Young-Suk Choi

List of Publications by Year
in descending order

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13	90	1477746 6	1372195 10
papers	citations	h-index	g-index

13	13	13	206
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hyperpolarized [1-13C] pyruvate MR spectroscopy detect altered glycolysis in the brain of a cognitively impaired mouse model fed high-fat diet. Molecular Brain, 2018, 11, 74.	1.3	15
2	Hyperpolarized [1-13C]lactate flux increased in the hippocampal region in diabetic mice. Molecular Brain, 2019, 12, 88.	1.3	15
3	FoxO1 Is a Negative Regulator of FSHÎ² Gene Expression in Basal and GnRH-Stimulated Conditions in Female. Endocrinology, 2014, 155, 2277-2286.	1.4	13
4	High resolution hyperpolarized ¹³C MRSI using SPICE at 9.4T. Magnetic Resonance in Medicine, 2018, 80, 703-710.	1.9	10
5	Metabolite-selective hyperpolarized 13C imaging using extended chemical shift displacement at 9.4 T. Magnetic Resonance Imaging, 2016, 34, 535-540.	1.0	9
6	An indirect method for in vivo T₂ mapping of [1â€¹³C] pyruvate using hyperpolarized ¹³C CSI. NMR in Biomedicine, 2017, 30, e3690.	1.6	7
7	The Role of Foxo3 in Leydig Cells. Yonsei Medical Journal, 2015, 56, 1590.	0.9	5
8	Offset of apparent hyperpolarized ¹³C lactate flux by the use of adjuvant metformin in ionizing radiation therapy in vivo. NMR in Biomedicine, 2021, 34, e4561.	1.6	5
9	Flowâ€suppressed hyperpolarized ¹³C chemical shift imaging using velocityâ€optimized bipolar gradient in mouse liver tumors at 9.4â€‰T. Magnetic Resonance in Medicine, 2017, 78, 1674-1682.	1.9	4
10	Dynamic hyperpolarized ¹³C MR spectroscopic imaging using SPICE in mouse kidney at 9.4 T. NMR in Biomedicine, 2020, 33, e4230.	1.6	4
11	Determination of Optimal Scan Time for the Measurement of Downstream Metabolites in Hyperpolarized13C MRSI. Investigative Magnetic Resonance Imaging, 2015, 19, 212.	0.2	1
12	Dual Component Analysis for In Vivo T2 * Decay of Hyperpolarized 13C Metabolites. Investigative Magnetic Resonance Imaging, 2017, 21, 1.	0.2	1
13	Danshen Extracts Prevents Obesity and Activates Mitochondrial Function in Brown Adipose Tissue. Endocrinology and Metabolism, 2021, 36, 185-195.	1.3	1