

Andrew T Trout

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7866133/publications.pdf>

Version: 2024-02-01

238
papers

4,006
citations

172457

29
h-index

214800

47
g-index

240
all docs

240
docs citations

240
times ranked

4047
citing authors

#	ARTICLE	IF	CITATIONS
1	Imaging of the Placenta: A Multimodality Pictorial Review. Radiographics, 2009, 29, 1371-1391.	3.3	178
2	MIBG in Neuroblastoma Diagnostic Imaging and Therapy. Radiographics, 2016, 36, 258-278.	3.3	136
3	ACR Appropriateness Criteria® Suspected Physical Abuse Child. Journal of the American College of Radiology, 2017, 14, S338-S349.	1.8	116
4	Diagnostic accuracy of magnetic resonance imaging hepatic proton density fat fraction in pediatric nonalcoholic fatty liver disease. Hepatology, 2018, 67, 858-872.	7.3	112
5	Liver Stiffness Measurements with MR Elastography: Agreement and Repeatability across Imaging Systems, Field Strengths, and Pulse Sequences. Radiology, 2016, 281, 793-804.	7.3	105
6	A critical evaluation of US for the diagnosis of pediatric acute appendicitis in a real-life setting: how can we improve the diagnostic value of sonography?. Pediatric Radiology, 2012, 42, 813-823.	2.0	89
7	Improving Image Quality and Reducing Radiation Dose for Pediatric CT by Using Deep Learning Reconstruction. Radiology, 2021, 298, 180-188.	7.3	83
8	Diagnostic Performance of MR Elastography for Liver Fibrosis in Children and Young Adults with a Spectrum of Liver Diseases. Radiology, 2018, 287, 824-832.	7.3	73
9	Proton Density Fat Fraction Measurements at 1.5- and 3-T Hepatic MR Imaging: Same-Day Agreement among Readers and across Two Imager Manufacturers. Radiology, 2017, 284, 244-254.	7.3	66
10	Spin-echo Echo-planar Imaging MR Elastography versus Gradient-echo MR Elastography for Assessment of Liver Stiffness in Children and Young Adults Suspected of Having Liver Disease. Radiology, 2017, 282, 761-770.	7.3	62
11	Vertebral Endplate Fractures: An Indicator of the Abnormal Forces Generated in the Spine After Vertebroplasty. Journal of Bone and Mineral Research, 2006, 21, 1797-1802.	2.8	59
12	Reevaluating the Sonographic Criteria for Acute Appendicitis in Children. Academic Radiology, 2012, 19, 1382-1394.	2.5	51
13	Spondylolysis and Beyond: Value of SPECT/CT in Evaluation of Low Back Pain in Children and Young Adults. Radiographics, 2015, 35, 819-834.	3.3	51
14	Improvement in Diagnostic Accuracy of Ultrasound of the Pediatric Appendix Through the Use of Equivocal Interpretive Categories. American Journal of Roentgenology, 2015, 204, 849-856.	2.2	49
15	ACR Appropriateness Criteria® Suspected Appendicitis-Child. Journal of the American College of Radiology, 2019, 16, S252-S263.	1.8	46
16	Evaluation of vertebroplasty with a validated outcome measure: the Roland-Morris Disability Questionnaire. American Journal of Neuroradiology, 2005, 26, 2652-7.	2.4	46
17	Hepatocellular carcinoma and the Fontan circulation: Clinical presentation and outcomes. International Journal of Cardiology, 2021, 322, 142-148.	1.7	45
18	MR elastography: high rate of technical success in pediatric and young adult patients. Pediatric Radiology, 2017, 47, 838-843.	2.0	44

#	ARTICLE	IF	CITATIONS
19	Quantification of skeletal muscle mass: sarcopenia as a marker of overall health in children and adults. <i>Pediatric Radiology</i> , 2020, 50, 455-464.	2.0	44
20	Appendiceal diameter as a predictor of appendicitis in children: improved diagnosis with three diagnostic categories derived from a logistic predictive model. <i>European Radiology</i> , 2015, 25, 2231-2238.	4.5	43
21	Imaging button battery ingestions and insertions in children: a 15-year single-center review. <i>Pediatric Radiology</i> , 2017, 47, 178-185.	2.0	41
22	Prospective Assessment of Correlation between US Acoustic Radiation Force Impulse and MR Elastography in a Pediatric Population: Dispersion of US Shear-Wave Speed Measurement Matters. <i>Radiology</i> , 2016, 281, 544-552.	7.3	40
23	A review of neuroblastoma image-defined risk factors on magnetic resonance imaging. <i>Pediatric Radiology</i> , 2018, 48, 1337-1347.	2.0	39
24	Linearity and Bias of Proton Density Fat Fraction as a Quantitative Imaging Biomarker: A Multicenter, Multiplatform, Multivendor Phantom Study. <i>Radiology</i> , 2021, 298, 640-651.	7.3	39
25	Relation of Magnetic Resonance Elastography to Fontan Failure and Portal Hypertension. <i>American Journal of Cardiology</i> , 2019, 124, 1454-1459.	1.6	38
26	Machine Learning Prediction of Liver Stiffness Using Clinical and T2-Weighted MRI Radiomic Data. <i>American Journal of Roentgenology</i> , 2019, 213, 592-601.	2.2	37
27	ACR Appropriateness Criteria Â® Urinary Tract Infection Child. <i>Journal of the American College of Radiology</i> , 2017, 14, S362-S371.	1.8	33
28	JOURNAL CLUB: The Pediatric Appendix: Defining Normal. <i>American Journal of Roentgenology</i> , 2014, 202, 936-945.	2.2	32
29	Assessment of liver T1 mapping in fontan patients and its correlation with magnetic resonance elastography-derived liver stiffness. <i>Abdominal Radiology</i> , 2019, 44, 2403-2408.	2.1	32
30	Diagnostic performance of quantitative magnetic resonance imaging biomarkers for predicting portal hypertension in children and young adults with autoimmune liver disease. <i>Pediatric Radiology</i> , 2019, 49, 332-341.	2.0	32
31	Quantitative MRI of fatty liver disease in a large pediatric cohort: correlation between liver fat fraction, stiffness, volume, and patient-specific factors. <i>Abdominal Radiology</i> , 2018, 43, 1168-1179.	2.1	31
32	Putting it all together: established and emerging MRI techniques for detecting and measuring liver fibrosis. <i>Pediatric Radiology</i> , 2018, 48, 1256-1272.	2.0	31
33	Prospective Assessment of Ultrasound Shear Wave Elastography for Discriminating Biliary Atresia from other Causes of Neonatal Cholestasis. <i>Journal of Pediatrics</i> , 2019, 212, 60-65.e3.	1.8	31
34	Sensitivity of Biochemical and Imaging Findings for the Diagnosis of Acute Pancreatitis in Children. <i>Journal of Pediatrics</i> , 2019, 213, 143-148.e2.	1.8	30
35	Melanoma metastases in the abdomen and pelvis: Frequency and patterns of spread. <i>World Journal of Radiology</i> , 2013, 5, 25.	1.1	30
36	Hereditary Renal Cystic Disorders: Imaging of the Kidneys and Beyond. <i>Radiographics</i> , 2017, 37, 924-946.	3.3	29

