David M Biko

List of Publications by Year
in descending order

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	Characterization of Disease Phenotype in Very Preterm Infants with Severe Bronchopulmonary Dysplasia. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 1398-1406.	5.6	91
2	Assessment of Sacroiliitis at Diagnosis of Juvenile Spondyloarthritis by Radiography, Magnetic Resonance Imaging, and Clinical Examination. Arthritis Care and Research, 2016, 68, 187-194.	3.4	80
3	MRI Evaluation of Lymphatic Abnormalities in the Neck and Thorax after Fontan Surgery: Relationship with Outcome. Radiology, 2019, 291, 774-780.	7.3	76
4	Childhood Burkitt Lymphoma: Abdominal and Pelvic Imaging Findings. American Journal of Roentgenology, 2009, 192, 1304-1315.	2.2	74
5	Subpleural lung cysts in Down syndrome: prevalence and association with coexisting diagnoses. Pediatric Radiology, 2008, 38, 280-284.	2.0	63
6	Intrahepatic dynamic contrast MR lymphangiography: initial experience with a new technique for the assessment of liver lymphatics. European Radiology, 2019, 29, 5190-5196.	4.5	51
7	Primary Lung Tumors in Children: Radiologic-Pathologic CorrelationFrom the Radiologic Pathology Archives. Radiographics, 2018, 38, 2151-2172.	3.3	48
8	Detection of Inflammatory Sacroiliitis in Children With Magnetic Resonance Imaging: Is Gadolinium Contrast Enhancement Necessary?. Arthritis and Rheumatology, 2015, 67, 2250-2256.	5.6	43
9	Contrast-enhanced US Assessment of Focal Liver Lesions in Children. Radiographics, 2017, 37, 1632-1647.	3.3	43
10	Solid Tumors of the Peritoneum, Omentum, and Mesentery in Children: Radiologic-Pathologic Correlation:From the Radiologic Pathology Archives. Radiographics, 2015, 35, 521-546.	3.3	38
11	Prevalence and Cause of Early Fontan Complications: Does the Lymphatic Circulation Play a Role?. Journal of the American Heart Association, 2020, 9, e015318.	3.7	38
12	From the Radiologic Pathology Archives: Precocious Puberty: Radiologic-Pathologic Correlation. Radiographics, 2012, 32, 2071-2099.	3.3	37
13	Imaging of central lymphatic abnormalities in Noonan syndrome. Pediatric Radiology, 2019, 49, 586-592.	2.0	32
14	Proximal focal femoral deficiency: evaluation by MR imaging. Pediatric Radiology, 2012, 42, 50-56.	2.0	31
15	Imaging of children with COVID-19: experience from a tertiary childrenâ€™s hospital in the United States. Pediatric Radiology, 2021, 51, 239-247.	2.0	31
16	Recognition of Neonatal Lymphatic Flow Disorder. Academic Radiology, 2018, 25, 1446-1450.	2.5	30
17	Assessment of recurrent abdominal symptoms after Ladd procedure: clinical and radiographic correlation. Journal of Pediatric Surgery, 2011, 46, 1720-1725.	1.6	29
18	Intramesenteric dynamic contrast pediatric MR lymphangiography: initial experience and comparison with intranodal and intrahepatic MR lymphangiography. European Radiology, 2020, 30, 5777-5784.	4.5	29

