

# David M Biko

## List of Publications by Year in descending order

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Version: 2024-02-01

81  
papers

1,467  
citations

331670

21  
h-index

395702

33  
g-index

82  
all docs

82  
docs citations

82  
times ranked

1404  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic contrast-enhanced magnetic resonance lymphangiography. <i>Pediatric Radiology</i> , 2022, 52, 285-294.	2.0	21
2	Liver lymphatic anatomy and role in systemic lymphatic disease. <i>European Radiology</i> , 2022, 32, 112-121.	4.5	12
3	Accuracy of Cardiac Magnetic Resonance Imaging in Diagnosing Pediatric Cardiac Masses. <i>JACC: Cardiovascular Imaging</i> , 2022, 15, 1391-1405.	5.3	9
4	Dynamic Contrast Magnetic Resonance Lymphangiography Localizes Lymphatic Leak to the Duodenum in Protein-Losing Enteropathy. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2022, 74, 38-45.	1.8	3
5	Computed tomography of the airways and lungs in congenital heart disease. <i>Pediatric Radiology</i> , 2022, 52, 2529-2537.	2.0	3
6	Optimizing neonatal cardiac imaging (magnetic resonance/computed tomography). <i>Pediatric Radiology</i> , 2022, 52, 661-675.	2.0	10
7	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
8	Understanding Lymphatic Anatomy and Abnormalities at Imaging. <i>Radiographics</i> , 2022, 42, 487-505.	3.3	17
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	Genetics etiologies and genotype phenotype correlations in a cohort of individuals with central conducting lymphatic anomaly. <i>European Journal of Human Genetics</i> , 2022, 30, 1022-1028.	2.8	9
12	Lymphatic anomalies in congenital heart disease. <i>Pediatric Radiology</i> , 2022, 52, 1862-1876.	2.0	2
13	Magnetic resonance imaging features of intra-articular tenosynovial giant cell tumor in children. <i>Pediatric Radiology</i> , 2021, 51, 441-449.	2.0	2
14	Imaging of children with COVID-19: experience from a tertiary children's hospital in the United States. <i>Pediatric Radiology</i> , 2021, 51, 239-247.	2.0	31
15	Neonatal lymphatic flow disorders: impact of lymphatic imaging and interventions on outcomes. <i>Journal of Perinatology</i> , 2021, 41, 494-501.	2.0	20
16	Imposition of Fontan physiology: Effects on strain and global measures of ventricular function. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 162, 1813-1822.e3.	0.8	7
17	Emerging contrast-enhanced ultrasound applications in children. <i>Pediatric Radiology</i> , 2021, 51, 2418-2424.	2.0	7
18	Prognostic value of the nutmeg lung pattern/lymphangiectasia on fetal magnetic resonance imaging. <i>Pediatric Radiology</i> , 2021, 51, 1809-1817.	2.0	8

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19	Mediastinal Masses in Children: Radiologic-Pathologic Correlation. <i>Radiographics</i> , 2021, 41, 200180.	3.3	12
20	Normal age-related quantitative CT values in the pediatric lung: from the first breath to adulthood. <i>Clinical Imaging</i> , 2021, 75, 111-118.	1.5	3
21	Contrast-enhanced ultrasound in pediatric echocardiography. <i>Pediatric Radiology</i> , 2021, 51, 2408-2417.	2.0	5
22	Open-Source Tool Kit for Interactive Planning of Transcatheter Mitral Valve Replacement Using Multimodality Imaging. <i>Journal of the American Society of Echocardiography</i> , 2021, 34, 917-920.	2.8	2
23	Simulation of Delivery of Clip-Based Therapies Within Multimodality Images to Facilitate Preprocedural Planning. <i>Journal of the American Society of Echocardiography</i> , 2021, 34, 1111-1114.	2.8	3
24	Feasibility of T2 Mapping of the Sacroiliac Joints in Healthy Control Subjects and Children and Young Adults with Sacroiliitis. <i>ACR Open Rheumatology</i> , 2021, , .	2.1	3
25	Changes over time in inflammatory and structural lesions at the sacroiliac joint in children with spondyloarthritis exposed and unexposed to tumor necrosis factor inhibitor. <i>Pediatric Rheumatology</i> , 2021, 19, 167.	2.1	2
26	Image Quality of ECG-Triggered High-Pitch, Dual-Source Computed Tomography Angiography for Cardiovascular Assessment in Children. <i>Current Problems in Diagnostic Radiology</i> , 2020, 49, 23-28.	1.4	1
27	Diagnostic performance of CT angiography to detect pulmonary vein stenosis in children. <i>International Journal of Cardiovascular Imaging</i> , 2020, 36, 141-147.	1.5	17
28	Pediatric pulmonary lymphatic flow Disorders: Diagnosis and management. <i>Paediatric Respiratory Reviews</i> , 2020, 36, 2-7.	1.8	16
29	Pediatric Cardiac CT and MRI: Considerations for the General Radiologist. <i>American Journal of Roentgenology</i> , 2020, 215, 1464-1473.	2.2	14
30	Use of Contrast-Enhanced Ultrasound to Determine Thoracic Duct Patency. <i>Journal of Vascular and Interventional Radiology</i> , 2020, 31, 1670-1674.	0.5	20
31	Imaging of fetal lymphangiectasias: prenatal and postnatal imaging findings. <i>Pediatric Radiology</i> , 2020, 50, 1872-1880.	2.0	5
32	Contrast-Enhanced Ultrasound: Use in the Management of Lymphorrhoea in Generalized Lymphatic Anomaly. <i>Journal of Vascular and Interventional Radiology</i> , 2020, 31, 1511-1513.	0.5	4
33	Current and Future Applications of Thoracic Dual-Energy CT in Children: Pearls and Pitfalls of Technique and Interpretation. <i>Seminars in Ultrasound, CT and MRI</i> , 2020, 41, 433-441.	1.5	12
34	Pearls and Pitfalls in Pediatric Fontan Operation Imaging. <i>Seminars in Ultrasound, CT and MRI</i> , 2020, 41, 442-450.	1.5	1
35	Intramesenteric dynamic contrast pediatric MR lymphangiography: initial experience and comparison with intranodal and intrahepatic MR lymphangiography. <i>European Radiology</i> , 2020, 30, 5777-5784.	4.5	29
36	Clinical and radiological characteristics of e-cigarette or vaping product use associated lung injury. <i>Emergency Radiology</i> , 2020, 27, 495-501.	1.8	12

