

Interactive comment on “Revisiting paramagnetic relaxation enhancements in slowly rotating systems: how long is the long range?” by Giovanni Bellomo et al.

Carlos Geraldes (Referee)

geraldes@ci.uc.pt

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The present study is concise, technically correct and very useful for future correct use of paramagnetic relaxation rates to derive distance restraints in the structural determination of macromolecular systems procedures, as the usual distance dependence from the Solomon equations may not be obeyed at large distances due to cross relaxation effects. It is also useful to the design of MRI contrast agents, as the chemical exchange of surface protons in slowly rotating macromolecular with the bulk may enhance the relaxation rates obtained.

Interactive comment on Magn. Reson. Discuss., <https://doi.org/10.5194/mr-2020-33>, 2020.