

Alexander Gussew

List of Publications by Year in descending order

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9
papers

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citations

1478458
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docs citations

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times ranked

548
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional connectivity and neurotransmitter impairments of the salience brain network in chronic low back pain patients: a combined resting-state functional magnetic resonance imaging and ¹ H-MRS study. <i>Pain</i> , 2022, 163, 2337-2347.	4.2	8
2	Comparison of metabolic adaptations between endurance and sprint trained athletes after an exhaustive exercise in two different calf muscles using a multi-slice ³¹ P-MR spectroscopic sequence. <i>NMR in Biomedicine</i> , 2018, 31, e3889.	2.8	6
3	Difference optimization: Automatic correction of relative frequency and phase for mean non-edited and edited GABA ¹ H MEGA-PRESS spectra. <i>Journal of Magnetic Resonance</i> , 2017, 279, 16-21.	2.1	6
4	Assessment of intra- and inter-regional interrelations between GABA+, Glx and BOLD during pain perception in the human brain – A combined ¹ H fMRS and fMRI study. <i>Neuroscience</i> , 2017, 365, 125-136.	2.3	22
5	Age-related structural and functional changes of low back muscles. <i>Experimental Gerontology</i> , 2015, 65, 23-34.	2.8	11
6	In vivo detection of acute pain-induced changes of GABA+ and Glx in the human brain by using functional ¹ H MEGA-PRESS MR spectroscopy. <i>NeuroImage</i> , 2015, 105, 67-75.	4.2	73
7	MR-compatible pedal ergometer for reproducible exercising of the human calf muscle. <i>Medical Engineering and Physics</i> , 2014, 36, 933-937.	1.7	13
8	Absolute quantitation of brain metabolites with respect to heterogeneous tissue compositions in ¹ H-MR spectroscopic volumes. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2012, 25, 321-333.	2.0	64
9	¹ H-MR spectroscopic detection of metabolic changes in pain processing brain regions in the presence of non-specific chronic low back pain. <i>NeuroImage</i> , 2011, 54, 1315-1323.	4.2	64