

# Valentin H Prevost

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5345117/publications.pdf>

Version: 2024-02-01

6  
papers

180  
citations

1478505

6  
h-index

1872680

6  
g-index

6  
all docs

6  
docs citations

6  
times ranked

176  
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetization transfer from inhomogeneously broadened lines (ihMT): Experimental optimization of saturation parameters for human brain imaging at 1.5 Tesla. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 2111-2121.	3.0	43
2	Evaluation of the Sensitivity of Inhomogeneous Magnetization Transfer (ihMT) MRI for Multiple Sclerosis. <i>American Journal of Neuroradiology</i> , 2018, 39, 634-641.	2.4	42
3	Whole brain inhomogeneous magnetization transfer (ihMT) imaging: Sensitivity enhancement within a steady-state gradient echo sequence. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 2607-2619.	3.0	36
4	In vivo measurement of a new source of contrast, the dipolar relaxation time, $T_{1D}$ , using a modified inhomogeneous magnetization transfer (ihMT) sequence. <i>Magnetic Resonance in Medicine</i> , 2017, 78, 1362-1372.	3.0	31
5	Minimizing the effects of magnetization transfer asymmetry on inhomogeneous magnetization transfer (ihMT) at ultra-high magnetic field (11.75T). <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2016, 29, 699-709.	2.0	19
6	Temperature dependence and histological correlation of inhomogeneous magnetization transfer and myelin water imaging in ex vivo brain. <i>NeuroImage</i> , 2021, 236, 118046.	4.2	9