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19	Validation of the Position of Injection Needles with Contrast-Enhanced Ultrasound for Dynamic Contract-Enhanced MR Lymphangiography. Journal of Vascular and Interventional Radiology, 2018, 29, 1028-1030.	0.5	28
20	Feasibility and reliability of the Spondyloarthritis Research Consortium of Canada sacroiliac joint inflammation score in children. Arthritis Research and Therapy, 2018, 20, 56.	3.5	25
21	MRI of the Sacroiliac Joint in Healthy Children. American Journal of Roentgenology, 2019, 212, 1303-1309.	2.2	25
22	Feasibility and Reliability of the Spondyloarthritis Research Consortium of Canada Sacroiliac Joint Structural Score in Children. Journal of Rheumatology, 2018, 45, 1411-1417.	2.0	22
23	Ultrasound and MRI predictors of surgical bowel resection in pediatric Crohn disease. Pediatric Radiology, 2017, 47, 55-64.	2.0	21
24	Dynamic contrast-enhanced magnetic resonance lymphangiography. Pediatric Radiology, 2022, 52, 285-294.	2.0	21
25	Use of Contrast-Enhanced Ultrasound to Determine Thoracic Duct Patency. Journal of Vascular and Interventional Radiology, 2020, 31, 1670-1674.	0.5	20
26	Neonatal lymphatic flow disorders: impact of lymphatic imaging and interventions on outcomes. Journal of Perinatology, 2021, 41, 494-501.	2.0	20
27	Ultrasound features of pediatric Crohn disease: a guide for case interpretation. Pediatric Radiology, 2015, 45, 1557-1566.	2.0	19
28	Radiographs in screening for sacroiliitis in children: what is the value?. Arthritis Research and Therapy, 2018, 20, 141.	3.5	19
29	What Is New in Prenatal Skeletal Dysplasias?. American Journal of Roentgenology, 2018, 210, 1022-1033.	2.2	18
30	Magnetic Resonance Myocardial Perfusion Imaging: Safety and Indications in Pediatrics and Young Adults. Pediatric Cardiology, 2018, 39, 275-282.	1.3	18
31	Diagnostic performance of CT angiography to detect pulmonary vein stenosis in children. International Journal of Cardiovascular Imaging, 2020, 36, 141-147.	1.5	17
32	Understanding Lymphatic Anatomy and Abnormalities at Imaging. Radiographics, 2022, 42, 487-505.	3.3	17
33	Pediatric pulmonary lymphatic flow Disorders: Diagnosis and management. Paediatric Respiratory Reviews, 2020, 36, 2-7.	1.8	16
34	Spondyloarthritis Research Consortium of Canada sacroiliac joint inflammation and structural scores: change score reliability and recalibration utility in children. Arthritis Research and Therapy, 2020, 22, 58.	3.5	15
35	MR Imaging Evaluation of Pediatric Lymphatics:. Magnetic Resonance Imaging Clinics of North America, 2019, 27, 373-385.	1.1	14
36	Pediatric Cardiac CT and MRI: Considerations for the General Radiologist. American Journal of Roentgenology, 2020, 215, 1464-1473.	2.2	14

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37	Ultrasound assessment of the bowel: inflammatory bowel disease and conditions beyond. Pediatric Radiology, 2017, 47, 1082-1090.	2.0	12
38	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
39	Clinical and radiological characteristics of e-cigarette or vaping product use associated lung injury. Emergency Radiology, 2020, 27, 495-501.	1.8	12
40	Liver lymphatic anatomy and role in systemic lymphatic disease. European Radiology, 2022, 32, 112-121.	4.5	12
41	Mediastinal Masses in Children: Radiologic-Pathologic Correlation. Radiographics, 2021, 41, 200180.	3.3	12
42	Ultrasound features of purulent skin and soft tissue infection without abscess. Emergency Radiology, 2018, 25, 505-511.	1.8	11
43	Protocol optimization for cardiac and liver iron content assessment using MRI: What sequence should I use?. Clinical Imaging, 2019, 56, 52-57.	1.5	10
44	Optimizing neonatal cardiac imaging (magnetic resonance/computed tomography). Pediatric Radiology, 2022, 52, 661-675.	2.0	10
45	Accuracy of Cardiac Magnetic ResonanceÂImaging in Diagnosing Pediatric Cardiac Masses. JACC: Cardiovascular Imaging, 2022, 15, 1391-1405.	5.3	9
46	Genetics etiologies and genotype phenotype correlations in a cohort of individuals with central conducting lymphatic anomaly. European Journal of Human Genetics, 2022, 30, 1022-1028.	2.8	9
47	High-resolution coronary MR angiography for evaluation of patients with anomalous coronary arteries: visualization of the intramural segment. Pediatric Radiology, 2015, 45, 1146-1152.	2.0	8
48	MRI of the bowel â€" beyond inflammatory bowel disease. Pediatric Radiology, 2018, 48, 1280-1290.	2.0	8
49	Contrast Extravasation using Power Injectors for Contrast-Enhanced Computed Tomography in Children: Frequency and Injury Severity. Academic Radiology, 2019, 26, 1668-1674.	2.5	8
50	Prognostic value of the nutmeg lung pattern/lymphangiectasia on fetal magnetic resonance imaging. Pediatric Radiology, 2021, 51, 1809-1817.	2.0	8
51	Magnetic resonance imaging of pancreaticobiliary diseases in children: from technique to practice. Pediatric Radiology, 2016, 46, 778-790.	2.0	7
52	Imposition of Fontan physiology: Effects on strain and global measures of ventricular function. Journal of Thoracic and Cardiovascular Surgery, 2021, 162, 1813-1822.e3.	0.8	7
53	Emerging contrast-enhanced ultrasound applications in children. Pediatric Radiology, 2021, 51, 2418-2424.	2.0	7
54	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. International Journal of Cardiovascular Imaging, 2019, 35, 367-374.	1.5	6

