

Ramesh S Iyer

List of Publications by Year in descending order

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123
papers

2,116
citations

257101

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docs citations

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times ranked

2766
citing authors

#	ARTICLE	IF	CITATIONS
1	Differential Constitutive and Cytokine-Modulated Expression of Human Toll-like Receptors in Primary Neutrophils, Monocytes, and Macrophages. International Journal of Medical Sciences, 2008, 5, 1-8.	1.1	126
2	Pediatric CT: Strategies to Lower Radiation Dose. American Journal of Roentgenology, 2013, 200, 950-956.	1.0	104
3	Pediatric Bone Imaging: Imaging Elbow Trauma in Children???A Review of Acute and Chronic Injuries. American Journal of Roentgenology, 2012, 198, 1053-1068.	1.0	95
4	Pediatric Bone Imaging: Diagnostic Imaging of Osteoid Osteoma. American Journal of Roentgenology, 2012, 198, 1039-1052.	1.0	94
5	Comparison of 3 Tesla proton MR spectroscopy, MR perfusion and MR diffusion for distinguishing glioma recurrence from posttreatment effects. Journal of Magnetic Resonance Imaging, 2012, 35, 56-63.	1.9	74
6	Craniosynostosis: imaging review and primer on computed tomography. Pediatric Radiology, 2013, 43, 728-742.	1.1	69
7	Filarial Antigens Impair the Function of Human Dendritic Cells during Differentiation. Infection and Immunity, 2001, 69, 5813-5822.	1.0	58
8	ACR Statement on Safe Resumption of Routine Radiology Care During the Coronavirus Disease 2019 (COVID-19) Pandemic. Journal of the American College of Radiology, 2020, 17, 839-844.	0.9	58
9	Usual and unusual causes of pediatric gastric outlet obstruction. Pediatric Radiology, 2012, 42, 728-737.	1.1	56
10	ACR Appropriateness Criteria Head Trauma Child. Journal of the American College of Radiology, 2014, 11, 939-947.	0.9	49
11	Allergic reactions to iodinated contrast media: premedication considerations for patients at risk. Emergency Radiology, 2013, 20, 299-306.	1.0	48
12	Diagnostic Imaging of Fetal and Pediatric Orbital Abnormalities. American Journal of Roentgenology, 2013, 201, W797-W808.	1.0	47
13	ACR Appropriateness Criteria Suspected Appendicitis-Child. Journal of the American College of Radiology, 2019, 16, S252-S263.	0.9	46
14	Gadolinium-based contrast agents review of recent literature on magnetic resonance imaging signal intensity changes and tissue deposits, with emphasis on pediatric patients. Pediatric Radiology, 2019, 49, 448-457.	1.1	44
15	Imaging of Pediatric Pancreatic Neoplasms With Radiologic-Histopathologic Correlation. American Journal of Roentgenology, 2014, 202, 1337-1348.	1.0	40
16	Pictorial essay: The many faces of craniosynostosis. Indian Journal of Radiology and Imaging, 2011, 21, 49-56.	0.3	38
17	Machine learning concepts, concerns and opportunities for a pediatric radiologist. Pediatric Radiology, 2019, 49, 509-516.	1.1	38
18	Development of a Scoring Tool for Chronic Nonbacterial Osteomyelitis Magnetic Resonance Imaging and Evaluation of its Interrater Reliability. Journal of Rheumatology, 2020, 47, 739-747.	1.0	37

