

Hansel J Otero

List of Publications by Year in descending order

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Version: 2024-02-01

107
papers

2,059
citations

331642
21
h-index

265191
42
g-index

109
all docs

109
docs citations

109
times ranked

2286
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic contrast-enhanced magnetic resonance lymphangiography. <i>Pediatric Radiology</i> , 2022, 52, 285-294.	2.0	21
2	Radiologists should support non-radiologist point-of-care ultrasonography in children: a case for involvement and collaboration. <i>Pediatric Radiology</i> , 2022, 52, 604-607.	2.0	4
3	Computed tomography of the airways and lungs in congenital heart disease. <i>Pediatric Radiology</i> , 2022, 52, 2529-2537.	2.0	3
4	Optimizing neonatal cardiac imaging (magnetic resonance/computed tomography). <i>Pediatric Radiology</i> , 2022, 52, 661-675.	2.0	10
5	Ultrasound imaging of preterm brain injury: fundamentals and updates. <i>Pediatric Radiology</i> , 2022, 52, 817-836.	2.0	14
6	Dynamic contrast-enhanced MR lymphangiography: feasibility of using ferumoxytol in patients with chronic kidney disease. <i>European Radiology</i> , 2022, 32, 2564-2571.	4.5	3
7	Child Abuse Imaging and Findings in the Time of COVID-19. <i>Pediatric Emergency Care</i> , 2022, 38, 65-69.	0.9	8
8	Ultrasound shear wave elastography cannot discriminate between low- and high-pressure neurogenic bladders. <i>Journal of Pediatric Urology</i> , 2022, , .	1.1	1
9	Magnetic resonance lymphangiography in post-Fontan palliation patients with MR non-conditional cardiac electronic devices: An institutional experience. <i>Clinical Imaging</i> , 2022, 86, 43-52.	1.5	3
10	Pilot study for comparative assessment of dual-energy computed tomography and single-photon emission computed tomography V/Q scanning for lung perfusion evaluation in infants. <i>Pediatric Pulmonology</i> , 2022, 57, 702-710.	2.0	5
11	Too much of a good thing: Learning the limits of the UTD risk classification in clinical practice. <i>Journal of Pediatric Urology</i> , 2022, , .	1.1	0
12	Longitudinal assessment of vascular calcification in generalized arterial calcification of infancy. <i>Pediatric Radiology</i> , 2022, 52, 2329-2341.	2.0	2
13	Frequency of duodenal anatomical variants in neonatal and pediatric upper gastrointestinal tract series (UGI) and the influence of exam quality on diagnostic reporting of these. <i>Clinical Imaging</i> , 2022, 87, 28-33.	1.5	3
14	Spectral imaging in the pediatric chest: past, present and future. <i>Pediatric Radiology</i> , 2022, 52, 1910-1920.	2.0	5
15	Neuroendocrine cell hyperplasia of infancy: Feasibility of objective evaluation with quantitative CT. <i>Clinical Imaging</i> , 2022, , .	1.5	0
16	Lymphatic anomalies in congenital heart disease. <i>Pediatric Radiology</i> , 2022, 52, 1862-1876.	2.0	2
17	Investigating Low-Dose Image Quality in Whole-Body Pediatric ¹⁸ F-FDG Scans Using Time-of-Flight PET/MRI. <i>Journal of Nuclear Medicine</i> , 2021, 62, 123-130.	5.0	22
18	Identification and characterization of calyceal diverticula with MR urography (MRU) in children. <i>Abdominal Radiology</i> , 2021, 46, 303-310.	2.1	3