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55	Colonic strictures in children and young adults with Crohn's disease: Recognition on MR enterography. Clinical Imaging, 2018, 48, 122-126.	1.5	5
56	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
57	Biexponential R2* relaxometry for estimation of liver iron concentration in children: A better fit for high liver iron states. Journal of Magnetic Resonance Imaging, 2019, 50, 1191-1198.	3.4	5
58	Imaging of fetal lymphangiectasias: prenatal and postnatal imaging findings. Pediatric Radiology, 2020, 50, 1872-1880.	2.0	5
59	Contrast-enhanced ultrasound in pediatric echocardiography. Pediatric Radiology, 2021, 51, 2408-2417.	2.0	5
60	Pilot study for comparative assessment of dualâ€energy computed tomography and singleâ€photon emission computed tomography V/Q scanning for lung perfusion evaluation in infants. Pediatric Pulmonology, 2022, 57, 702-710.	2.0	5
61	Pediatric Considerations in Computed Tomographic Angiography. Radiologic Clinics of North America, 2016, 54, 163-176.	1.8	4
62	MR imaging features of cuboid fractures in children. Pediatric Radiology, 2018, 48, 680-685.	2.0	4
63	Assessment of normal jejunum with diffusion-weighted imaging on MRE in children. Pediatric Radiology, 2018, 48, 1763-1770.	2.0	4
64	Contrast-Enhanced Ultrasound: Use in the Management of Lymphorrhea in Generalized Lymphatic Anomaly. Journal of Vascular and Interventional Radiology, 2020, 31, 1511-1513.	0.5	4
65	Acute exertional medial compartment syndrome of the foot in a teenager. Radiology Case Reports, 2015, 10, 1092.	0.6	4
66	Relationship of Aortic Stiffness to Exercise and Ventricular Volumes in Single Ventricles. Annals of Thoracic Surgery, 2019, 108, 574-580.	1.3	3
67	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
68	Dynamic Contrast Magnetic Resonance Lymphangiography Localizes Lymphatic Leak to the Duodenum in Proteinâ€Losing Enteropathy. Journal of Pediatric Gastroenterology and Nutrition, 2022, 74, 38-45.	1.8	3
69	Computed tomography of the airways and lungs in congenital heart disease. Pediatric Radiology, 2022, 52, 2529-2537.	2.0	3
70	Simulation of Delivery of Clip-Based Therapies Within Multimodality Images to Facilitate Preprocedural Planning. Journal of the American Society of Echocardiography, 2021, 34, 1111-1114.	2.8	3
71	Feasibility of T2 Mapping of the Sacroiliac Joints in Healthy Control Subjects and Children and Young Adults with Sacroiliitis. ACR Open Rheumatology, 2021, , .	2.1	3
72	Dynamic contrast-enhanced MR lymphangiography: feasibility of using ferumoxytol in patients with chronic kidney disease. European Radiology, 2022, 32, 2564-2571.	4.5	3

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73	Magnetic resonance lymphangiography in post-Fontan palliation patients with MR non-conditional cardiac electronic devices: An institutional experience. Clinical Imaging, 2022, 86, 43-52.	1.5	3
74	Magnetic resonance imaging features of intra-articular tenosynovial giant cell tumor in children. Pediatric Radiology, 2021, 51, 441-449.	2.0	2
75	Open-Source Tool Kit for Interactive Planning of Transcatheter Mitral Valve Replacement Using Multimodality Imaging. Journal of the American Society of Echocardiography, 2021, 34, 917-920.	2.8	2
76	MRI Findings of Infectious Sacroiliitis in Children: Are There Age-Dependent Differences?. American Journal of Roentgenology, 2020, 214, 923-929.	2.2	2
77	Changes over time in inflammatory and structural lesions at the sacroiliac joint in children with spondyloarthritis exposed and unexposed to tumor necrosis factor inhibitor. Pediatric Rheumatology, 2021, 19, 167.	2.1	2
78	Lymphatic anomalies in congenital heart disease. Pediatric Radiology, 2022, 52, 1862-1876.	2.0	2
79	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
80	Pearls and Pitfalls in Pediatric Fontan Operation Imaging. Seminars in Ultrasound, CT and MRI, 2020, 41, 442-450.	1.5	1
81	Influence of Prenatal Exercise on Fetal/Infant Health. FASEB Journal, 2015, 29, 1055.28.	0.5	0