

## Prof. Dr. Fedor Jelezko

### Publikationsliste; Patente

#### Patente

1. J.-P. Boudou, P. Curmi; A. Thorel, F. Jelezko, M. Sennour, *Method for manufacturing cubic diamond nanocrystals*, Publication number WO2010102977
2. Daniel. Twitchen, J. Dodson, M. Markham, F. Jelezko *Diamond optical element*, US 20130270991
3. A.Thorel, P. Curmi, J.-P. Boudou, F. Jelezko *Photovoltaic cell including fluorescent diamonds*, WO 2013064784
4. F. Jelezko, I. Shwarz, M. Plenio, A. Retzker, *Method for the hyperpolarisation of nuclear spin in a diamond*, WO2014166883A1

#### Buchbeiträge

1. Jelezko, J. Wrachtrup *Single defect centers in diamond* in Physics and Applications of CVD Diamond", Wiley-VCH (2008)
2. F. Jelezko and J. Wrachtrup Quantum Information Processing with Defects in *Quantum Information Processing* , Thomas Beth and Gerd Leuchs (Editors), Wiley-VCH (2006)
3. J. Wrachtrup, T.J. Aartsma, J. Köhler, M. Ketelaars, A.M. van Oijen, M. Matsushita, J. Schmidt, C. Tietz, F. Jelezko, *Spectroscopy of Individual Photosynthetic Pigment-Protein Complexes in: Single-Molecule Detection in Solution*, Zander et al.(Editors), Wiley-VCH (2002)
4. Jelezko, F., Single Spins in Diamond: Novel Quantum Devices and Atomic Sensors in Prati, E., & Shinada, T. *Single-atom nanoelectronics*. Singapore: Pan Stanford Pub. Pte. Lt (2013)

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