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19	Editorial Comment on “Success of Nonsedated Neuroradiologic MRI in Children 1–7 Years Old”, American Journal of Roentgenology, 2021, 216, 1377-1377.	2.2	0
20	Referral Activity in Three Store-and-Forward Networks during the COVID-19 Coronavirus Pandemic. International Journal of Telemedicine and Applications, 2021, 2021, 1-9.	2.0	2
21	CTA utilization for evaluation of suspected pulmonary embolism in a tertiary pediatric emergency department. Clinical Imaging, 2021, 75, 105-110.	1.5	1
22	Normal age-related quantitative CT values in the pediatric lung: from the first breath to adulthood. Clinical Imaging, 2021, 75, 111-118.	1.5	3
23	Potential benefits of functional magnetic resonance urography (fMRU) over MAG3 renal scan in children with obstructive uropathy. Journal of Pediatric Urology, 2021, 17, 659.e1-659.e7.	1.1	7
24	Validation of computed tomography angiography as a complementary test in the assessment of renal artery stenosis: a comparison with digital subtraction angiography. Pediatric Radiology, 2021, 51, 2507-2520.	2.0	3
25	Developmental hip dysplasia and hip ultrasound frequency in a large American payer database. Clinical Imaging, 2021, 76, 213-216.	1.5	9
26	Image Quality of ECG-Triggered High-Pitch, Dual-Source Computed Tomography Angiography for Cardiovascular Assessment in Children. Current Problems in Diagnostic Radiology, 2020, 49, 23-28.	1.4	1
27	Diagnostic performance of CT angiography to detect pulmonary vein stenosis in children. International Journal of Cardiovascular Imaging, 2020, 36, 141-147.	1.5	17
28	State-of-the-Art Renal Imaging in Children. Pediatrics, 2020, 145, .	2.1	17
29	DTI of the kidney in children: comparison between normal kidneys and those with ureteropelvic junction (UPJ) obstruction. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2020, 33, 63-71.	2.0	10
30	Cost-Effectiveness Analysis in Pediatric Imaging: The Evidence (or Lack Thereof) Thus Far. Journal of the American College of Radiology, 2020, 17, 452-461.	1.8	7
31	Providing Expert Pediatric Teleradiology Services Around the Globe: The World Federation of Pediatric Imaging Experience. Journal of the American College of Radiology, 2020, 17, 53-55.	1.8	4
32	Gender Differences Among Academic Pediatric Radiology Faculty in the United States and Canada. Academic Radiology, 2020, 27, 575-581.	2.5	31
33	Lateral Neck Radiography in Preoperative Evaluation of Adenoid Hypertrophy. Annals of Otology, Rhinology and Laryngology, 2020, 129, 482-488.	1.1	12
34	Use of Contrast-Enhanced Ultrasound to Determine Thoracic Duct Patency. Journal of Vascular and Interventional Radiology, 2020, 31, 1670-1674.	0.5	20
35	Can lessons from the COVID-19 pandemic help define a strategy for global pediatric radiology education?. Pediatric Radiology, 2020, 50, 1641-1644.	2.0	5
36	Current and Future Applications of Thoracic Dual-Energy CT in Children: Pearls and Pitfalls of Technique and Interpretation. Seminars in Ultrasound, CT and MRI, 2020, 41, 433-441.	1.5	12

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37	Pearls and Pitfalls in Pediatric Fontan Operation Imaging. <i>Seminars in Ultrasound, CT and MRI</i> , 2020, 41, 442-450.	1.5	1
38	Quantitative CT analysis for bronchiolitis obliterans in perinatally HIV-infected adolescentsâ€”comparison with controls and lung function data. <i>European Radiology</i> , 2020, 30, 4358-4368.	4.5	9
39	Clinical pediatric positron emission tomography/magnetic resonance program: a guide to successful implementation. <i>Pediatric Radiology</i> , 2020, 50, 607-617.	2.0	0
40	Calyceal diverticula in children: laparoscopic marsupialization is the optimal intervention. <i>Journal of Pediatric Urology</i> , 2020, 16, 221.e1-221.e6.	1.1	5
41	Specific Absorption Rate and Specific Energy Dose: Comparison of 1.5-T versus 3.0-T Fetal MRI. <i>Radiology</i> , 2020, 295, 664-674.	7.3	25
42	Physical and Physiological Properties of Iron. <i>Advances in Magnetic Resonance Technology and Applications</i> , 2020, 1, 681-693.	0.1	0
43	Image quality and radiation dose of ECG-triggered High-Pitch Dual-Source cardiac computed tomography angiography in children for the evaluation of central vascular stents. <i>International Journal of Cardiovascular Imaging</i> , 2019, 35, 367-374.	1.5	6
44	Imaging of central lymphatic abnormalities in Noonan syndrome. <i>Pediatric Radiology</i> , 2019, 49, 586-592.	2.0	32
45	Contrast Extravasation using Power Injectors for Contrast-Enhanced Computed Tomography in Children: Frequency and Injury Severity. <i>Academic Radiology</i> , 2019, 26, 1668-1674.	2.5	8
46	R2 relaxometry based MR imaging for estimation of liver iron content: A comparison between two methods. <i>Abdominal Radiology</i> , 2019, 44, 3058-3068.	2.1	10
47	Imaging Intussusception in Childrenâ€™s Hospitals in the United States: Trends, Outcomes, and Costs. <i>Journal of the American College of Radiology</i> , 2019, 16, 1636-1644.	1.8	10
48	Morphologic and functional evaluation of duplicated renal collecting systems with MR urography: A descriptive analysis. <i>Clinical Imaging</i> , 2019, 57, 69-76.	1.5	2
49	Intrahepatic dynamic contrast MR lymphangiography: initial experience with a new technique for the assessment of liver lymphatics. <i>European Radiology</i> , 2019, 29, 5190-5196.	4.5	51
50	Upper airway visualization in pediatric obstructive sleep apnea. <i>Paediatric Respiratory Reviews</i> , 2019, 32, 48-54.	1.8	9
51	Biexponential R2* relaxometry for estimation of liver iron concentration in children: A better fit for high liver iron states. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 1191-1198.	3.4	5
52	Diffusion tensor imaging of the kidney in healthy controls and in children and young adults with autosomal recessive polycystic kidney disease. <i>Abdominal Radiology</i> , 2019, 44, 1867-1872.	2.1	13
53	Protocol optimization for cardiac and liver iron content assessment using MRI: What sequence should I use?. <i>Clinical Imaging</i> , 2019, 56, 52-57.	1.5	10
54	Cost-Effectiveness Analysis: An Overview of Key Concepts, Recommendations, Controversies, and Pitfalls. <i>Academic Radiology</i> , 2019, 26, 534-541.	2.5	10

