

## **MRI study of spatial distribution of photochemical reaction products**

Obynochny A., Maryasov A., Il'yasov K., Gnezdilov O., Salikhov K.

*Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia*

---

### **Abstract**

Spatial distribution of molecules with chemically induced dynamic nuclear polarization has been studied by nuclear magnetic resonance imaging. It is shown that heating of a system during the photolysis can cause highly nonuniform distribution of reaction products due to a convective effect. © Springer-Verlag 1999.

---