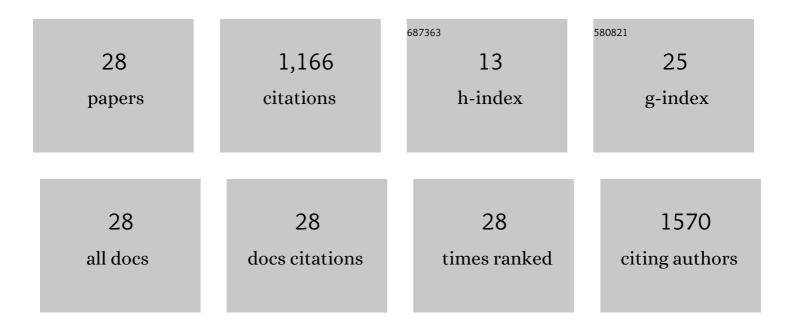
## Sagar Buch

List of Publications by Year in descending order

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SACAD RUCH

#	Article	IF	CITATIONS
1	Vascular mapping of the human hippocampus using Ferumoxytol-enhanced MRI. NeuroImage, 2022, 250, 118957.	4.2	6
2	Imaging patients pre and post deep brain stimulation: Localization of the electrodes and their targets. Magnetic Resonance Imaging, 2021, 75, 34-44.	1.8	7
3	VC-Net: Deep Volume-Composition Networks for Segmentation and Visualization of Highly Sparse and Noisy Image Data. IEEE Transactions on Visualization and Computer Graphics, 2021, 27, 1301-1311.	4.4	21
4	An Overview of Venous Abnormalities Related to the Development of Lesions in Multiple Sclerosis. Frontiers in Neurology, 2021, 12, 561458.	2.4	13
5	Revealing vascular abnormalities and measuring small vessel density in multiple sclerosis lesions using USPIO. Neurolmage: Clinical, 2021, 29, 102525.	2.7	13
6	Principles of susceptibility-weighted MRI. Advances in Magnetic Resonance Technology and Applications, 2021, 4, 341-357.	0.1	0
7	Dual-Imaging Modality Approach to Evaluate Cerebral Hemodynamics in Growth-Restricted Fetuses: Oxygenation and Perfusion. Fetal Diagnosis and Therapy, 2020, 47, 145-155.	1.4	3
8	Using variableâ€rate selective excitation (VERSE) radiofrequency pulses to reduce power deposition in pulsed arterial spin labeling sequence at 7 Tesla. Magnetic Resonance in Medicine, 2020, 83, 645-652.	3.0	5
9	Detecting sub-voxel microvasculature with USPIO-enhanced susceptibility-weighted MRI at 7ÂT. Magnetic Resonance Imaging, 2020, 67, 90-100.	1.8	13
10	Multi-Echo Quantitative Susceptibility Mapping for Strategically Acquired Gradient Echo (STAGE) Imaging. Frontiers in Neuroscience, 2020, 14, 581474.	2.8	13
11	Subvoxel vascular imaging of the midbrain using USPIO-Enhanced MRI. NeuroImage, 2020, 220, 117106.	4.2	17
12	Quantitative Susceptibility Mapping for Characterization of Intraplaque Hemorrhage and Calcification in Carotid Atherosclerotic Disease. Journal of Magnetic Resonance Imaging, 2020, 52, 534-541.	3.4	15
13	JointVesselNet: Joint Volume-Projection Convolutional Embedding Networks for 3D Cerebrovascular Segmentation. Lecture Notes in Computer Science, 2020, , 106-116.	1.3	8
14	Perfusion and Susceptibility Weighted Imaging in Traumatic Brain Injury. , 2019, , 303-319.		0
15	Susceptibility mapping of the dural sinuses and other superficial veins in the brain. Magnetic Resonance Imaging, 2019, 57, 19-27.	1.8	5
16	Quantitative susceptibility mapping in the human fetus to measure blood oxygenation in the superior sagittal sinus. European Radiology, 2019, 29, 2017-2026.	4.5	13
17	Imaging putative foetal cerebral blood oxygenation using susceptibility weighted imaging (SWI). European Radiology, 2018, 28, 1884-1890.	4.5	12
18	An interleaved sequence for simultaneous magnetic resonance angiography (MRA), susceptibility weighted imaging (SWI) and quantitative susceptibility mapping (QSM). Magnetic Resonance Imaging, 2018, 47, 1-6.	1.8	23

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#	Article	IF	CITATIONS
19	Quantitative susceptibility mapping: Report from the 2016 reconstruction challenge. Magnetic Resonance in Medicine, 2018, 79, 1661-1673.	3.0	151
20	MR imaging of intracranial and extracranial veins. Italian Journal of Vascular and Endovascular Surgery, 2018, 25, .	1.0	0
21	Susceptibilityâ€weighted imaging: current status and future directions. NMR in Biomedicine, 2017, 30, e3552.	2.8	121
22	Quantifying the changes in oxygen extraction fraction and cerebral activity caused by caffeine and acetazolamide. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 825-836.	4.3	33
23	Determination of detection sensitivity for cerebral microbleeds using susceptibilityâ€weighted imaging. NMR in Biomedicine, 2017, 30, e3551.	2.8	25
24	A fully flow-compensated multiecho susceptibility-weighted imaging sequence: The effects of acceleration and background field on flow compensation. Magnetic Resonance in Medicine, 2016, 76, 478-489.	3.0	26
25	Susceptibility mapping of air, bone, and calcium in the head. Magnetic Resonance in Medicine, 2015, 73, 2185-2194.	3.0	48
26	Quantitative susceptibility mapping: current status and future directions. Magnetic Resonance Imaging, 2015, 33, 1-25.	1.8	426
27	Measuring venous blood oxygenation in fetal brain using susceptibilityâ€weighted imaging. Journal of Magnetic Resonance Imaging, 2014, 39, 998-1006.	3.4	31
28	Improving susceptibility mapping using a thresholdâ€based Kâ€space/image domain iterative reconstruction approach. Magnetic Resonance in Medicine, 2013, 69, 1396-1407.	3.0	118