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19	Imaging of pediatric floor of mouth lesions. <i>Pediatric Radiology</i> , 2013, 43, 523-535.	1.1	35
20	Survey of gadolinium-based contrast agent utilization among the members of the Society for Pediatric Radiology: a Quality and Safety Committee report. <i>Pediatric Radiology</i> , 2017, 47, 665-673.	1.1	32
21	Optimizing Peer Review: A Year of Experience After Instituting a Real-Time Comment-Enhanced Program at a Children's Hospital. <i>American Journal of Roentgenology</i> , 2012, 198, 1121-1125.	1.0	28
22	Imaging pediatric magnet ingestion with surgical-pathological correlation. <i>Pediatric Radiology</i> , 2013, 43, 851-859.	1.1	28
23	ACR Appropriateness Criteria® Headache—Child. <i>Journal of the American College of Radiology</i> , 2018, 15, S78-S90.	0.9	28
24	Brachial Plexus Birth Palsy: Multimodality Imaging of Spine and Shoulder Abnormalities in Children. <i>American Journal of Roentgenology</i> , 2015, 204, W199-W206.	1.0	27
25	ACR Appropriateness Criteria® Developmental Dysplasia of the Hip-Child. <i>Journal of the American College of Radiology</i> , 2019, 16, S94-S103.	0.9	27
26	Safety Essentials: Acute Reactions to Iodinated Contrast Media. <i>Canadian Association of Radiologists Journal</i> , 2013, 64, 193-199.	1.1	25
27	Flares of Disease in Children with Clinically Inactive Juvenile Idiopathic Arthritis Were Not Correlated with Ultrasound Findings. <i>Journal of Rheumatology</i> , 2018, 45, 851-857.	1.0	23
28	ACR Appropriateness Criteria® Chronic Knee Pain. <i>Journal of the American College of Radiology</i> , 2018, 15, S302-S312.	0.9	23
29	Medication neurotoxicity in children. <i>Pediatric Radiology</i> , 2011, 41, 1455-1464.	1.1	22
30	The incidental pulmonary nodule in a child. <i>Pediatric Radiology</i> , 2015, 45, 628-633.	1.1	19
31	Glenohumeral Dysplasia Following Neonatal Brachial Plexus Palsy: Presentation and Predictive Features During Infancy. <i>Journal of Hand Surgery</i> , 2015, 40, 2345-2351.e1.	0.7	19
32	ACR Appropriateness Criteria Vomiting in Infants up to 3 Months of Age. <i>Journal of the American College of Radiology</i> , 2015, 12, 915-922.	0.9	19
33	Surveillance magnetic resonance imaging for isolated optic pathway gliomas: is gadolinium necessary?. <i>Pediatric Radiology</i> , 2018, 48, 1472-1484.	1.1	19
34	Benefit of CT venography for the diagnosis of thromboembolic disease. <i>Clinical Imaging</i> , 2007, 31, 253-258.	0.8	18
35	ACR Appropriateness Criteria® Back Pain—Child. <i>Journal of the American College of Radiology</i> , 2017, 14, S13-S24.	0.9	18
36	MR imaging of the paediatric foot and ankle. <i>Pediatric Radiology</i> , 2013, 43, 107-119.	1.1	17

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37	MRI of Pediatric Patients: Part 1, Normal and Abnormal Cartilage. American Journal of Roentgenology, 2012, 198, W450-W455.	1.0	16
38	Peer Review Comments Augment Diagnostic Error Characterization and Departmental Quality Assurance: 1-Year Experience From a Children's Hospital. American Journal of Roentgenology, 2013, 200, 132-137.	1.0	16
39	Multimodality Thoracic Imaging of Juvenile Systemic Sclerosis: Emphasis on Clinical Correlation and High-Resolution CT of Pulmonary Fibrosis. American Journal of Roentgenology, 2015, 204, 408-422.	1.0	15
40	ACR Appropriateness Criteria® Acutely Limping Child Up To Age 5. Journal of the American College of Radiology, 2018, 15, S252-S262.	0.9	15
41	Point-of-care ultrasound for peripherally inserted central catheter monitoring: a pilot study. Journal of Perinatal Medicine, 2019, 47, 991-996.	0.6	15
42	The Many Faces of Pediatric Chronic Recurrent Multifocal Osteomyelitis (CRMO) : A Practical Location- and Case-Based Approach to Differentiate CRMO From Its Mimics. Journal of Magnetic Resonance Imaging, 2020, 54, 391-400.	1.9	15
43	Imaging of Pediatric Desmoplastic Small-Cell Tumor with Pathologic Correlation. Current Problems in Diagnostic Radiology, 2013, 42, 26-32.	0.6	14
44	The incidental pulmonary nodule in a child. Pediatric Radiology, 2015, 45, 634-639.	1.1	14
45	Practical considerations for establishing and maintaining a magnetic resonance imaging safety program in a pediatric practice. Pediatric Radiology, 2019, 49, 458-468.	1.1	14
46	Intracranial findings of Hunter syndrome. Pediatric Radiology, 2010, 40, 173-173.	1.1	13
47	Pediatric Spinal Neoplasia: A Practical Imaging Overview of Intramedullary, Intradural, and Osseous Tumors. Current Problems in Diagnostic Radiology, 2013, 42, 249-265.	0.6	13
48	The central nervous system manifestations of localized craniofacial scleroderma: a study of 10 cases and literature review. Pediatric Radiology, 2018, 48, 1642-1654.	1.1	13
49	Pediatric jugular vein aneurysm (phlebectasia): report of two cases and review of the literature. Radiology Case Reports, 2017, 12, 391-395.	0.2	12
50	Pediatric Abdominal Radiographs: Common and Less Common Errors. American Journal of Roentgenology, 2017, 209, 417-429.	1.0	12
51	Practical administration of intravenous contrast media in children: screening, prophylaxis, administration and treatment of adverse reactions. Pediatric Radiology, 2019, 49, 433-447.	1.1	12
52	A Pilot Study of Infrared Thermal Imaging to Detect Active Bone Lesions in Children With Chronic Nonbacterial Osteomyelitis. Arthritis Care and Research, 2019, 71, 1430-1435.	1.5	12
53	The Nature and Scope of Moonlighting by Radiology Trainees. Academic Radiology, 2013, 20, 249-254.	1.3	11
54	Increasing Cases of Chronic Nonbacterial Osteomyelitis in Children: A Series of 215 Cases From a Single Tertiary Referral Center. Journal of Rheumatology, 2022, 49, 929-934.	1.0	11

