

Premal Patel

List of Publications by Year in descending order

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46
papers

1,454
citations

949033

11
h-index

406436

35
g-index

48
all docs

48
docs citations

48
times ranked

2108
citing authors

#	ARTICLE	IF	CITATIONS
1	Combined approach for non-functioning moiety of crossed fused kidney. Journal of Pediatric Endoscopic Surgery, 2022, 4, 29.	0.1	0
2	Endoscopic sclerotherapy in severe chyluria. Journal of Pediatric Endoscopic Surgery, 2022, 4, 37-39.	0.1	0
3	Importance of Magnetic Resonance Imaging With Diffusion-weighted Imaging in Guiding Biopsy of Nodular Ganglioneuroblastoma: A Case Report. Journal of Pediatric Hematology/Oncology, 2021, 43, e130-e135.	0.3	2
4	Importance of the arc of Riolan in children with severe middle aortic syndrome. Archives of Disease in Childhood, 2021, 106, 1190-1190.	1.0	1
5	Cortical spectral matching and shape and volume analysis of the fetal brain pre- and post-fetal surgery for spina bifida: a retrospective study. Neuroradiology, 2021, 63, 1721-1734.	1.1	12
6	Cost evaluation of two types of gastrojejunal feeding tubes used in pediatric patients. Pediatric Radiology, 2021, 51, 2492-2497.	1.1	1
7	Management of Fibro-adipose Vascular Anomalies (FAVA) in Paediatric Practice. JPRAS Open, 2021, 29, 71-81.	0.4	13
8	Renovascular hypertension in children. CVIR Endovascular, 2021, 4, 10.	0.4	26
9	Super-resolution Reconstruction MRI Application in Fetal Neck Masses and Congenital High Airway Obstruction Syndrome. OTO Open, 2021, 5, 2473974X211055372.	0.6	7
10	An automated framework for localization, segmentation and super-resolution reconstruction of fetal brain MRI. NeuroImage, 2020, 206, 116324.	2.1	160
11	DeepGeoS: A Deep Interactive Geodesic Framework for Medical Image Segmentation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 1559-1572.	9.7	269
12	Quantitative color-coded digital subtraction neuroangiography for pediatric arteriovenous shunting lesions. Child's Nervous System, 2019, 35, 2399-2403.	0.6	2
13	Diagnostic yield and safety of ultrasound-guided bowel mass biopsies in children. Pediatric Radiology, 2019, 49, 1809-1815.	1.1	3
14	Super-resolution for upper abdominal MRI: Acquisition and post-processing protocol optimization using brain MRI control data and expert reader validation. Magnetic Resonance in Medicine, 2019, 82, 1905-1919.	1.9	12
15	Pancreatic pseudocyst drainage in children by image-guided cystogastrostomy and stent insertion. Pediatric Radiology, 2019, 49, 1816-1822.	1.1	14
16	Diagnosis and Treatment of Renovascular Disease in Children. Seminars in Roentgenology, 2019, 54, 367-383.	0.2	8
17	Quantifying the Intra-Operative Hemodynamic Effects of Glue Embolization in Vein of Galen Malformations. , 2019, 2019, 754-758.		0
18	Non-vascular interventional radiology in the paediatric alimentary tract. European Journal of Radiology, 2019, 112, 72-81.	1.2	2

