Radiology</i> , 2009 , 13, 210-35	1.8	12
48	The positive color Doppler sign post biopsy: effectiveness of US-directed compression in achieving hemostasis. <i>Pediatric Radiology</i> , 2011 , 41, 362-8	2.8	11
47	Percutaneous thoracic drainage in neonates: catheter drainage versus treatment with aspiration alone. <i>Radiology</i> , 2006 , 241, 223-7	20.5	11
46	Bronchial artery-pulmonary artery malformation as a cause of cryptogenic hemoptysis. <i>Pediatric Pulmonology</i> , 2013 , 48, 930-3	3.5	10
45	Extracranial aneurysms in children: practical classification and correlative imaging. <i>American Journal of Roentgenology</i> , 2003 , 181, 867-78	5.4	10
44	Peripherally Inserted Central Catheters in Pediatric Patients: To Repair or Not Repair. <i>CardioVascular and Interventional Radiology</i> , 2017 , 40, 845-851	2.7	9
43	Simulating thermal effects of MR-guided focused ultrasound in cortical bone and its surrounding tissue. <i>Medical Physics</i> , 2018 , 45, 506-519	4.4	9
42	MR cone-beam CT fusion image overlay for fluoroscopically guided percutaneous biopsies in pediatric patients. <i>Pediatric Radiology</i> , 2016 , 46, 407-12	2.8	8
41	Are cuffed peripherally inserted central catheters superior to uncuffed peripherally inserted central catheters? A retrospective review in a tertiary pediatric center. <i>Journal of Vascular and Interventional Radiology</i> , 2013 , 24, 1316-22	2.4	8
40	Percutaneous gastrostomy tubes in children with Pierre Robin sequence: efficacy, maintenance and complications. <i>Pediatric Radiology</i> , 2012 , 42, 566-73	2.8	8
39	Upper gastrointestinal access in children: techniques and outcomes. <i>Techniques in Vascular and Interventional Radiology</i> , 2010 , 13, 222-8	2.6	8
38	Review of interventional procedures in the very low birth-weight infant (. <i>Pediatric Radiology</i> , 2009 , 39, 781-90	2.8	8
37	Image-guided therapy and minimally invasive surgery in children: a merging future. <i>Pediatric Radiology</i> , 2006 , 36, 398-404	2.8	8
36	Percutaneous interventional radiology procedures in patients with epidermolysis bullosa: modifications and challenges. <i>American Journal of Roentgenology</i> , 2010 , 195, 468-75	5.4	7

35	Idiopathic suppurative pylephlebitis: interventional radiological diagnosis and management. <i>CardioVascular and Interventional Radiology</i> , 2009 , 32, 1304-7	2.7	7
34	Correlation of PET/CT and Image-Guided Biopsies of Pediatric Malignancies. <i>American Journal of Roentgenology</i> , 2017 , 208, 656-662	5.4	6
33	Cardiovascular Structure and Function in Children With Middle Aortic Syndrome and Renal Artery Stenosis. <i>Hypertension</i> , 2017 , 70, 1193-1200	8.5	6
32	The role of tissue plasminogen activator in the management of complex intra-abdominal abscesses in children. <i>Journal of Pediatric Surgery</i> , 2012 , 47, 1380-4	2.6	6
31	Ectopic drainage of the common bile duct into the lesser curvature of the gastric antrum in a newborn with pyloric atresia, annular pancreas and congenital short bowel syndrome. <i>Pediatric Radiology</i> , 2009 , 39, 66-9	2.8	6
30	Delayed, life-threatening lower gastrointestinal hemorrhage in an infant after serial transverse enteroplasty: treatment with transcatheter n-butyl-2-cyanoacrylate embolization. <i>Pediatric Radiology</i> , 2009 , 39, 1098-101	2.8	6
29	IR Approaches to Difficult Removals of Totally Implanted Venous Access Port Catheters in Children: A Single-Center Experience. <i>Journal of Vascular and Interventional Radiology</i> , 2016 , 27, 876-81	2.4	6
28	Experience with Compressed Gelfoam Plugs in Children during Liver Biopsies and Other IR Procedures: A Retrospective Single-Center Case Series. <i>Journal of Vascular and Interventional Radiology</i> , 2019 , 30, 1855-1862	2.4	6
27	Peritonitis following percutaneous gastrostomy tube insertions in children. <i>Pediatric Radiology</i> , 2016 , 46, 1444-50	2.8	5
26	Hemodialysis Catheters in Infants: A Retrospective Single-Center Cohort Study. <i>Journal of Vascular and Interventional Radiology</i> , 2020 , 31, 778-786	2.4	5