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55	Radiologic-Pathologic Correlation of Uncommon Mesenchymal Liver Tumors. Current Problems in Diagnostic Radiology, 2013, 42, 183-190.	0.6	10
56	Clinical decision support: the role of ACR Appropriateness Criteria. Pediatric Radiology, 2019, 49, 479-485.	1.1	10
57	Gadolinium retention: should pediatric radiologists be concerned, and how to frame conversations with families. Pediatric Radiology, 2022, 52, 345-353.	1.1	10
58	The Pediatric Patella: Normal Development, Anatomical Variants and Malformations, Stability, Imaging, and Injury Patterns. Seminars in Musculoskeletal Radiology, 2018, 22, 081-094.	0.4	9
59	ACR Appropriateness Criteria® Scoliosis-Child. Journal of the American College of Radiology, 2019, 16, S244-S251.	0.9	9
60	An Algorithmic Approach to Complex Fetal Abdominal Wall Defects. American Journal of Roentgenology, 2020, 214, 218-231.	1.0	9
61	The current and future roles of artificial intelligence in pediatric radiology. Pediatric Radiology, 2022, 52, 2065-2073.	1.1	9
62	Trends in Pediatric Appendicitis and Imaging Strategies During Covid-19 in the United States. Academic Radiology, 2021, 28, 1500-1506.	1.3	9
63	Image Fusion as a New Postprocessing Method to Evaluate the Radiofrequency Ablation Zone After Treatment of Malignant Liver Tumors. Journal of Computer Assisted Tomography, 2010, 34, 226-228.	0.5	8
64	Pediatric Chest Radiographs: Common and Less Common Errors. American Journal of Roentgenology, 2016, 207, 903-911.	1.0	8
65	If Disney ran your pediatric radiology department: a different approach to improving the patient and family experience. Pediatric Radiology, 2019, 49, 493-499.	1.1	8
66	ACR Appropriateness Criteria® Pneumonia in the Immunocompetent Child. Journal of the American College of Radiology, 2020, 17, S215-S225.	0.9	8
67	Why Do Academic Radiologists Choose Mentors?. Academic Radiology, 2013, 20, 921-922.	1.3	7
68	Shrinking lung syndrome complicating pediatric systemic lupus erythematosus. Pediatric Radiology, 2014, 44, 1318-1322.	1.1	7
69	Academic Portfolio in the Digital Era: Organizing and Maintaining a Portfolio Using Reference Managers. Journal of Digital Imaging, 2015, 28, 10-17.	1.6	7
70	Part-Time Pediatric Radiology: The Realities and Perceptions of Part-Time Employment in the Academic Setting. American Journal of Roentgenology, 2018, 211, 971-977.	1.0	7
71	Practical considerations when implementing peer learning conferences. Pediatric Radiology, 2019, 49, 526-530.	1.1	7
72	Relationship Between Esophageal Abnormalities on Fluoroscopic Esophagram and Pulmonary Function Testing in Juvenile Systemic Sclerosis. Arthritis Care and Research, 2019, 71, 1444-1449.	1.5	7

