



## Dr. Joan Santamaria

### Contact

Dr. Joan Santamaria  
Spain

## Publications (2)

Mahlknecht P, Seppi K, Poewe W, Scherfler C, Brugger F, Goebel G, Gschliesser V, Mitterling T, Serradell M, Tolosa E, Santamaria J, Müller C, Frauscher B, Högl B, Iranzo A, Sleep Innsbruck Barcelona Group. Olfactory dysfunction predicts early transition to a Lewy body disease in idiopathic RBD. *Neurology* 2015; 84:654-8.

Brugger F, Tolosa E, Högl B, Santamaria J, Frauscher B, Gschliesser V, Serradell M, Seppi K, Iranzo A, Stockner H, Poewe W (2009). Midbrain hyperechogenicity and impaired olfactory function in patients with idiopathic REM sleep behavior disorder.

## Projects (0)

No results found.

---

Kantonsspital St.Gallen

Rorschacher Strasse 95

CH-9007 St.Gallen

T: +41 71 494 11 11

[support.forschung@kssg.ch](mailto:support.forschung@kssg.ch)