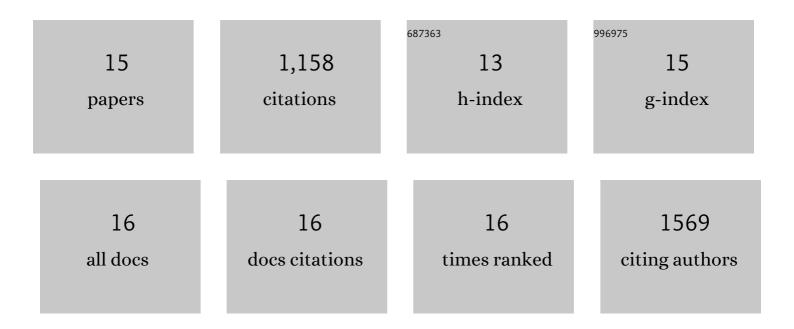
## Stefan Morscher

List of Publications by Year in descending order

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STEEAN MODSCHED

| #  | Article   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Metastatic status of sentinel lymph nodes in melanoma determined noninvasively with multispectral optoacoustic imaging. Science Translational Medicine, 2015, 7, 317ra199.  | 12.4 | 239       |
| 2  | Unmixing Molecular Agents From Absorbing Tissue in Multispectral Optoacoustic Tomography. IEEE<br>Transactions on Medical Imaging, 2014, 33, 48-60.   | 8.9  | 128       |
| 3  | Fast Multispectral Optoacoustic Tomography (MSOT) for Dynamic Imaging of Pharmacokinetics and<br>Biodistribution in Multiple Organs. PLoS ONE, 2012, 7, e30491.   | 2.5  | 124       |
| 4  | Multispectral Opto-acoustic Tomography (MSOT) of the Brain and Glioblastoma Characterization.<br>NeuroImage, 2013, 65, 522-528.   | 4.2  | 123       |
| 5  | Vaccinia virus-mediated melanin production allows MR and optoacoustic deep tissue imaging and<br>laser-induced thermotherapy of cancer. Proceedings of the National Academy of Sciences of the<br>United States of America, 2013, 110, 3316-3320. | 7.1  | 109       |
| 6  | Deep-Tissue Reporter-Gene Imaging with Fluorescence and Optoacoustic Tomography: A Performance<br>Overview. Molecular Imaging and Biology, 2014, 16, 652-660.   | 2.6  | 87        |
| 7  | Towards Quantitative Evaluation of Tissue Absorption Coefficients Using Light Fluence Correction in Optoacoustic Tomography. IEEE Transactions on Medical Imaging, 2017, 36, 322-331.   | 8.9  | 73        |
| 8  | Hybrid optoacoustic tomography and pulse-echo ultrasonography using concave arrays. IEEE<br>Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2015, 62, 1651-1661.  | 3.0  | 64        |
| 9  | Semi-quantitative Multispectral Optoacoustic Tomography (MSOT) for volumetric PK imaging of gastric emptying. Photoacoustics, 2014, 2, 103-110.   | 7.8  | 63        |
| 10 | Multispectral Optoacoustic Tomography in Crohn's Disease: Noninvasive Imaging of Disease Activity.<br>Gastroenterology, 2016, 151, 238-240.   | 1.3  | 61        |
| 11 | Deep Learning for Automatic Segmentation of Hybrid Optoacoustic Ultrasound (OPUS) Images. IEEE<br>Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2021, 68, 688-696.  | 3.0  | 32        |
| 12 | Assessment of hessian-based Frangi vesselness filter in optoacoustic imaging. Photoacoustics, 2020, 20, 100200.   | 7.8  | 22        |
| 13 | A light-fluence-independent method for the quantitative analysis of dynamic contrast-enhanced multispectral optoacoustic tomography (DCE MSOT). Photoacoustics, 2018, 10, 54-64.  | 7.8  | 21        |
| 14 | Advances in Optoacoustic Imaging: From Benchside to Clinic. Progress in Optical Science and Photonics, 2016, , 75-109.  | 0.5  | 6         |
| 15 | The IPASC data format: A consensus data format for photoacoustic imaging. Photoacoustics, 2022, 26, 100339.   | 7.8  | 6         |