#	ARTICLE	IF	CITATIONS
37	Elastography to assess the stage of liver fibrosis in children: Concepts, opportunities, and challenges. <i>Clinical Liver Disease</i> , 2017, 9, 5-10.	2.1	29
38	Comparison of ultrasound versus computed tomography for the detection of kidney stones in the pediatric population: a clinical effectiveness study. <i>Pediatric Radiology</i> , 2018, 48, 962-972.	2.0	29
39	Normal Liver Stiffness Measured with MR Elastography in Children. <i>Radiology</i> , 2020, 297, 663-669.	7.3	29
40	Patterns of intravenous contrast material use and corticosteroid premedication in children—a survey of Society of Chairs of Radiology in Children’s Hospitals (SCORCH) member institutions. <i>Pediatric Radiology</i> , 2011, 41, 1272-1283.	2.0	28
41	Defining the ultrasound longitudinal natural history of newly diagnosed pediatric small bowel Crohn disease treated with infliximab and infliximab+azathioprine combination therapy. <i>Pediatric Radiology</i> , 2017, 47, 924-934.	2.0	28
42	Assessment of Nonalcoholic Fatty Liver Disease Progression in Children Using Magnetic Resonance Imaging. <i>Journal of Pediatrics</i> , 2018, 201, 86-92.	1.8	28
43	Hepatic R2* is more strongly associated with proton density fat fraction than histologic liver iron scores in patients with nonalcoholic fatty liver disease. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 1456-1466.	3.4	28
44	Liver Shear Wave Speed and Other Quantitative Ultrasound Measures of Liver Parenchyma: Prospective Evaluation in Healthy Children and Adults. <i>American Journal of Roentgenology</i> , 2020, 214, 557-565.	2.2	27
45	Repeatability and Agreement of Shear Wave Speed Measurements in Phantoms and Human Livers Across 6 Ultrasound 2-Dimensional Shear Wave Elastography Systems. <i>Investigative Radiology</i> , 2020, 55, 191-199.	6.2	27
46	Quantitative Liver MRI-Biopsy Correlation in Pediatric and Young Adult Patients With Nonalcoholic Fatty Liver Disease: Can One Be Used to Predict the Other?. <i>American Journal of Roentgenology</i> , 2018, 210, 166-174.	2.2	26
47	Risk of Acute Kidney Injury Following Contrast-enhanced CT in Hospitalized Pediatric Patients: A Propensity Score Analysis. <i>Radiology</i> , 2020, 294, 548-556.	7.3	26
48	Use of Clinical Data to Predict Appendicitis in Patients with Equivocal US Findings. <i>Radiology</i> , 2016, 280, 557-567.	7.3	25
49	Severe obesity is associated with liver disease severity in pediatric nonalcoholic fatty liver disease. <i>Pediatric Obesity</i> , 2020, 15, e12581.	2.8	25
50	Penetrating Crohn disease: does it occur in the absence of stricturing disease?. <i>Abdominal Radiology</i> , 2018, 43, 1583-1589.	2.1	24
51	Congenital Portosystemic Shunts in Children: Associations, Complications, and Outcomes. <i>Digestive Diseases and Sciences</i> , 2020, 65, 1239-1251.	2.3	24
52	Vertebroplasty in the inpatient population. <i>American Journal of Neuroradiology</i> , 2005, 26, 1629-33.	2.4	24
53	Association between Testicular Microlithiasis and Testicular Neoplasia: Large Multicenter Study in a Pediatric Population. <i>Radiology</i> , 2017, 285, 576-583.	7.3	23
54	North American Society for Pediatric Gastroenterology, Hepatology and Nutrition and the Society for Pediatric Radiology Joint Position Paper on Noninvasive Imaging of Pediatric Pancreatitis. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2021, 72, 151-167.	1.8	23