25	Measuring hemoglobin prior to early discharge without routine surveillance ultrasound after percutaneous native renal biopsy in children. <i>Pediatric Nephrology</i> , 2017 , 32, 1927-1934	3.2	4
24	Magnetic Resonance Lymphangiography. <i>Radiologic Clinics of North America</i> , 2020 , 58, 693-706	2.3	4
23	Evaluation of implanted venous port-a-caths in children with medical complexity and neurologic impairment. <i>Pediatric Radiology</i> , 2019 , 49, 1354-1361	2.8	4
22	Technique, Safety, and Yield of Bone Biopsies for Histomorphometry in Children. <i>Journal of Vascular and Interventional Radiology</i> , 2017 , 28, 1577-1583	2.4	4
21	In Situ Gonadal Vein Valvulotomy and Side-to-side Gonado-iliac Bypass for the Management of Nutcracker Syndrome in an Adolescent With a Solitary Kidney and Absence of Pelvic Congestion. <i>Urology</i> , 2019 , 126, 200-203	1.6	4
20	Use of balloon dilatation for management of postoperative intestinal strictures in children with short bowel syndrome. <i>Journal of Pediatric Surgery</i> , 2017 , 52, 760-763	2.6	3
19	Use of the Transrectal Ultrasound Probe in Aspiration and Drainage in Pediatric Patients: A Retrospective Observational Study. <i>Journal of Vascular and Interventional Radiology</i> , 2019 , 30, 908-914	2.4	3
18	Clinical Impact of Chronic Venous Changes Induced by Central Lines in Children: A Cohort with Abnormal Venograms. <i>Journal of Vascular and Interventional Radiology</i> , 2019 , 30, 715-723	2.4	3

17	Image guided sacroiliac joint corticosteroid injections in children: an 18-year single-center retrospective study. <i>Pediatric Rheumatology</i> , 2020 , 18, 52	3.5	3
16	Pediatric Interventional Radiology 2008 , 1053-1078		3
15	Ultrasound-Guided Thrombin Injection for the Treatment of Femoral Pseudoaneurysm in Pediatric Patients. <i>Journal of Vascular and Interventional Radiology</i> , 2016 , 27, 519-23	2.4	3
14	Do children without a known bleeding tendency undergoing PICC placement require coagulation laboratory testing?. <i>Pediatric Radiology</i> , 2015 , 45, 727-35	2.8	2
13	Successful Image-Guided Retrieval of an Embolized Fragment of a Fractured Haemodialysis Catheter Tip from the Pulmonary Artery. <i>Case Reports in Nephrology and Dialysis</i> , 2016 , 6, 21-5	1.3	2
12	Image-guided pediatric ureteric stent insertions: an 11-year experience. <i>Journal of Vascular and Interventional Radiology</i> , 2014 , 25, 1265-71	2.4	2
11	Esquizencafalia: relato de onze casos. <i>Arquivos De Neuro-Psiquiatria</i> , 2001 , 59, 244-249	1.6	2
10	Is Routine Preprocedural Bloodwork Needed for Elective Central Venous Access Device Removals in Children without Bleeding Dyscrasias?. <i>Journal of Vascular and Interventional Radiology</i> , 2020 , 31, 276-281.e1 ²	2.4	2
9	Two parallel needles with snare gastropexy device during gastrostomy in children. <i>Pediatric Radiology</i> , 2014 , 44, 212-5	2.8	1
8	A novel approach to endovascular treatment of severe hepatic vein stenoses following liver transplant in children. <i>Pediatric Transplantation</i> , 2012 , 16, E306-10	1.8	1
7	Dynamic T2-mapping during magnetic resonance guided high intensity focused ultrasound ablation of bone marrow 2012 ,		1
6	Embolization of congenital portosystemic shunt presenting after pediatric liver transplantation: Case report and literature review. <i>Pediatric Transplantation</i> , 2020 , 24, e13713	1.8	
5	Intraperitoneal hemorrhage in neonate with multifocal hepatic hemangiomas. <i>Radiology Case Reports</i> , 2020 , 15, 895-899	1	
4	Retrograde percutaneous enterostomies in children using a needle system with valve mechanism. <i>Journal of Vascular and Interventional Radiology</i> , 2007 , 18, 797-9	2.4	
3	Venous Interventions: IVC Filters 2014 , 141-154		
2	Pain management for a case with Nutcracker syndrome, undergoing a newly developed bypass surgery. <i>JA Clinical Reports</i> , 2021 , 7, 50	0.6	
1	Use of Tissue Plasminogen Activator in Abdominal Abscesses in Children-A Single-Center Randomized Control Trial. <i>Canadian Association of Radiologists Journal</i> , 2021 , 72, 577-584	3.9	