

Moyoko Tomiyasu

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

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citations

1040056

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996975

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18
all docs

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docs citations

18
times ranked

433
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | 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 |
| 2 | Changes in Brain Metabolite Concentrations after Neonatal Hypoxic-ischemic Encephalopathy. <i>Radiology</i> , 2018, 288, 840-848. | 7.3 | 32 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | <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 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | Normal lactate concentration range in the neonatal brain. <i>Magnetic Resonance Imaging</i> , 2016, 34, 1269-1273. | 1.8 | 9 |
| 11 | 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 |
| 12 | <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 |
| 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 | Intraocular Water Movement Visualization Using ¹ H-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 |
| 15 | Altered brain metabolite concentration and delayed neurodevelopment in preterm neonates. <i>Pediatric Research</i> , 2022, 91, 197-203. | 2.3 | 3 |
| 16 | Evaluating glycogen signal contamination in muscle by 13C MRS of the liver. <i>Magnetic Resonance Imaging</i> , 2008, 26, 572-576. | 1.8 | 2 |
| 17 | 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 |