#	ARTICLE	IF	CITATIONS
55	Teaching Management of Contrast Reactions. <i>Academic Radiology</i> , 2012, 19, 498-504.	2.5	22
56	Improvement in Renal Cystic Disease of Tuberous Sclerosis Complex After Treatment with Mammalian Target of Rapamycin Inhibitor. <i>Journal of Pediatrics</i> , 2017, 187, 318-322.e2.	1.8	22
57	Frequency and Severity of Acute Allergic-Like Reactions to Intravenously Administered Gadolinium-Based Contrast Media in Children. <i>Investigative Radiology</i> , 2018, 53, 313-318.	6.2	22
58	Focal liver lesions following Fontan palliation of single ventricle physiology: A radiology&pathology case series. <i>Congenital Heart Disease</i> , 2019, 14, 380-388.	0.2	22
59	Does secretin add value in pediatric magnetic resonance cholangiopancreatography?. <i>Pediatric Radiology</i> , 2013, 43, 479-486.	2.0	21
60	ACR Appropriateness Criteria® Sinusitis-Child. <i>Journal of the American College of Radiology</i> , 2018, 15, S403-S412.	1.8	21
61	ACR Appropriateness Criteria® Suspected Spine Trauma-Child. <i>Journal of the American College of Radiology</i> , 2019, 16, S286-S299.	1.8	21
62	Myocardial fibrosis, diastolic dysfunction and elevated liver stiffness in the Fontan circulation. <i>Open Heart</i> , 2020, 7, e001434.	2.3	21
63	Imaging of Fontan-associated liver disease. <i>Pediatric Radiology</i> , 2020, 50, 1528-1541.	2.0	21
64	Automated Segmentation of Abdominal Skeletal Muscle on Pediatric CT Scans Using Deep Learning. <i>Radiology: Artificial Intelligence</i> , 2021, 3, e200130.	5.8	21
65	Imaging of Acute Pancreatitis. <i>Journal of Computer Assisted Tomography</i> , 2010, 34, 485-495.	0.9	20
66	Comparison of Standard Breath-Held, Free-Breathing, and Compressed Sensing 2D Gradient-Recalled Echo MR Elastography Techniques for Evaluating Liver Stiffness. <i>American Journal of Roentgenology</i> , 2018, 211, W279-W287.	2.2	20
67	Comparison of Two Neutral Oral Contrast Agents in Pediatric Patients: A Prospective Randomized Study. <i>Radiology</i> , 2018, 288, 245-251.	7.3	20
68	Castleman disease in pediatrics: Insights on presentation, treatment, and outcomes from a two&site retrospective cohort study. <i>Pediatric Blood and Cancer</i> , 2019, 66, e27613.	1.5	20
69	Community Socioeconomic Deprivation and Nonalcoholic Fatty Liver Disease Severity. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2020, 70, 364-370.	1.8	20
70	Twiddler syndrome with a twist: a cause of vagal nerve stimulator lead fracture. <i>Pediatric Radiology</i> , 2013, 43, 1647-1651.	2.0	19
71	Does Appendiceal Diameter Change With Age? A Sonographic Study. <i>American Journal of Roentgenology</i> , 2014, 203, 1120-1126.	2.2	19
72	Hoverboards: spectrum of injury and association with an uncommon fracture. <i>Pediatric Radiology</i> , 2017, 47, 437-441.	2.0	19

#	ARTICLE	IF	CITATIONS
73	Secretin-Enhanced Magnetic Resonance Cholangiopancreatography for Assessing Pancreatic Secretory Function in Children. <i>Journal of Pediatrics</i> , 2017, 188, 186-191.	1.8	19
74	Magnetic resonance imaging T1 relaxation times for the liver, pancreas and spleen in healthy children at 1.5 and 3 Tesla. <i>Pediatric Radiology</i> , 2019, 49, 1018-1024.	2.0	19
75	ACR Appropriateness Criteria® Back Pain Child. <i>Journal of the American College of Radiology</i> , 2017, 14, S13-S24.	1.8	18
76	What Patients Want to Know about Imaging Examinations: A Multiinstitutional U.S. Survey in Adult and Pediatric Teaching Hospitals on Patient Preferences for Receiving Information before Radiologic Examinations. <i>Radiology</i> , 2018, 287, 554-562.	7.3	18
77	Agreement between manual relaxometry and semi-automated scanner-based multi-echo Dixon technique for measuring liver T2* in a pediatric and young adult population. <i>Pediatric Radiology</i> , 2018, 48, 94-100.	2.0	18
78	Normal pancreatic parenchymal thickness by CT in healthy children. <i>Pediatric Radiology</i> , 2018, 48, 1600-1605.	2.0	18
79	Differentiating pediatric autoimmune liver diseases by quantitative magnetic resonance cholangiopancreatography. <i>Abdominal Radiology</i> , 2020, 45, 168-176.	2.1	18
80	Quantification of Hepatic Steatosis by Ultrasound: Prospective Comparison With MRI Proton Density Fat Fraction as Reference Standard. <i>American Journal of Roentgenology</i> , 2022, 219, 784-791.	2.2	18
81	The presentation and management of choledochocoele (type III choledochal cyst): A 40-year systematic review of the literature. <i>Journal of Pediatric Surgery</i> , 2017, 52, 644-649.	1.6	17
82	Can MR elastography be used to measure liver stiffness in patients with iron overload?. <i>Abdominal Radiology</i> , 2019, 44, 104-109.	2.1	17
83	Pediatric applications of Dotatate: early diagnostic and therapeutic experience. <i>Pediatric Radiology</i> , 2020, 50, 882-897.	2.0	17
84	MR urography in children and adolescents: techniques and clinical applications. <i>Abdominal Radiology</i> , 2016, 41, 1007-1019.	2.1	16
85	Allergic-like contrast media reaction management in children. <i>Pediatric Radiology</i> , 2018, 48, 1688-1694.	2.0	16
86	Muscle Mass Is Linked to Liver Disease Severity in Pediatric Nonalcoholic Fatty Liver Disease. <i>Journal of Pediatrics</i> , 2020, 223, 93-99.e2.	1.8	16
87	Interobserver and Intra-Observer Reliability of the Urinary Tract Dilation Classification System in Neonates: A Multicenter Study. <i>Journal of Urology</i> , 2019, 201, 1186-1192.	0.4	16
88	Use of MR Urography in Pediatric Patients. <i>Current Urology Reports</i> , 2018, 19, 93.	2.2	15
89	Inter-radiologist agreement using Society of Abdominal Radiology-American Gastroenterological Association (SAR-AGA) consensus nomenclature for reporting CT and MR enterography in children and young adults with small bowel Crohn disease. <i>Abdominal Radiology</i> , 2019, 44, 391-397.	2.1	15
90	ACR Appropriateness Criteria® Parathyroid Adenoma. <i>Journal of the American College of Radiology</i> , 2021, 18, S406-S422.	1.8	15

