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Publications

PUBLICATIONS

- **The Circulatory Arrest Recovery Ammonia Problem (CARAP) Hypothesis: a 1H-MRS study of brain metabolism during neonatal cardiopulmonary bypass surgery.** *The Journal of thoracic and cardiovascular surgery*
Spielman, D., Gu, M., Liu, H., Liu, S. C., Hurd, R., Riemer, K., Okamura, K., Shibata, M., Shuttleworth, P., Kleiman, Z., Epperson, K., Epperson, K., Hanley, et al
2025
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2024
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Adamson, P. M., Datta, K., Watkins, R., Recht, L. D., Hurd, R. E., Spielman, D. M.
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- **Association between Anterior Cingulate Neurochemical Concentration and Individual Differences in Hypnotizability.** *Cerebral cortex (New York, N.Y. : 1991)*
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2020
- **Detection of Metabolic Changes using Hyperpolarized C-13 MRI in a Negative F-18-FDG PET Rat Brain Cancer Model**
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- **Methodological consensus on clinical proton MRS of the brain: Review and recommendations.** *Magnetic resonance in medicine*
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- **Pulse sequence considerations for quantification of pyruvate-to-lactate conversion k(PL) in hyperpolarized C-13 imaging** *NMR IN BIOMEDICINE*
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