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73	Applications of Pediatric Body CT Angiography: What Radiologists Need to Know. American Journal of Roentgenology, 2020, 214, 1019-1030.	1.0	7
74	Ultrasound Evaluation of Pediatric Slow-Flow Vascular Malformations: Practical Diagnostic Reporting to Guide Interventional Management. American Journal of Roentgenology, 2021, 216, 494-506.	1.0	7
75	Immune-reconstitution Syndrome Related to Atypical Mycobacterial Infection in AIDS. Journal of Thoracic Imaging, 2008, 23, 182-187.	0.8	6
76	Ulnar artery aneurysm causing palmar mass in 5-month-old girl. Pediatric Radiology, 2012, 42, 1401-1404.	1.1	6
77	Internal versus External Moonlighting by Radiology Trainees. Academic Radiology, 2014, 21, 546-553.	1.3	6
78	“Children are not small adults”: avoiding common pitfalls of normal developmental variants in pediatric imaging. Clinical Imaging, 2016, 40, 1182-1190.	0.8	6
79	Limited Ultrasound Protocol for Upper Extremity Peripherally Inserted Central Catheter Monitoring: A Pilot Study in the Neonatal Intensive Care Unit. Journal of Ultrasound in Medicine, 2019, 38, 1341-1347.	0.8	6
80	ACR Appropriateness Criteria® Antenatal Hydronephrosis—Infant. Journal of the American College of Radiology, 2020, 17, S367-S379.	0.9	6
81	ACR Appropriateness Criteria® Vomiting in Infants. Journal of the American College of Radiology, 2020, 17, S505-S515.	0.9	6
82	Artificial intelligence development in pediatric body magnetic resonance imaging: best ideas to adapt from adults. Pediatric Radiology, 2021, , 1.	1.1	6
83	Currarino syndrome. Pediatric Radiology, 2010, 40, 102-102.	1.1	5
84	Check, Mate: Integrating Checklists Within Diagnostic Radiology Departments. Journal of the American College of Radiology, 2013, 10, 488-490.	0.9	5
85	Torsion of a giant mesocolic lipoma in a child with Bannayan-Riley-Ruvalcaba syndrome. Pediatric Radiology, 2015, 45, 449-452.	1.1	5
86	Peer Review: Lessons Learned in A Pediatric Radiology Department. Current Problems in Diagnostic Radiology, 2016, 45, 139-148.	0.6	5
87	Optimization of Pediatric Body CT Angiography: What Radiologists Need to Know. American Journal of Roentgenology, 2020, 215, 726-735.	1.0	5
88	Contemporary imaging of the pediatric shoulder: pearls and pitfalls. Pediatric Radiology, 2021, 51, 338-352.	1.1	5
89	Uniquely pediatric upper extremity injuries. Clinical Imaging, 2021, 80, 249-261.	0.8	5
90	Radiology Peer-Review Feedback Scorecards: Optimizing Transparency, Accessibility, and Education in a Children’s Hospital. Current Problems in Diagnostic Radiology, 2014, 43, 169-174.	0.6	4