#	ARTICLE	IF	CITATIONS
91	Normative values for ultrasound measurements of the female pelvic organs throughout childhood and adolescence. <i>Pediatric Radiology</i> , 2019, 49, 1042-1050.	2.0	14
92	Serum Matrix Metalloproteinase 7 Is a Diagnostic Biomarker of Biliary Injury and Fibrosis in Pediatric Autoimmune Liver Disease. <i>Hepatology Communications</i> , 2020, 4, 1680-1693.	4.3	14
93	Apprenticeships Ease the Transition to Independent Call. <i>Academic Radiology</i> , 2011, 18, 1186-1194.	2.5	13
94	3D printed pathological sectioning boxes to facilitate radiologicalâ€“pathological correlation in hepatectomy cases. <i>Journal of Clinical Pathology</i> , 2017, 70, 984-987.	2.0	13
95	Imaging of the pediatric peritoneum, mesentery and omentum. <i>Pediatric Radiology</i> , 2017, 47, 987-1000.	2.0	13
96	Hepatocyte-specific contrast media: not so simple. <i>Pediatric Radiology</i> , 2018, 48, 1245-1255.	2.0	13
97	Frequency of technical success of two-dimensional ultrasound shear wave elastography in a large pediatric and young adult cohort: a clinical effectiveness study. <i>Pediatric Radiology</i> , 2019, 49, 1025-1031.	2.0	13
98	Sentinel lymph node biopsy in head and neck rhabdomyosarcoma. <i>Pediatric Blood and Cancer</i> , 2019, 66, e27532.	1.5	13
99	Non-contrast three-dimensional gradient recalled echo Dixon-based magnetic resonance angiography/venography in children. <i>Pediatric Radiology</i> , 2019, 49, 407-414.	2.0	13
100	3D MR elastography of the pancreas in children. <i>Abdominal Radiology</i> , 2019, 44, 1834-1840.	2.1	13
101	ACR Appropriateness Criteria Fever Without Source or Unknown Originâ€“Child. <i>Journal of the American College of Radiology</i> , 2016, 13, 922-930.	1.8	12
102	Appendiceal diameter: CT versus sonographic measurements. <i>Pediatric Radiology</i> , 2016, 46, 316-321.	2.0	12
103	Two-dimensional ultrasound shear wave elastography for identifying and staging liver fibrosis in pediatric patients with known or suspected liver disease: a clinical effectiveness study. <i>Pediatric Radiology</i> , 2020, 50, 1255-1262.	2.0	12
104	Abdominal and pelvic CT in cases of suspected abuse: can clinical and laboratory findings guide its use?. <i>Pediatric Radiology</i> , 2011, 41, 92-98.	2.0	11
105	Measuring liver T2* and cardiac T2* in a single acquisition. <i>Abdominal Radiology</i> , 2018, 43, 2303-2308.	2.1	11
106	Relationship between abdominal fat stores and liver fat, pancreatic fat, and metabolic comorbidities in a pediatric population with non-alcoholic fatty liver disease. <i>Abdominal Radiology</i> , 2019, 44, 3107-3114.	2.1	11
107	MRI measured liver stiffness does not predict focal liver lesions after the Fontan operation. <i>Pediatric Radiology</i> , 2019, 49, 99-104.	2.0	11
108	Time-Driven Activity-Based Cost Comparison of Three Imaging Pathways for Suspected Midgut Volvulus in Children. <i>Journal of the American College of Radiology</i> , 2020, 17, 1563-1570.	1.8	11

#	ARTICLE	IF	CITATIONS
109	Secretin Improves Visualization of Nondilated Pancreatic Ducts in Children Undergoing MRCP. American Journal of Roentgenology, 2020, 214, 917-922.	2.2	11
110	Healthy pancreatic parenchymal volume and its relationship to exocrine function. Pediatric Radiology, 2020, 50, 684-688.	2.0	11
111	Temperature-corrected proton density fat fraction estimation using chemical shift-encoded MRI in phantoms. Magnetic Resonance in Medicine, 2021, 86, 69-81.	3.0	11
112	Prognostic significance of pretreatment 18F-FDG positron emission tomography/computed tomography in pediatric neuroblastoma. Pediatric Radiology, 2021, 51, 1400-1405.	2.0	11
113	MR enterography: how to deliver added value. Pediatric Radiology, 2016, 46, 829-837.	2.0	10
114	Prospective Assessment of Normal Pancreatic Secretory Function Measured by MRI in a Cohort of Healthy children. American Journal of Gastroenterology, 2018, 113, 1385.	0.4	10
115	Respiratory motion in children and young adults undergoing liver magnetic resonance imaging with intravenous gadoxetate disodium contrast material. Pediatric Radiology, 2019, 49, 1171-1176.	2.0	10
116	Abdominal Skeletal Muscle Index as a Potential Novel Biomarker in Adult Fontan Patients. CJC Open, 2020, 2, 55-61.	1.5	10
117	Lymphopenia in adults after the Fontan operation: prevalence and associations. Cardiology in the Young, 2020, 30, 641-648.	0.8	10
118	Gender trends in authorship of Pediatric Radiology publications and impact of the COVID-19 pandemic. Pediatric Radiology, 2022, 52, 868-873.	2.0	10
119	Defining Normal Ranges of Skeletal Muscle Area and Skeletal Muscle Index in Children on CT Using an Automated Deep Learning Pipeline: Implications for Sarcopenia Diagnosis. American Journal of Roentgenology, 2022, 219, 326-336.	2.2	10
120	Single and multidimensional measurements underestimate neuroblastoma response to therapy. Pediatric Blood and Cancer, 2017, 64, 18-24.	1.5	9
121	Intrahepatic cholangiocarcinoma after Fontan procedure in an adult with visceral heterotaxy. Pathology Research and Practice, 2018, 214, 914-918.	2.3	9
122	Quantifying Value-Based Imaging. Journal of the American College of Radiology, 2019, 16, 1177-1178.	1.8	9
123	ACR Appropriateness Criteria® Scoliosis-Child. Journal of the American College of Radiology, 2019, 16, S244-S251.	1.8	9
124	Comparison of liver T1 relaxation times without and with iron correction in pediatric autoimmune liver disease. Pediatric Radiology, 2020, 50, 935-942.	2.0	9
125	Body composition measured by bioelectrical impedance analysis is a viable alternative to magnetic resonance imaging in children with nonalcoholic fatty liver disease. Journal of Parenteral and Enteral Nutrition, 2022, 46, 378-384.	2.6	9
126	Trends in Pediatric Appendicitis and Imaging Strategies During Covid-19 in the United States. Academic Radiology, 2021, 28, 1500-1506.	2.5	9

