

Moyoko Tomiyasu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Intraocular Water Movement Visualization Using ^1H -MRI With Eye Drops of ^{17}O -Labeled Saline: First Human Study. <i>Journal of Magnetic Resonance Imaging</i> , 2023, 57, 845-853.	3.4	6
2	Altered brain metabolite concentration and delayed neurodevelopment in preterm neonates. <i>Pediatric Research</i> , 2022, 91, 197-203.	2.3	3
3	Elevation of brain gamma-aminobutyric acid levels is associated with vigabatrin-associated brain abnormalities on magnetic resonance imaging. <i>Epilepsy Research</i> , 2022, 181, 106881.	1.6	2
4	<i>In vivo</i> Human MR Spectroscopy Using a Clinical Scanner: Development, Applications, and Future Prospects. <i>Magnetic Resonance in Medical Sciences</i> , 2022, 21, 235-252.	2.0	7
5	Comparison of Predictive Values of Magnetic Resonance Biomarkers Based on Scan Timing in Neonatal Encephalopathy Following Therapeutic Hypothermia. <i>Journal of Pediatrics</i> , 2021, 239, 101-109.e4.	1.8	12
6	Association between Brain and Plasma Glutamine Levels in Healthy Young Subjects Investigated by MRS and LC/MS. <i>Nutrients</i> , 2019, 11, 1649.	4.1	21
7	Serial Magnetic Resonance Imaging and ^1H -Magnetic Resonance Spectroscopy in GABA Transaminase Deficiency: A Case Report. <i>JIMD Reports</i> , 2018, 43, 7-12.	1.5	7
8	Changes in Brain Metabolite Concentrations after Neonatal Hypoxic-ischemic Encephalopathy. <i>Radiology</i> , 2018, 288, 840-848.	7.3	32
9	<i>In vivo</i> estimation of gamma-aminobutyric acid levels in the neonatal brain. <i>NMR in Biomedicine</i> , 2017, 30, e3666.	2.8	15
10	Normal lactate concentration range in the neonatal brain. <i>Magnetic Resonance Imaging</i> , 2016, 34, 1269-1273.	1.8	9
11	Neonatal Brain Metabolite Concentrations: An In Vivo Magnetic Resonance Spectroscopy Study with a Clinical MR System at 3 Tesla. <i>PLoS ONE</i> , 2013, 8, e82746.	2.5	26
12	Monitoring the brain metabolites of children with acute encephalopathy caused by the H1N1 virus responsible for the 2009 influenza pandemic: a quantitative in vivo ^1H MR spectroscopy study. <i>Magnetic Resonance Imaging</i> , 2012, 30, 1527-1533.	1.8	9
13	Acute hemicerebellitis in a pediatric patient: a case report of a serial MR spectroscopy study. <i>Acta Radiologica</i> , 2012, 53, 223-227.	1.1	6
14	A new case of GABA transaminase deficiency facilitated by proton MR spectroscopy. <i>Journal of Inherited Metabolic Disease</i> , 2010, 33, 85-90.	3.6	57
15	Monitoring of liver glycogen synthesis in diabetic patients using carbon-13 MR spectroscopy. <i>European Journal of Radiology</i> , 2010, 73, 300-304.	2.6	15
16	A multi-compartmental SE-BOLD interpretation for stimulus-related signal changes in diffusion-weighted functional MRI. <i>NMR in Biomedicine</i> , 2009, 22, 770-778.	2.8	13
17	Evaluating glycogen signal contamination in muscle by ^{13}C MRS of the liver. <i>Magnetic Resonance Imaging</i> , 2008, 26, 572-576.	1.8	2