

Atsushi Takahashi

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,083
citations

623734

14
h-index

888059

17
g-index

19
all docs

19
docs citations

19
times ranked

1317
citing authors

#	ARTICLE	IF	CITATIONS
1	Organization of high-level visual cortex in human infants. <i>Nature Communications</i> , 2017, 8, 13995.	12.8	224
2	Qualitative and quantitative ultrashort echo time (UTE) imaging of cortical bone. <i>Journal of Magnetic Resonance</i> , 2010, 207, 304-311.	2.1	204
3	Acute social isolation evokes midbrain craving responses similar to hunger. <i>Nature Neuroscience</i> , 2020, 23, 1597-1605.	14.8	133
4	Ultrashort TE $T_1\rho$ (UTE $T_1\rho$) imaging of the Achilles tendon and meniscus. <i>Magnetic Resonance in Medicine</i> , 2010, 64, 834-842.	3.0	88
5	Compensation of multi-dimensional selective excitation pulses using measured k -space trajectories. <i>Magnetic Resonance in Medicine</i> , 1995, 34, 446-456.	3.0	78
6	Magic angle effect in magnetic resonance imaging of the Achilles tendon and enthesis. <i>Magnetic Resonance Imaging</i> , 2009, 27, 557-564.	1.8	73
7	Orientational analysis of the Achilles tendon and enthesis using an ultrashort echo time spectroscopic imaging sequence. <i>Magnetic Resonance Imaging</i> , 2010, 28, 178-184.	1.8	55
8	Quantitative T_1 imaging using phase cycling for B_0 and B_1 field inhomogeneity compensation. <i>Magnetic Resonance Imaging</i> , 2011, 29, 608-619.	1.8	38
9	Optimization of RF excitation to maximize signal and T_2 contrast of tissues with rapid transverse relaxation. <i>Magnetic Resonance in Medicine</i> , 2010, 64, 481-490.	3.0	36
10	Simultaneous monitoring of dynamic changes in cerebral blood flow and oxygenation during sustained activation of the human visual cortex. <i>NeuroReport</i> , 1999, 10, 2939-2943.	1.2	30
11	The cortical connectome of primate lateral prefrontal cortex. <i>Neuron</i> , 2022, 110, 312-327.e7.	8.1	25
12	Signal Fluctuation Sensitivity: An Improved Metric for Optimizing Detection of Resting-State fMRI Networks. <i>Frontiers in Neuroscience</i> , 2016, 10, 180.	2.8	22
13	Optimizing spherical navigator echoes for three-dimensional rigid-body motion detection. <i>Magnetic Resonance in Medicine</i> , 2005, 53, 1080-1087.	3.0	19
14	Dual-echo spiral in/in acquisition method for reducing magnetic susceptibility artifacts in blood-oxygen-level-dependent functional magnetic resonance imaging. <i>Magnetic Resonance in Medicine</i> , 2006, 55, 325-334.	3.0	19
15	Hierarchical Cluster Analysis of Dense GPS Data and Examination of the Nature of the Clusters Associated With Regional Tectonics in Taiwan. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 5174-5191.	3.4	12
16	A size-adaptive 32-channel array coil for awake infant neuroimaging at 3-Tesla MRI. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 1773-1785.	3.0	11
17	The utility and limitations of the spinorized bloch equation. <i>Journal of Magnetic Resonance</i> , 1992, 98, 147-152.	0.5	5
18	Category-sensitive visual regions in human infants. <i>Journal of Vision</i> , 2016, 16, 204.	0.3	1