#	ARTICLE	IF	CITATIONS
127	Optimizing the interval between G-CSF therapy and F-18 FDG PET imaging in children and young adults receiving chemotherapy for sarcoma. <i>Pediatric Radiology</i> , 2015, 45, 1001-1006.	2.0	8
128	Respiratory-triggered spin-echo echo-planar imaging-based mr elastography for evaluating liver stiffness. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 391-396.	3.4	8
129	Thromboembolic Events Are Independently Associated with Liver Stiffness in Patients with Fontan Circulation. <i>Journal of Clinical Medicine</i> , 2020, 9, 418.	2.4	8
130	Sarcopenia is highly prevalent in children with autoimmune liver diseases and is linked to visceral fat and parent-perceived general health. <i>Liver International</i> , 2022, 42, 394-401.	3.9	8
131	Diagnostic performance of ultrasound hepatorenal index for the diagnosis of hepatic steatosis in children. <i>Pediatric Radiology</i> , 2022, 52, 1306-1313.	2.0	8
132	Transparency and Variability in Pricing for Pediatric Outpatient Imaging in US Children's Hospitals. <i>JAMA Network Open</i> , 2022, 5, e220736.	5.9	8
133	Abdominal CT and MRI Findings of Portal Hypertension in Children and Adults with Fontan Circulation. <i>Radiology</i> , 2022, 303, 557-565.	7.3	8
134	Case 189: Pediatric Mucopolysaccharidosis. <i>Radiology</i> , 2013, 266, 357-361.	7.3	7
135	Thoracoabdominal imaging of tuberous sclerosis. <i>Pediatric Radiology</i> , 2018, 48, 1307-1323.	2.0	7
136	Diagnostic performance of magnetic resonance cholangiopancreatography (MRCP) versus endoscopic retrograde cholangiopancreatography (ERCP) in the pediatric population: a clinical effectiveness study. <i>Abdominal Radiology</i> , 2019, 44, 2377-2383.	2.1	7
137	Differentiated Thyroid Cancer in the Pediatric/Adolescent Population: Evolution of Treatment. <i>Journal of Pediatric Hematology/Oncology</i> , 2019, 41, 532-536.	0.6	7
138	Natural Course of Pediatric Portal Hypertension. <i>Hepatology Communications</i> , 2020, 4, 1346-1352.	4.3	7
139	Improving Malignancy Prediction in AUS/FLUS Pediatric Thyroid Nodules with the Aid of Ultrasound. <i>Hormone Research in Paediatrics</i> , 2020, 93, 239-244.	1.8	7
140	Frequency, Progression, and Current Management: Report of 16 New Cases of Nonfunctional Pancreatic Neuroendocrine Tumors in Tuberous Sclerosis Complex and Comparison With Previous Reports. <i>Frontiers in Neurology</i> , 2021, 12, 627672.	2.4	7
141	Comparison of compressed SENSE and SENSE for quantitative liver MRI in children and young adults. <i>Abdominal Radiology</i> , 2021, 46, 4567-4575.	2.1	7
142	Current State of Imaging of Pediatric Pancreatitis: <i>AJR</i> Expert Panel Narrative Review. <i>American Journal of Roentgenology</i> , 2021, 217, 265-277.	2.2	7
143	Impedance-based measures of muscle mass can be used to predict severity of hepatic steatosis in pediatric nonalcoholic fatty liver disease. <i>Nutrition</i> , 2021, 91-92, 111447.	2.4	7
144	Skeletal muscle mass as a marker to predict outcomes in children and young adults with cancer. <i>Abdominal Radiology</i> , 2022, 47, 452-459.	2.1	7

