

## 1 Monographien

- [1] **WEBER, F. M.:** Personalizing simulations of the human atria: Intracardiac measurements, tissue conductivities, and cellular electrophysiology. Dissertation am Karlsruher Institut für Technologie, Fakultät für Elektro- und Informationstechnik (Betreuer: Prof. Olaf Dössel). *KIT Scientific Publishing (Karlsruhe)*, 2011
- [2] **WEBER, F. M.:** Optische Resonatormoden in GaAs-Mikropyramiden. Diplomarbeit am Karlsruher Institut für Technologie, Fakultät für Physik (Betreuer: Prof. Heinz Kalt, Dr. Michael Hetterich), 2007
- [3] **WEBER, F. M.:** One Dimensional Resonators for Enhanced Quantum Bit Control. Masterarbeit an der Kungliga Tekniska Högskolan, Stockholm, Schweden, Fakultät für Physik (Betreuer: Prof. David Haviland), 2005

## 2 Journal-Publikationen

- [4] DÖSSEL, O. ; KRUEGER, M. W. ; **WEBER, F. M.** ; WILHELMS, M. ; SEEMANN, G.: Computational Modeling of the Human Atrial Anatomy and Electrophysiology (Review Article). In: *Medical & Biological Engineering & Computing (in press)* (2012)
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- [13] THOLÉN, E. ; ERGÜL, A. ; DOHERTY, E. ; **WEBER, F. M.** ; GREGRIS, F. ; HAVILAND, D. B.: Nonlinearities and parametric amplification in superconducting stripline resonators. In: *Applied Physics Letters* 90 (2007), S. 3509

### 3 Konferenz-Publikationen

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#### 4 Weitere Konferenzbeiträge

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