

# Ramkumar Krishnamurthy

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

1,067  
citations

623734

14  
h-index

552781

26  
g-index

29  
all docs

29  
docs citations

29  
times ranked

2237  
citing authors

#	ARTICLE	IF	CITATIONS
1	Advanced imaging use and payment trends in a large pediatric accountable care organization. <i>Pediatric Radiology</i> , 2022, 52, 22-29.	2.0	0
2	Tissue engineered vascular grafts transform into autologous neovessels capable of native function and growth. <i>Communications Medicine</i> , 2022, 2, .	4.2	18
3	Validation of automated bone age analysis from hand radiographs in a North American pediatric population. <i>Pediatric Radiology</i> , 2022, , 1.	2.0	5
4	Beyond the AJR â€œTrends in Use of Advanced Imaging in Pediatric Emergency Departments, 2009â€œ2018â€œ. <i>American Journal of Roentgenology</i> , 2021, 216, 1437-1437.	2.2	0
5	Immediate functional progression program in adolescent athletes with a spondylolysis. <i>Physical Therapy in Sport</i> , 2021, 52, 140-146.	1.9	2
6	3D printing with MRI in pediatric applications. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 1641-1658.	3.4	23
7	Magnetic Resonance Elastography of the Liver in Children and Adolescents: Assessment of Regional Variations in Stiffness. <i>Academic Radiology</i> , 2020, 27, e109-e115.	2.5	6
8	Comparison of 2D BLADE Turbo Gradient- and Spin-Echo and 2D Spin-Echo Echo-Planar Diffusion-Weighted Brain MRI at 3 T: Preliminary Experience in Children. <i>Academic Radiology</i> , 2019, 26, 1597-1604.	2.5	15
9	Recent Advances in Pediatric Brain, Spine, and Neuromuscular Magnetic Resonance Imaging Techniques. <i>Pediatric Neurology</i> , 2019, 96, 7-23.	2.1	8
10	Post-contrast T1-weighted spine 3T MRI in children using a golden-angle radial acquisition. <i>Neuroradiology</i> , 2019, 61, 341-349.	2.2	7
11	3D T1-weighted contrast-enhanced brain MRI in children using a fat-suppressed golden angle radial acquisition: an alternative to Cartesian inversion-recovery imaging. <i>Clinical Imaging</i> , 2019, 55, 112-118.	1.5	3
12	Multi-phase 3D arterial spin labeling brain MRI in assessing cerebral blood perfusion and arterial transit times in children at 3T. <i>Clinical Imaging</i> , 2019, 53, 210-220.	1.5	15
13	Reducing sedation for pediatric body MRI using accelerated and abbreviated imaging protocols. <i>Pediatric Radiology</i> , 2018, 48, 37-49.	2.0	64
14	Magnetic resonance elastography demonstrates elevated liver stiffness in cystic fibrosis patients. <i>Journal of Cystic Fibrosis</i> , 2018, 17, e54-e56.	0.7	10
15	Myocardial Stress Perfusion MRI: Experience in Pediatric and Young-Adult Patients Following Arterial Switch Operation Utilizing Regadenoson. <i>Pediatric Cardiology</i> , 2018, 39, 1249-1257.	1.3	23
16	Comparison of the diagnostic accuracy of PET/MRI to PET/CT-acquired FDG brain exams for seizure focus detection: a prospective study. <i>Pediatric Radiology</i> , 2017, 47, 1500-1507.	2.0	33
17	Myocardial stress perfusion magnetic resonance: initial experience in a pediatric and young adult population using regadenoson. <i>Pediatric Radiology</i> , 2017, 47, 280-289.	2.0	23
18	Nonalcoholic Fatty Liver Disease in Hispanic Youth With Dysglycemia: Risk for Subclinical Atherosclerosis?. <i>Journal of the Endocrine Society</i> , 2017, 1, 1029-1040.	0.2	9

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19	Comparison of two single-breath-held 3-D acquisitions with multi-breath-held 2-D cine steady-state free precession MRI acquisition in children with single ventricles. <i>Pediatric Radiology</i> , 2016, 46, 637-645.	2.0	7
20	Endothelial Function in Youth: A Biomarker Modulated by Adiposity-Related Insulin Resistance. <i>Journal of Pediatrics</i> , 2016, 178, 171-177.	1.8	24
21	Assessment of Sequential PET/MRI in Comparison With PET/CT of Pediatric Lymphoma: A Prospective Study. <i>American Journal of Roentgenology</i> , 2016, 206, 623-631.	2.2	67
22	Clinical validation of free breathing respiratory triggered retrospectively cardiac gated cine balanced steady-state free precession cardiovascular magnetic resonance in sedated children. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, 1.	3.3	111
23	Mother's pre-pregnancy BMI is an important determinant of adverse cardiometabolic risk in childhood. <i>Pediatric Diabetes</i> , 2015, 16, 419-426.	2.9	62
24	Urine Albumin-to-Creatinine Ratio: A Marker of Early Endothelial Dysfunction in Youth. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 3393-3399.	3.6	43
25	Tools for cardiovascular magnetic resonance imaging. <i>Cardiovascular Diagnosis and Therapy</i> , 2014, 4, 104-25.	1.7	24
26	Nitroxide Radicals@USâ€¢Tubes: New Spin Labels for Biomedical Applications. <i>Advanced Functional Materials</i> , 2012, 22, 3691-3698.	14.9	21
27	Gadonanotubes as magnetic nanolabels for stem cell detection. <i>Biomaterials</i> , 2010, 31, 9482-9491.	11.4	65
28	Geometrical confinement of gadolinium-based contrast agents in nanoporous particles enhances T1 contrast. <i>Nature Nanotechnology</i> , 2010, 5, 815-821.	31.5	379