

# Christian Kames

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6150120/publications.pdf>

Version: 2024-02-01

11  
papers

325  
citations

1163117

8  
h-index

1372567

10  
g-index

12  
all docs

12  
docs citations

12  
times ranked

638  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative susceptibility mapping: Report from the 2016 reconstruction challenge. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 1661-1673.	3.0	151
2	Susceptibility-sensitive MRI of multiple sclerosis lesions and the impact of normal-appearing white matter changes. <i>NMR in Biomedicine</i> , 2017, 30, e3727.	2.8	39
3	The influence of iron oxidation state on quantitative MRI parameters in post mortem human brain. <i>NeuroImage</i> , 2020, 220, 117080.	4.2	25
4	Rapid solution of the Bloch-Torrey equation in anisotropic tissue: Application to dynamic susceptibility contrast MRI of cerebral white matter. <i>NeuroImage</i> , 2019, 185, 198-207.	4.2	24
5	Rapid two-step dipole inversion for susceptibility mapping with sparsity priors. <i>NeuroImage</i> , 2018, 167, 276-283.	4.2	23
6	Myelin water imaging and $R_2^*$ mapping in neonates: Investigating $R_2^*$ dependence on myelin and fibre orientation in whole brain white matter. <i>NMR in Biomedicine</i> , 2020, 33, e4222.	2.8	18
7	DECAES – DEcomposition and Component Analysis of Exponential Signals. <i>Zeitschrift Fur Medizinische Physik</i> , 2020, 30, 271-278.	1.5	17
8	Pathological Insights From Quantitative Susceptibility Mapping and Diffusion Tensor Imaging in Ice Hockey Players Pre and Post-concussion. <i>Frontiers in Neurology</i> , 2018, 9, 575.	2.4	14
9	Quantitative Analysis of Punctate White Matter Lesions in Neonates Using Quantitative Susceptibility Mapping and $R_2^*$ Relaxation. <i>American Journal of Neuroradiology</i> , 2019, 40, 1221-1226.	2.4	8
10	Recovering SWI-filtered phase data using deep learning. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 948-959.	3.0	5
11	Quantitative Susceptibility Mapping of Venous Vessels in Neonates with Perinatal Asphyxia. <i>American Journal of Neuroradiology</i> , 2021, 42, 1327-1333.	2.4	0