

# Tobias Back

## List of Publications by Year in descending order

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18  
papers

1,619  
citations

623734

14  
h-index

888059

17  
g-index

18  
all docs

18  
docs citations

18  
times ranked

1662  
citing authors

#	ARTICLE	IF	CITATIONS
1	Increased Formation of Reactive Oxygen Species after Permanent and Reversible Middle Cerebral Artery Occlusion in the Rat. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1998, 18, 196-205.	4.3	274
2	Induction of Spreading Depression in the Ischemic Hemisphere following Experimental Middle Cerebral Artery Occlusion: Effect on Infarct Morphology. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1996, 16, 202-213.	4.3	237
3	Relationship between diffusion-weighted MR images, cerebral blood flow, and energy state in experimental brain infarction. <i>Magnetic Resonance Imaging</i> , 1995, 13, 73-80.	1.8	230
4	Timecourse of health-related quality of life as determined 3, 6 and 12 months after stroke. <i>Journal of Neurology</i> , 2002, 249, 1160-1167.	3.6	118
5	Lesion evolution in cerebral ischemia. <i>Journal of Neurology</i> , 2004, 251, 388-397.	3.6	102
6	Three-Dimensional Image Analysis of Brain Glucose Metabolism-Blood Flow Uncoupling and its Electrophysiological Correlates in the Acute Ischemic Penumbra following Middle Cerebral Artery Occlusion. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1995, 15, 566-577.	4.3	96
7	Transient cell depolarization after permanent middle cerebral artery occlusion: An observation by diffusion-weighted MRI and localized <sup>1</sup> H-MRS. <i>Magnetic Resonance in Medicine</i> , 1994, 31, 337-341.	3.0	82
8	Analysis of the PKC-gamma-related immunocrossreactive region of a novel leukocyte protein gamma-rp. <i>Cellular and Molecular Neurobiology</i> , 1998, 18, 621-638.	3.3	80
9	Status Epilepticus after Stroke Is Associated with Increased Long-term Case Fatality. <i>Epilepsia</i> , 2006, 47, 2020-2026.	5.1	78
10	Resource Utilization and Costs of Stroke Unit Care in Germany. <i>Value in Health</i> , 2004, 7, 144-152.	0.3	67
11	Neuroborreliosis-associated cerebral vasculitis: long-term outcome and health-related quality of life. <i>Journal of Neurology</i> , 2013, 260, 1569-1575.	3.6	66
12	Evaluation of costs and outcome in cardioembolic stroke or TIA. <i>Journal of Neurology</i> , 2009, 256, 954-963.	3.6	60
13	Evolution of acute focal cerebral ischaemia in rats observed by localized <sup>1</sup> H MRS, diffusion-weighted MRI, and electrophysiological monitoring. <i>NMR in Biomedicine</i> , 1995, 8, 206-214.	2.8	59
14	Failure to Demonstrate Peri-Infarct Depolarizations by Repetitive MR Diffusion Imaging in Acute Human Stroke. <i>Stroke</i> , 2000, 31, 2901-2906.	2.0	40
15	Failure to improve the effect of thrombolysis by memantine in a rat embolic stroke model. <i>Neurological Research</i> , 2007, 29, 264-269.	1.3	11
16	Evaluation of the Obesity Genes <i>FTO</i> and <i>MC4R</i> and the Type 2 Diabetes Mellitus Gene <i>TCF7L2</i> for Contribution to Stroke Risk: The Mannheim-Heidelberg Stroke Study. <i>Obesity Facts</i> , 2011, 4, 5-5.	3.4	11
17	Early thrombolysis inhibits peri-infarct depolarizations in embolic MCA occlusion. <i>NeuroReport</i> , 2001, 12, 3943-3946.	1.2	8
18	Insights from Experimental Studies. <i>Medical Radiology</i> , 2006, , 41-73.	0.1	0