

Publications – Institute for Quantum Optics

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- (4) Jantzen U., Kurz A. B., Rudnicki D. S., Schäfermeier C., Jahnke K. D., Andersen U. L., Davydov V. A., Agafonov V. N., Kubanek A., Rogers L. J. & Jelezko F. **(2016)** Nanodiamonds carrying silicon-vacancy quantum emitters with almost lifetime-limited linewidths. *New J. Phys.* 18 073036
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- (9) Rogers L. & Jelezko F. **(2016)** QUANTUM OPTICS Robust light-controlled qubits. *Nature Photonics* 10, 147–148
- (10) Chen Q., Schwarz I., Jelezko F., Retzker A. & Plenio M. B. **(2016)** Resonance-inclined optical nuclear spin polarization of liquids in diamond structures. *Phys. Rev. B* 93, 060408
- (11) Lovchinsky I., Sushkov A. O., Urbach E., de Leon N. P., Choi S., De Greve K., Evans R., Gertner R., Bersin E., Müller C., McGuinness L. P., Jelezko F., Walsworth R. L., Park H. & Lukin M. D. **(2016)** Nuclear magnetic resonance detection and spectroscopy of single proteins using quantum logic. *Science*. DOI: 10.1126/science.aad8022
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