#	ARTICLE	IF	CITATIONS
145	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
146	Multiparametric quantitative renal MRI in children and young adults: comparison between healthy individuals and patients with chronic kidney disease. <i>Abdominal Radiology</i> , 2022, 47, 1840-1852.	2.1	7
147	Seasonal foreign bodies: the dangers of winter holiday ornamentation. <i>Pediatric Radiology</i> , 2014, 44, 1610-1616.	2.0	6
148	Magnetic resonance elastography assessment of fibrosis in children with NAFLD: Promising but not perfect. <i>Hepatology</i> , 2017, 66, 1373-1376.	7.3	6
149	Pediatric radiology mission work: opportunities, challenges and outcomes. <i>Pediatric Radiology</i> , 2018, 48, 1698-1708.	2.0	6
150	Ultrasound versus computed tomography for the detection of ureteral calculi in the pediatric population: a clinical effectiveness study. <i>Abdominal Radiology</i> , 2019, 44, 1858-1866.	2.1	6
151	ACR Appropriateness Criteria® Vomiting in Infants. <i>Journal of the American College of Radiology</i> , 2020, 17, S505-S515.	1.8	6
152	Association between liver diffusion-weighted imaging apparent diffusion coefficient values and other measures of liver disease in pediatric autoimmune liver disease patients. <i>Abdominal Radiology</i> , 2021, 46, 197-204.	2.1	6
153	Comparison of 0.3-mSv CT to Standard-Dose CT for Detection of Lung Nodules in Children and Young Adults With Cancer. <i>American Journal of Roentgenology</i> , 2021, 217, 1444-1451.	2.2	6
154	Relation of Magnetic Resonance Elastography to Fontan Circulatory Failure in a Cohort of Pediatric and Adult Patients. <i>Pediatric Cardiology</i> , 2021, 42, 1871-1878.	1.3	6
155	Pancreatic Masses in Children and Young Adults: Multimodality Review with Pathologic Correlation. <i>Radiographics</i> , 2021, 41, 1766-1784.	3.3	6
156	Magnetic Resonance Cholangiopancreatography vs Endoscopy Retrograde Cholangiopancreatography for Detection of Anatomic Variants of the Pancreatic Duct in Children. <i>Journal of Pediatrics</i> , 2022, 244, 120-124.	1.8	6
157	Simulated Reduced-Count Whole-Body FDG PET: Evaluation in Children and Young Adults Imaged on a Digital PET Scanner. <i>American Journal of Roentgenology</i> , 2022, 219, 952-961.	2.2	6
158	Multidetector CT of pancreatic hemangiopericytoma. <i>Cancer Imaging</i> , 2009, 9, 15-18.	2.8	5
159	Comparison of Discrepancy Rates in Resident and Faculty Interpretations of On-Call PE CT and V/Q Scans: Is One Study More Reliable During Off Hours?. <i>Journal of the American College of Radiology</i> , 2011, 8, 415-421.	1.8	5
160	Appendiceal ultrasound: the importance of conveying probability of disease. <i>Pediatric Radiology</i> , 2015, 45, 1930-1931.	2.0	5
161	Radiation dose reduction through combining positron emission tomography/computed tomography (PET/CT) and diagnostic CT in children and young adults with lymphoma. <i>Pediatric Radiology</i> , 2018, 48, 196-203.	2.0	5
162	Intravenous gadolinium-based hepatocyte-specific contrast agents (HSCAs) for contrast-enhanced liver magnetic resonance imaging in pediatric patients: what the radiologist should know. <i>Pediatric Radiology</i> , 2019, 49, 1256-1268.	2.0	5

#	ARTICLE	IF	CITATIONS
163	Automatic Detection of Inadequate Pediatric Lateral Neck Radiographs of the Airway and Soft Tissues using Deep Learning. <i>Radiology: Artificial Intelligence</i> , 2020, 2, e190226.	5.8	5
164	Pancreas ultrasound two-dimensional shear wave elastography in healthy children. <i>Pediatric Radiology</i> , 2021, 51, 403-409.	2.0	5
165	Imaging in support of the clinical diagnoses of COVID-19 and multisystem inflammatory syndrome in children. <i>Pediatric Radiology</i> , 2021, 51, 693-694.	2.0	5
166	Assessment of agreement between manual and automated processing of liver MR elastography for shear stiffness estimation in children and young adults with autoimmune liver disease. <i>Abdominal Radiology</i> , 2021, 46, 3927-3934.	2.1	5
167	ACR Appropriateness Criteria® Seizures-Child. <i>Journal of the American College of Radiology</i> , 2021, 18, S199-S211.	1.8	5
168	ACR Appropriateness Criteria® Cerebrovascular Disease-Child. <i>Journal of the American College of Radiology</i> , 2020, 17, S36-S54.	1.8	5
169	Working from home during the COVID-19 pandemic: surveys of the Society for Pediatric Radiology and the Society of Chiefs of Radiology at Children's Hospitals. <i>Pediatric Radiology</i> , 2022, 52, 1242-1254.	2.0	5
170	Consensus on Elastography of the Liver. <i>Radiology</i> , 2016, 278, 303-304.	7.3	4
171	ACR Appropriateness Criteria® Hematuria-Child. <i>Journal of the American College of Radiology</i> , 2018, 15, S91-S103.	1.8	4
172	Nodular macroregenerative tissue as a pattern of regeneration in cholangiopathic disorders. <i>Pediatric Radiology</i> , 2018, 48, 932-940.	2.0	4
173	Virtual Reality: New Insights Regarding the Prevalence of Nonalcoholic Fatty Liver Disease in Children and Adolescents with Obesity Using Magnetic Resonance Imaging. <i>Journal of Pediatrics</i> , 2019, 207, 8-10.	1.8	4
174	Validation of threshold values for pancreas thickness and T1-weighted signal intensity ratio in the pediatric pancreas. <i>Pediatric Radiology</i> , 2020, 50, 1381-1386.	2.0	4
175	Metastatic neuroblastoma masquerading as infantile hemangioma in a 4-month-old child. <i>Pediatric Blood and Cancer</i> , 2021, 68, e28920.	1.5	4
176	Developing an adolescent and adult Fontan Management Programme. <i>Cardiology in the Young</i> , 2022, 32, 230-235.	0.8	4
177	Extraneural Metastases of Diffuse Midline Glioma, H3 K27M-Mutant at Diagnosis: Case Report, Review of the Literature, and Identifying Targetable Alterations. <i>Journal of Pediatric Hematology/Oncology</i> , 2022, 44, e597-e604.	0.6	4
178	Value Assessment of Evolving Pediatric Appendicitis Imaging Strategies Between 2004 and 2018. <i>Journal of the American College of Radiology</i> , 2020, 17, 1549-1554.	1.8	4
179	Detection of urinary tract calculi on CT images reconstructed with deep learning algorithms. <i>Abdominal Radiology</i> , 2022, 47, 265-271.	2.1	4
180	Relation of Liver Volume to Adverse Cardiovascular Events in Adolescents and Adults With Fontan Circulation. <i>American Journal of Cardiology</i> , 2022, 165, 88-94.	1.6	4