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55	The Cost-Estimation Department: A Step Toward Cost Transparency in Radiology. Journal of the American College of Radiology, 2019, 16, 194-195.	1.8	2
56	Scimitar-like ossification of patellae led to diagnosis of Zellweger syndrome in newborn: a case report. Clinical Imaging, 2018, 49, 128-130.	1.5	6
57	Mimics of malrotation on pediatric upper gastrointestinal series: a pictorial review. Abdominal Radiology, 2018, 43, 2246-2254.	2.1	7
58	Secondary imaging for suspected appendicitis after equivocal ultrasound: time to disposition of MRI compared to CT. Emergency Radiology, 2018, 25, 161-168.	1.8	16
59	MRI determination of volumes for the upper airway and pharyngeal lymphoid tissue in preterm and term infants. Clinical Imaging, 2018, 50, 51-56.	1.5	10
60	Lead Apron Inspection Using Infrared Light: A Model Validation Study. Journal of the American College of Radiology, 2018, 15, 313-318.	1.8	4
61	Feasibility and Quality Determinants of 3D Sonography in Children With Hydronephrosis. Journal of Diagnostic Medical Sonography, 2018, 34, 31-36.	0.3	1
62	Imaging findings of Copa syndrome in a 12-year-old boy. Pediatric Radiology, 2018, 48, 279-282.	2.0	32
63	Case based simulation in MRI for suspected appendicitis in children. Clinical Imaging, 2018, 48, 12-16.	1.5	3
64	Muscle MRI in patients with dysferlinopathy: pattern recognition and implications for clinical trials. Journal of Neurology, Neurosurgery and Psychiatry, 2018, 89, 1071-1081.	1.9	81
65	Depiction of the native coronary arteries during ECG-triggered High-Pitch Dual-Source Coronary Computed Tomography Angiography in children: Determinants of image quality. Clinical Imaging, 2018, 52, 240-245.	1.5	5
66	Another Time, Another Space. Academic Radiology, 2017, 24, 273-285.	2.5	35
67	A 17-Year-Old With Chest Pain. Pediatrics, 2017, 139, e20160794.	2.1	0
68	Imaging Utilization for the Diagnosis of Appendicitis in Stand-Alone Children's Hospitals in the United States: Trends and Costs. Journal of the American College of Radiology, 2017, 14, 603-608.	1.8	22
69	An Update on Common Orthopedic Injuries and Fractures in Children: Is Cast Immobilization Always Necessary?. Clinical Pediatric Emergency Medicine, 2017, 18, 62-73.	0.4	1
70	Sonographic Evaluation of Fractures in Children. Journal of Diagnostic Medical Sonography, 2017, 33, 200-207.	0.3	11
71	Contrast reaction training in US radiology residencies: a COARDRI study. Clinical Imaging, 2017, 43, 140-143.	1.5	4
72	The fate of radiology report recommendations at a pediatric medical center. Pediatric Radiology, 2017, 47, 1724-1729.	2.0	19