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37	Spondyloarthritis Research Consortium of Canada sacroiliac joint inflammation and structural scores: change score reliability and recalibration utility in children. <i>Arthritis Research and Therapy</i> , 2020, 22, 58.	3.5	15
38	Characterization of Disease Phenotype in Very Preterm Infants with Severe Bronchopulmonary Dysplasia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 1398-1406.	5.6	91
39	Prevalence and Cause of Early Fontan Complications: Does the Lymphatic Circulation Play a Role?. <i>Journal of the American Heart Association</i> , 2020, 9, e015318.	3.7	38
40	MRI Findings of Infectious Sacroiliitis in Children: Are There Age-Dependent Differences?. <i>American Journal of Roentgenology</i> , 2020, 214, 923-929.	2.2	2
41	Relationship of Aortic Stiffness to Exercise and Ventricular Volumes in Single Ventricles. <i>Annals of Thoracic Surgery</i> , 2019, 108, 574-580.	1.3	3
42	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
43	Imaging of central lymphatic abnormalities in Noonan syndrome. <i>Pediatric Radiology</i> , 2019, 49, 586-592.	2.0	32
44	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
45	MR Imaging Evaluation of Pediatric Lymphatics: Magnetic Resonance Imaging Clinics of North America, 2019, 27, 373-385.	1.1	14
46	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
47	MRI of the Sacroiliac Joint in Healthy Children. <i>American Journal of Roentgenology</i> , 2019, 212, 1303-1309.	2.2	25
48	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
49	MRI Evaluation of Lymphatic Abnormalities in the Neck and Thorax after Fontan Surgery: Relationship with Outcome. <i>Radiology</i> , 2019, 291, 774-780.	7.3	76
50	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
51	MR imaging features of cuboid fractures in children. <i>Pediatric Radiology</i> , 2018, 48, 680-685.	2.0	4
52	Recognition of Neonatal Lymphatic Flow Disorder. <i>Academic Radiology</i> , 2018, 25, 1446-1450.	2.5	30
53	What Is New in Prenatal Skeletal Dysplasias?. <i>American Journal of Roentgenology</i> , 2018, 210, 1022-1033.	2.2	18
54	Colonic strictures in children and young adults with Crohn's disease: Recognition on MR enterography. <i>Clinical Imaging</i> , 2018, 48, 122-126.	1.5	5