#	ARTICLE	IF	CITATIONS
181	Velocity-Encoded Phase-Contrast MRI for Measuring Mesenteric Blood Flow in Patients With Newly Diagnosed Small-Bowel Crohn Disease. <i>American Journal of Roentgenology</i> , 2022, 219, 132-141.	2.2	4
182	Patient- and Examination-Related Predictors of 3D MRCP Image Quality in Children. <i>American Journal of Roentgenology</i> , 2022, 218, 910-916.	2.2	4
183	Comparison of Quantitative Liver US and MRI in Patients with Liver Disease. <i>Radiology</i> , 0, , .	7.3	4
184	Advances in Oncologic Imaging. <i>European Journal of Pediatric Surgery</i> , 2014, 24, 474-481.	1.3	3
185	Measurement error in CT assessment of appendix diameter. <i>Pediatric Radiology</i> , 2016, 46, 1831-1836.	2.0	3
186	Extensive heterotopic gastric mucosa of the small intestine: imaging with ^{99m} Tc-sodium pertechnetate SPECT/CT enterography. <i>Pediatric Radiology</i> , 2016, 46, 1873-1878.	2.0	3
187	Change in liver, spleen and bone marrow magnetic resonance imaging signal intensity over time in children with solid abdominal tumors. <i>Pediatric Radiology</i> , 2018, 48, 325-332.	2.0	3
188	Comparison of navigator-gated and breath-held image acquisition techniques for multi-echo quantitative dixon imaging of the liver in children and young adults. <i>Abdominal Radiology</i> , 2019, 44, 2172-2181.	2.1	3
189	Magnetic resonance imaging glossary of findings of pediatric pancreatitis and the revised Atlanta classification. <i>Pediatric Radiology</i> , 2022, 52, 189-199.	2.0	3
190	Under-reporting of Hepatic Steatosis in Children: A Missed Opportunity for Early Detection. <i>Journal of Pediatrics</i> , 2021, 234, 92-98.e2.	1.8	3
191	Quantitative abdominal magnetic resonance imaging in children—special considerations. <i>Abdominal Radiology</i> , 2022, 47, 3069-3077.	2.1	3
192	Study protocol: a prospective controlled clinical trial to assess surgical or medical treatment for paediatric type 2 diabetes (STOMP). <i>BMJ Open</i> , 2021, 11, e047766.	1.9	3
193	Nitric acid dissolution of large mixed cellulose ester filters for beryllium determination. <i>Inorganica Chimica Acta</i> , 2008, 361, 3069-3074.	2.4	2
194	The striated MR nephrogram, not a reflection of pathology. <i>Pediatric Radiology</i> , 2015, 45, 1644-1650.	2.0	2
195	Transduodenal resection of a choledochoce (type III choledochal cyst) with sphincteroplasty: A case report. <i>Journal of Pediatric Surgery Case Reports</i> , 2016, 9, 26-30.	0.2	2
196	MRI for First-Line Evaluation of Children Suspected of Having Acute Appendicitis. <i>Radiology</i> , 2019, 291, 178-179.	7.3	2
197	Current trends in pediatric nuclear medicine: a Society for Pediatric Radiology membership survey. <i>Pediatric Radiology</i> , 2020, 50, 1139-1147.	2.0	2
198	Relation of visceral fat and haemodynamics in adults with Fontan circulation. <i>Cardiology in the Young</i> , 2020, 30, 995-1000.	0.8	2

#	ARTICLE	IF	CITATIONS
199	Relationship between magnetic resonance imaging spleen T1 relaxation and other radiologic and clinical biomarkers of liver fibrosis in children and young adults with autoimmune liver disease. <i>Abdominal Radiology</i> , 2020, 45, 3709-3715.	2.1	2
200	Primary thyroid dysfunction after single intravenous iodinated contrast exposure in young children: a propensity score matched analysis. <i>Pediatric Radiology</i> , 2021, 51, 640-648.	2.0	2
201	Hepatic Steatosis in Patients With Single Ventricle and a Fontan Circulation. <i>Journal of the American Heart Association</i> , 2021, 10, e019942.	3.7	2
202	Clinical Predictors and Outcomes for Recurrent Pneumatosis Intestinalis in Children: A Case Control Study. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2021, 73, e87-e93.	1.8	2
203	Agreement Between Automated and Clinically-Reported Manual ROI-Based MR Elastography Liver Stiffness Measurements in Children and Young Adults. <i>American Journal of Roentgenology</i> , 2021, , 1-2.	2.2	2
204	Hepatic Steatosis in Infancy: The Beginning of Pediatric Nonalcoholic Fatty Liver Disease?. <i>JPGN Reports</i> , 2021, 2, e113.	0.4	2
205	Comparison of quantitative 3D magnetic resonance cholangiography measurements obtained using three different image acquisition methods. <i>Abdominal Radiology</i> , 2022, 47, 196-208.	2.1	2
206	Performance of C&ESENSE Accelerated Rapid Liver Shear Stiffness Measurement Using Displacement Wave Polarity&Inversion Motion Encoding: An Evaluation Study. <i>Journal of Magnetic Resonance Imaging</i> , 2022, , .	3.4	2
207	Prevalence of thoracoabdominal imaging findings in tuberous sclerosis complex. <i>Orphanet Journal of Rare Diseases</i> , 2022, 17, 124.	2.7	2
208	Ultrasound findings of acute pancreatitis in children. <i>Pediatric Radiology</i> , 2022, 52, 2342-2347.	2.0	2
209	Pancreas volumes and predictive factors in healthy children. <i>Pediatric Radiology</i> , 2022, 52, 2568-2574.	2.0	2
210	Case 189. <i>Radiology</i> , 2012, 264, 910-911.	7.3	1
211	Cholangioscopic Management of Mirizzi Syndrome in a Pediatric Patient. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2017, 65, e111.	1.8	1
212	Renal Lesions in Lymphangioliomyomatosis and Tuberous Sclerosis Complex Are Rarely Biologically Aggressive. <i>American Journal of Roentgenology</i> , 2018, 210, W131-W131.	2.2	1
213	Update on Pediatric Kidney and Urinary Tract Imaging. <i>Current Treatment Options in Pediatrics</i> , 2018, 4, 1-13.	0.6	1
214	mTOR Inhibitor Therapy for Tuberous Sclerosis Complex: Longitudinal Study of Muscle Mass Determined by Abdominal Cross-sectional Imaging with CT and MRI. <i>Radiology Imaging Cancer</i> , 2020, 2, e190091.	1.6	1
215	Imaging prediction of islet yield and post-operative insulin requirement in children undergoing total pancreatectomy with islet autotransplantation. <i>Pancreatology</i> , 2021, 21, 269-274.	1.1	1
216	Noninvasive imaging of pediatric pancreatitis: joint recommendations from the North American Society for Pediatric Gastroenterology, Hepatology and Nutrition and the Society for Pediatric Radiology. <i>Pediatric Radiology</i> , 2021, 51, 8-10.	2.0	1