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73	Re: "Imaging Utilization for the Diagnosis of Appendicitis in Stand-Alone Children's Hospital in the United States: Trends and Costs", Journal of the American College of Radiology, 2017, 14, 1133-1134.	1.8	0
74	Non-sclerotic bone involvement in Erdheim-Chester: PET/CT and MRI findings in a 15-year-old boy. Pediatric Radiology, 2016, 46, 1345-1349.	2.0	11
75	Pediatric Radiology Education in a Metropolitan Radiology Residency in West Africa: The Accra Experience. Journal of the American College of Radiology, 2016, 13, 985-987.	1.8	1
76	Use of Magnetic Resonance Imaging With Hepatobiliary-Specific Contrast Agent for Precise Localization of a Bile Duct Leak. Journal of Pediatric Gastroenterology and Nutrition, 2016, 63, e36.	1.8	2
77	Radiographic assessment of congenital malformations of the upper extremity. Pediatric Radiology, 2016, 46, 1454-1470.	2.0	6
78	Research Challenges and Opportunities for Clinically Oriented Academic Radiology Departments. Academic Radiology, 2016, 23, 43-52.	2.5	12
79	Semi-automatic assessment of pediatric hydronephrosis severity in 3D ultrasound. Proceedings of SPIE, 2016, , .	0.8	2
80	Ovary and Testicle and Everything in Between: Lesions and Imaging in the Newborn. Seminars in Ultrasound, CT and MRI, 2015, 36, 178-192.	1.5	4
81	Rosai-Dorfman Disease Mimics Lymphoma on FDG PET/CT in a Pediatric Patient. Clinical Nuclear Medicine, 2014, 39, 206-208.	1.3	15
82	Neurogenic Pulmonary Edema. Pediatric Emergency Care, 2014, 30, 845-846.	0.9	5
83	Accuracy, Risk and the Intrinsic Value of Diagnostic Imaging. Academic Radiology, 2012, 19, 599-606.	2.5	9
84	Medicare's National Coverage Determinations in Diagnostic Radiology. Academic Radiology, 2012, 19, 1060-1065.	2.5	5
85	Primary and Metastatic Vascular Neoplasms: Imaging Findings. American Journal of Roentgenology, 2012, 198, 700-704.	2.2	6
86	Cost-Utility Analyses of Diagnostic Laboratory Tests: A Systematic Review. Value in Health, 2011, 14, 1010-1018.	0.3	39
87	Cost-effective diagnostic cardiovascular imaging: when does it provide good value for the money?. International Journal of Cardiovascular Imaging, 2010, 26, 605-612.	1.5	28
88	Iodinated Contrast Opacification Gradients in Normal Coronary Arteries Imaged With Prospectively ECG-Gated Single Heart Beat 320-Detector Row Computed Tomography. Circulation: Cardiovascular Imaging, 2010, 3, 179-186.	2.6	138
89	Imaging Presentation of Venous Thrombosis in Patients With Cancer. American Journal of Roentgenology, 2010, 194, 1099-1108.	2.2	25
90	CT and PET/CT Findings of T-Cell Lymphoma. American Journal of Roentgenology, 2009, 193, 349-358.	2.2	35

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91	Evaluation of Low-Density Neutral Oral Contrast Material in PET/CT for Tumor Imaging: Results of a Randomized Clinical Trial. American Journal of Roentgenology, 2009, 193, 326-332.	2.2	11
92	Narrowing the phase window width in prospectively ECG-gated single heart beat 320-detector row coronary CT angiography. International Journal of Cardiovascular Imaging, 2009, 25, 85-90.	1.5	153
93	The "Post-64" Era of Coronary CT Angiography: Understanding New Technology from Physical Principles. Radiologic Clinics of North America, 2009, 47, 79-90.	1.8	84
94	Venous Thrombosis in an Outpatient Oncologic Center. Ultrasound Quarterly, 2009, 25, 145-150.	0.8	2
95	Initial evaluation of coronary images from 320-detector row computed tomography. International Journal of Cardiovascular Imaging, 2008, 24, 535-546.	1.5	515
96	Intestinal obstruction: trends in imaging utilization and their influence in its rising hospital bill. Emergency Radiology, 2008, 15, 317-323.	1.8	2
97	System-Based Practice: Proposal for a Comprehensive Curriculum. Academic Radiology, 2008, 15, 119-126.	2.5	10
98	Interdepartmental Conflict Management and Negotiation in Cardiovascular Imaging. Journal of the American College of Radiology, 2008, 5, 834-841.	1.8	6
99	Twenty Years of Cost-effectiveness Analysis in Medical Imaging: Are We Improving?. Radiology, 2008, 249, 917-925.	7.3	39
100	Molecular Imaging Programs in the United States. Academic Radiology, 2007, 14, 125-136.	2.5	2
101	Reimbursement for chest-pain CT: estimates based on current imaging strategies. Emergency Radiology, 2007, 13, 237-242.	1.8	8
102	Imaging utilization in the management of appendicitis and its impact on hospital charges. Emergency Radiology, 2007, 15, 23-28.	1.8	23
103	Financing Radiology Graduate Medical Education: Today's Challenges. Journal of the American College of Radiology, 2006, 3, 207-212.	1.8	5
104	Utilization Management in Radiology: Basic Concepts and Applications. Journal of the American College of Radiology, 2006, 3, 351-357.	1.8	26
105	Evidence-Based Radiology. Journal of the American College of Radiology, 2006, 3, 513-519.	1.8	10
106	Key Criteria for Selection of Radiology Residents. Academic Radiology, 2006, 13, 1155-1164.	2.5	29
107	Vaccination coverage survey versus administrative data in the assessment of mass yellow fever immunization in internally displaced persons—Liberia, 2004. Vaccine, 2006, 24, 730-737.	3.8	33