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55	Magnetic Resonance Myocardial Perfusion Imaging: Safety and Indications in Pediatrics and Young Adults. <i>Pediatric Cardiology</i> , 2018, 39, 275-282.	1.3	18
56	Primary Lung Tumors in Children: Radiologic-Pathologic Correlation From the Radiologic Pathology Archives. <i>Radiographics</i> , 2018, 38, 2151-2172.	3.3	48
57	Assessment of normal jejunum with diffusion-weighted imaging on MRE in children. <i>Pediatric Radiology</i> , 2018, 48, 1763-1770.	2.0	4
58	MRI of the bowel "beyond inflammatory bowel disease. <i>Pediatric Radiology</i> , 2018, 48, 1280-1290.	2.0	8
59	Radiographs in screening for sacroiliitis in children: what is the value?. <i>Arthritis Research and Therapy</i> , 2018, 20, 141.	3.5	19
60	Feasibility and reliability of the Spondyloarthritis Research Consortium of Canada sacroiliac joint inflammation score in children. <i>Arthritis Research and Therapy</i> , 2018, 20, 56.	3.5	25
61	Depiction of the native coronary arteries during ECG-triggered High-Pitch Dual-Source Coronary Computed Tomography Angiography in children: Determinants of image quality. <i>Clinical Imaging</i> , 2018, 52, 240-245.	1.5	5
62	Ultrasound features of purulent skin and soft tissue infection without abscess. <i>Emergency Radiology</i> , 2018, 25, 505-511.	1.8	11
63	Validation of the Position of Injection Needles with Contrast-Enhanced Ultrasound for Dynamic Contrast-Enhanced MR Lymphangiography. <i>Journal of Vascular and Interventional Radiology</i> , 2018, 29, 1028-1030.	0.5	28
64	Feasibility and Reliability of the Spondyloarthritis Research Consortium of Canada Sacroiliac Joint Structural Score in Children. <i>Journal of Rheumatology</i> , 2018, 45, 1411-1417.	2.0	22
65	Contrast-enhanced US Assessment of Focal Liver Lesions in Children. <i>Radiographics</i> , 2017, 37, 1632-1647.	3.3	43
66	Ultrasound assessment of the bowel: inflammatory bowel disease and conditions beyond. <i>Pediatric Radiology</i> , 2017, 47, 1082-1090.	2.0	12
67	Ultrasound and MRI predictors of surgical bowel resection in pediatric Crohn disease. <i>Pediatric Radiology</i> , 2017, 47, 55-64.	2.0	21
68	Assessment of Sacroiliitis at Diagnosis of Juvenile Spondyloarthritis by Radiography, Magnetic Resonance Imaging, and Clinical Examination. <i>Arthritis Care and Research</i> , 2016, 68, 187-194.	3.4	80
69	Magnetic resonance imaging of pancreaticobiliary diseases in children: from technique to practice. <i>Pediatric Radiology</i> , 2016, 46, 778-790.	2.0	7
70	Pediatric Considerations in Computed Tomographic Angiography. <i>Radiologic Clinics of North America</i> , 2016, 54, 163-176.	1.8	4
71	Detection of Inflammatory Sacroiliitis in Children With Magnetic Resonance Imaging: Is Gadolinium Contrast Enhancement Necessary?. <i>Arthritis and Rheumatology</i> , 2015, 67, 2250-2256.	5.6	43
72	Ultrasound features of pediatric Crohn disease: a guide for case interpretation. <i>Pediatric Radiology</i> , 2015, 45, 1557-1566.	2.0	19

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73	High-resolution coronary MR angiography for evaluation of patients with anomalous coronary arteries: visualization of the intramural segment. <i>Pediatric Radiology</i> , 2015, 45, 1146-1152.	2.0	8
74	Solid Tumors of the Peritoneum, Omentum, and Mesentery in Children: Radiologic-Pathologic Correlation:From the Radiologic Pathology Archives. <i>Radiographics</i> , 2015, 35, 521-546.	3.3	38
75	Influence of Prenatal Exercise on Fetal/Infant Health. <i>FASEB Journal</i> , 2015, 29, 1055.28.	0.5	0
76	Acute exertional medial compartment syndrome of the foot in a teenager. <i>Radiology Case Reports</i> , 2015, 10, 1092.	0.6	4
77	From the Radiologic Pathology Archives: Precocious Puberty: Radiologic-Pathologic Correlation. <i>Radiographics</i> , 2012, 32, 2071-2099.	3.3	37
78	Proximal focal femoral deficiency: evaluation by MR imaging. <i>Pediatric Radiology</i> , 2012, 42, 50-56.	2.0	31
79	Assessment of recurrent abdominal symptoms after Ladd procedure: clinical and radiographic correlation. <i>Journal of Pediatric Surgery</i> , 2011, 46, 1720-1725.	1.6	29
80	Childhood Burkitt Lymphoma: Abdominal and Pelvic Imaging Findings. <i>American Journal of Roentgenology</i> , 2009, 192, 1304-1315.	2.2	74
81	Subpleural lung cysts in Down syndrome: prevalence and association with coexisting diagnoses. <i>Pediatric Radiology</i> , 2008, 38, 280-284.	2.0	63