

## Publikationen

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|-----------------|---|
| Doktorarbeit    | - Computer-assistierte Laparoskopie mit fluoreszierenden Markern, (2018)  |
| Journalpaper    | - Robust augmented reality guidance with fluorescent markers in laparoscopic surgery, <i>IJCARS</i> (2016)<br>- Noncoplanar VMAT for nasopharyngeal tumors: Plan quality versus treatment time, <i>Medical Physics</i> (2015)   |
| Patentanmeldung | - System for fluorescence aided surgery, <i>EP2016/073856</i>   |
| Konferenzen     | - In vivo robustness analyses of intraoperative registration with fluorescent markers, <i>ISCAS</i> (2017)<br>- Robuste intraoperative Registrierung mit fluoreszierenden Markern für die computergestützte Laparoskopie, <i>BVM</i> (2016)<br>- Dosimetric quality and treatment efficiency of non-coplanar arc therapy, <i>ESTRO</i> (2014)<br>- Ultra-fast arc therapy planning framework, <i>ESTRO</i> (2013)   |
| Koautorin       | - O'Donoghue et al.: Visualization of biomedical data, <i>Annual Review of Biomedical Data Science</i> (2018)<br>- Majlesara et al.: Indocyanine green fluorescence imaging in hepatobiliary surgery, <i>Photodiagnosis and Photodynamic Therapy</i> (2017)<br>- Baranski et al.: Dual-labeled PSMA-11 for PET/CT imaging and precise fluorescence guided intraoperative identification of prostate cancer, <i>European Association of Nuclear Medicine</i> (2017)<br>- Baranski et al.: Preclinical evaluation of dual-labeled PSMA-inhibitors for the diagnosis and therapy of prostate cancer, <i>SNMMI</i> (2017)<br>- Kirchner et al.: Freehand photoacoustic tomography for 3D angiography using local gradient information, <i>SPIE BiOS</i> (2016)<br>- Simpfendörfer et al.: Navigierte urologische Chirurgie, <i>Der Urologe</i> (2015) |
| Buchbeitrag     | - Maier-Hein, Speidel, Stenau, Chen, Ma: Registration, <i>Mixed and Augmented Reality in Medicine</i> , <i>CRC Press</i> (2018)   |