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91	Implementing and Refining a Faculty-Resident Mentorship Program. Journal of the American College of Radiology, 2014, 11, 85-87.	0.9	4
92	Unusual ultrasound appearance of small bowel intussusception and secondary bowel obstruction in a child with Peutz-Jeghers syndrome. Clinical Imaging, 2017, 43, 136-139.	0.8	4
93	Focal Benign Disorders of the Pediatric Mandible With Radiologic-Histopathologic Correlation: Mandibular Development and Lucent Lesions. American Journal of Roentgenology, 2017, 208, 180-192.	1.0	4
94	ACR Appropriateness Criteria® Hematuria-Child. Journal of the American College of Radiology, 2018, 15, S91-S103.	0.9	4
95	Clinical decision support: practical implementation at two pediatric hospitals. Pediatric Radiology, 2019, 49, 486-492.	1.1	4
96	Pediatric rib pathologies: clinicoimaging scenarios and approach to diagnosis. Pediatric Radiology, 2021, 51, 1783-1797.	1.1	4
97	Time-Driven Cost Analysis of Noncuffed Venous Catheter Placement in Infants: Bedside versus IR Suite. Journal of Vascular and Interventional Radiology, 2021, 32, 1479-1487.	0.2	4
98	Non-inferiority of a non-gadolinium-enhanced magnetic resonance imaging follow-up protocol for isolated optic pathway gliomas. Pediatric Radiology, 2022, 52, 539-548.	1.1	4
99	ACR Appropriateness Criteria® Osteomyelitis or Septic Arthritis-Child (Excluding Axial Skeleton). Journal of the American College of Radiology, 2022, 19, S121-S136.	0.9	4
100	Multimodality Imaging of Poland Syndrome With Dextrocardia and Limb Anomalies. Clinical Nuclear Medicine, 2012, 37, 815-816.	0.7	3
101	Pictorial Essay of Pediatric Upper Extremity Trauma: Normal Variants and Unique Injuries. Canadian Association of Radiologists Journal, 2013, 64, 101-107.	1.1	3
102	Cervicothoracic cystic dysraphism. Pediatric Radiology, 2016, 46, 1471-1481.	1.1	3
103	Mind the gap: an unusual case of a cervical lipomyelocele. Radiology Case Reports, 2016, 11, 266-270.	0.2	3
104	A primer for pediatric radiologists on infection control in an era of COVID-19. Pediatric Radiology, 2020, 50, 1191-1204.	1.1	3
105	You Can't Expect When You're Expecting: The Variable State of Parental Leave in Radiology Residency Programs. Academic Radiology, 2021, 28, 585-588.	1.3	3
106	Pediatric biliary disorders: Multimodality imaging evaluation with clinicopathologic correlation. Clinical Imaging, 2021, 75, 34-45.	0.8	3
107	Is Thyroid Monitoring Warranted in Infants and Young Children After Intravascular Administration of Iodine-Based Contrast Media?. American Journal of Roentgenology, 2023, 220, 144-145.	1.0	3
108	Pediatric Osteochondral Lesions. Seminars in Musculoskeletal Radiology, 2018, 22, 057-065.	0.4	2

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109	Survey of peer review programs among pediatric radiologists: report from the SPR Quality and Safety Committee. <i>Pediatric Radiology</i> , 2019, 49, 517-525.	1.1	2
110	Use of Eovist in Pediatric Patients: Pearls and Pitfalls. <i>Current Problems in Diagnostic Radiology</i> , 2020, 49, 266-274.	0.6	2
111	Focal nodular hyperplasia masquerading as malignancy in an infant with elevated alpha-fetoprotein: A case report with literature review. <i>Clinical Imaging</i> , 2021, 69, 228-232.	0.8	2
112	A Novel Algorithm Using Within-leg Calibration for Enhanced Accuracy of Detection of Arthritis by Infrared Thermal Imaging in Children. <i>Journal of Rheumatology</i> , 2022, 49, 81-88.	1.0	2
113	Establishing a Fellowship Education Committee. <i>Journal of the American College of Radiology</i> , 2013, 10, 718-720.	0.9	1
114	Imaging of Acute Appendicitis in Children. <i>Journal of Pediatric Infectious Diseases</i> , 2017, 12, 048-060.	0.1	1
115	Musculoskeletal Imaging in Children: Prologue. <i>Seminars in Musculoskeletal Radiology</i> , 2018, 22, 001-002.	0.4	1
116	Dr. Zhao, <i>et al,</i> reply. <i>Journal of Rheumatology</i> , 2019, 46, 113.2-114.	1.0	1
117	Boggy pseudomass sonographic sign for testicular torsion. <i>Abdominal Radiology</i> , 2021, 46, 1286-1287.	1.0	1
118	Gadolinium retention and clearance after administration of macrocyclic MR contrast agents to rats: reply to Bussi et al.. <i>Pediatric Radiology</i> , 2019, 49, 1112-1112.	1.1	0
119	Clarifying radiology's role in safety events: a 5-year retrospective common cause analysis of safety events at a pediatric hospital. <i>Pediatric Radiology</i> , 2020, 50, 1409-1420.	1.1	0
120	Pearls and Pitfalls of Thoracic Manifestations of Abuse in Children. <i>Seminars in Ultrasound, CT and MRI</i> , 2021, 43, 51-60.	0.7	0
121	Employing caution when applying the American College of Radiology Thyroid Imaging Reporting and Data System for pediatric thyroid nodule management. <i>Pediatric Radiology</i> , 2021, 51, 1290-1293.	1.1	0
122	Palpable pediatric chest wall masses. <i>Pediatric Radiology</i> , 2022, , 1.	1.1	0
123	ACR Appropriateness Criteria® Crohn Disease-Child. <i>Journal of the American College of Radiology</i> , 2022, 19, S19-S36.	0.9	0