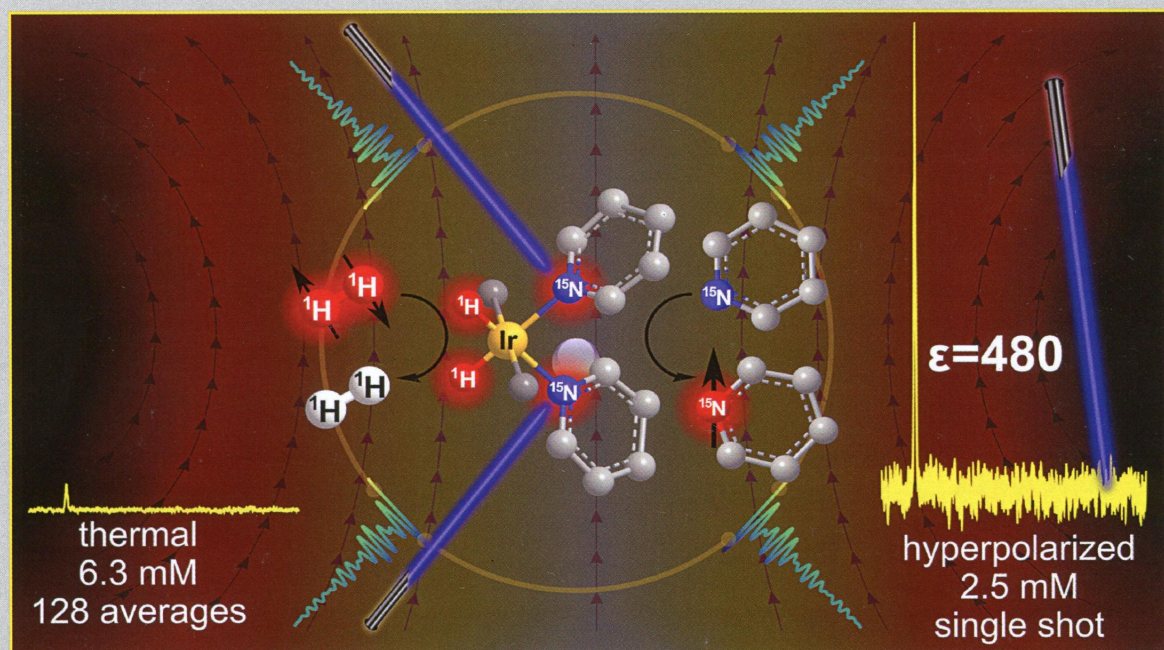


JMR

Journal of Magnetic Resonance



Low Irradiation Generation of High Tesla Signal Amplification By Reversible Exchange (LIGHT-SABRE) enables efficient in magnet hyperpolarization: parahydrogen derived polarization is transferred to pyridine by applying LIGHT-SABRE pulses at the resonance frequency of the catalyst bound pyridine. Ultimately, the reversible exchange leads to hyperpolarization buildup on the free pyridine.

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