#	ARTICLE	IF	CITATIONS
217	Fusing acceleration and saturation techniques with wave amplitude labeling of time-shifted zeniths MR elastography. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 1552-1560.	3.0	1
218	Variation in imaging outcomes associated with individual sonographers and radiologists in pediatric acute appendicitis: a retrospective cohort of 9271 examinations. <i>European Radiology</i> , 2021, 31, 8565-8577.	4.5	1
219	Practical considerations for pancreas ultrasound elastography: reply to Rojas-Rojas et al.. <i>Pediatric Radiology</i> , 2021, 51, 1770-1771.	2.0	1
220	Subtraction ictal SPECT co-registered to MRI (SISCOM) patterns in children with temporal lobe epilepsy. <i>Epilepsy and Behavior</i> , 2021, 121, 108074.	1.7	1
221	False lateralization of pre-surgical work-up in a child with a cortical cavernous malformation and intractable epilepsy. <i>Journal of Neurosurgical Sciences</i> , 2017, 62, 91-94.	0.6	1
222	Editorial for "Quality Control of MR Elastography Using Percent Measurable Liver Volume Estimation". <i>Journal of Magnetic Resonance Imaging</i> , 2022, 55, 1900-1901.	3.4	1
223	Agreement between serum estimates of glomerular filtration rate (GFR) and a reference standard of radioisotopic GFR in children with cancer. <i>Pediatric Radiology</i> , 2022, , 1.	2.0	1
224	Associations Between Quantitative MRI Metrics and Clinical Risk Scores in Children and Young Adults With Autoimmune Liver Disease. <i>American Journal of Roentgenology</i> , 2022, , .	2.2	1
225	Associations between MRI T1 mapping, liver stiffness, quantitative MRCP, and laboratory biomarkers in children and young adults with autoimmune liver disease. <i>Abdominal Radiology</i> , 2022, 47, 672-683.	2.1	1
226	Non-Invasive Approaches to Estimate Liver Steatosis and Stiffness in Children With Non-Alcoholic Fatty Liver Disease. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2022, 74, 495-502.	1.8	1
227	Radioiodine treatment of pediatric Graves disease: a multicenter review. <i>Pediatric Radiology</i> , 2023, 53, 21-27.	2.0	1
228	Case Report: Right Inguinal Lymph Node Abscess Masquerading as an Ovarian Torsion. <i>Journal of Pediatric and Adolescent Gynecology</i> , 2015, 28, e55-e56.	0.7	0
229	Equivocal Reporting in Pediatric US Does Not Decrease Clinical Certainty. <i>Radiology</i> , 2017, 282, 303-304.	7.3	0
230	Interpretation of Postoperative Intracranial Abscess. <i>Radiology</i> , 2017, 282, 305-306.	7.3	0
231	Possible Bias From Prepopulated Impressions in Structured Radiology Reports. <i>Journal of the American College of Radiology</i> , 2019, 16, 724-727.	1.8	0
232	Pediatric applications of Dotatate: reply to Shulkin et al.. <i>Pediatric Radiology</i> , 2021, 51, 497-498.	2.0	0
233	Liver T1 relaxation times without and with iron correction: reply to MÃzes and Tunnicliffe. <i>Pediatric Radiology</i> , 2021, 51, 501-501.	2.0	0
234	Predictors of Clinical Outcomes in Pediatric Appendicitis: Role of the Individual Sonographer and Radiologist When Using a First-Line Ultrasound Approach. <i>Journal of the American College of Radiology</i> , 2021, 18, 1128-1138.	1.8	0

#	ARTICLE	IF	CITATIONS
235	Functional Imaging of Pediatric Malignancies. , 2014, , 1411-1442.		0
236	Editorsâ€™ notebook: introduction. Pediatric Radiology, 2022, , 1.	2.0	0
237	ACR Appropriateness Criteria® Crohn Disease-Child. Journal of the American College of Radiology, 2022, 19, S19-S36.	1.8	0
238	Imaging for Vesicoureteral Reflux: Counterpointâ€™ Cost, Diagnostic Performance, and Preferences Need to Be Further Assessed Before Replacing VCUG With CEVUS. American Journal of Roentgenology, 0, , .	2.2	0