#	ARTICLE	IF	CITATIONS
19	Validation of the Fetal Lamb Model of Spina Bifida. Scientific Reports, 2019, 9, 9327.	1.6	23
20	03:27 PM Abstract No. 396 Clinical response to image-guided sclerotherapy for treatment of lymphatic malformations in children. Journal of Vascular and Interventional Radiology, 2019, 30, S174.	0.2	0
21	Determinants of Radiation Dose in Selective Ophthalmic Artery Chemosurgery for Retinoblastoma. American Journal of Neuroradiology, 2019, 40, 713-717.	1.2	1
22	Quality and readability of online patient information regarding sclerotherapy for venous malformations. Pediatric Radiology, 2018, 48, 708-714.	1.1	10
23	Interactive Medical Image Segmentation Using Deep Learning With Image-Specific Fine Tuning. IEEE Transactions on Medical Imaging, 2018, 37, 1562-1573.	5.4	541
24	An Automated Localization, Segmentation and Reconstruction Framework for Fetal Brain MRI. Lecture Notes in Computer Science, 2018, , 313-320.	1.0	26
25	Arterial Recanalization for Access for Arterial Intervention in Children: Techniques and Outcomes. Journal of Vascular and Interventional Radiology, 2018, 29, 1410-1414.	0.2	1
26	A log-Euclidean and total variation based variational framework for computational sonography. , 2018, , .		0
27	Peripherally Inserted Central Catheters in Pediatric Patients: To Repair or Not Repair. CardioVascular and Interventional Radiology, 2017, 40, 845-851.	0.9	9
28	Use of blood pool agents with steady-state MRI to assess the vascular system. Journal of Magnetic Resonance Imaging, 2017, 45, 1559-1572.	1.9	10
29	Endovenous laser ablation therapy in children: applications and outcomes. Pediatric Radiology, 2017, 47, 1353-1363.	1.1	24
30	Re: Disorders of the lymphatic system of the abdomen. Clinical Radiology, 2017, 72, 91-92.	0.5	3
31	Point-Spread-Function-Aware Slice-to-Volume Registration: Application to Upper Abdominal MRI Super-Resolution. Lecture Notes in Computer Science, 2017, , 3-13.	1.0	5
32	IR Approaches to Difficult Removals of Totally Implanted Venous Access Port Catheters in Children: A Single-Center Experience. Journal of Vascular and Interventional Radiology, 2016, 27, 876-881.	0.2	10
33	Percutaneous IR insertion of Hickman lines in anticoagulated children with cardiac failure and Berlin Heart Ventricular Assist Device receiving dual antiplatelet therapyâ€”is it safe?. Journal of Vascular and Interventional Radiology, 2016, 27, S266-S267.	0.2	0
34	MR cone-beam CT fusion image overlay for fluoroscopically guided percutaneous biopsies in pediatric patients. Pediatric Radiology, 2016, 46, 407-412.	1.1	9
35	Lymphatic sclerotherapy is it safe? An investigation into complications following sclerotherapy of lymphatic malformations. Journal of Vascular and Interventional Radiology, 2015, 26, S31.	0.2	0
36	Systematic review of ablation techniques for the treatment of malignant or aggressive benign lesions in children. Pediatric Radiology, 2014, 44, 1281-1289.	1.1	46

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37	The IR antegrade approach. Safety of an interventional radiological approach to gastrostomy insertion in children. Journal of Vascular and Interventional Radiology, 2014, 25, S130-S131.	0.2	1
38	FEATURED ABSTRACT. Antegrade gastrostomy insertion in very low weight infants - is it safe?. Journal of Vascular and Interventional Radiology, 2014, 25, S131.	0.2	3
39	No-touch Wedge Ablation Technique of Microwave Ablation for the Treatment of Subcapsular Tumors in the Liver. Journal of Vascular and Interventional Radiology, 2013, 24, 1257-1262.	0.2	33
40	Minimally invasive approaches to gastrostomy removal: the IR way. Journal of Vascular and Interventional Radiology, 2013, 24, S109-S110.	0.2	0
41	The smallest arteries - angiography in the neonate. Journal of Vascular and Interventional Radiology, 2013, 24, S109.	0.2	0
42	A test of nerves. The incidence of neuropathy following sts sclerotherapy of venous malformations. Journal of Vascular and Interventional Radiology, 2013, 24, S77-S78.	0.2	0
43	The effect of smoking on bone healing. Bone and Joint Research, 2013, 2, 102-111.	1.3	156
44	Digital calcinosis circumscripta. Journal of Pediatric Orthopaedics Part B, 2012, 21, 443-447.	0.3	4
45	Fracture through the apex of a delta tibia (minor tibial duplication) following minor injury. Pediatric Radiology, 2012, 42, 753-757.	1.1	1
46	Patient-Specific 3D Printed Models for Education, Research and Surgical Simulation. , 0, , .		6