

Publikationsverzeichnis

Erst- und Letztautorenschaften (teilweise geteilte Erstautorenschaften)

- **Sztrokay A**, Gutyrchik E, Reiser M, Meindl T. *Functional MRI and neurophysiological aspects of obesity*. Radiologe 2011 May
- **Sztrokay A**, Diemoz PC, Schlossbauer T, Brun E, Bamberg F, Mayr D, Reiser MF, Bravin A, Coan P. *High-resolution breast tomography at high energy: a feasibility study of phase contrast imaging on a whole breast*. Phys Med Biol. 2012 May
- **Sztrokay A**, Herzen J, Auweter SD, Liebhardt S, Mayr D, Willner M, Hahn D, Zanette I, Weitkamp T, Hellerhoff K, Pfeiffer F, Reiser MF, Bamberg F. *Assessment of grating-based X-ray phase-contrast CT for differentiation of invasive ductal carcinoma and ductal carcinoma in situ in an experimental ex vivo set-up*. Eur Radiol. 2013 Feb
- Grandl S and **Sztrokay-Gaul A**, Auweter SD, Hellerhoff K. *Phase contrast imaging of the breast. Basic principles and steps towards clinical implementation*. Radiologe 2014 Mar
- Grandl S and **Sztrokay-Gaul A**, Mittone A, Gasilov S, Brun E, Bravin A, Mayr D, Auweter SD, Hellerhoff K, Reiser M, Coan P. *Detection of Post-Therapeutic Effects in Breast Carcinoma Using Hard X-Ray Index of Refraction Computed Tomography - A Feasibility Study*. PLoS One 2016 Jun
- Eingereicht im August 2016 bei Eur Radiol. Hellerhoff K, Grandl S, Mar, D, Auweter SD, Herzen J, Reiser M, Pfeiffer F, **Sztrokay-Gaul A**. *Assessment of intraductal carcinoma in situ (DCIS) using grating-based X-ray phase-contrast CT at conventional X-ray sources: an experimental ex vivo study*.

Co-Autorenschaften

- Hahn D, Thibault P, Bech M, Stockmar M, Schleede S, Zanette I, Rack A, Weitkamp T, **Sztrokay A**, Schlossbauer T, Bamberg F, Reiser M, Pfeiffer F. *Numerical comparison of X-ray differential phase contrast and attenuation contrast*. Biomed Opt Express. 2012 Jun.
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- Lutz A, Nassehi A, Bao Y, Pöppel E, **Sztrokay A**, Reiser M, Fehse K, Gutyrchik E. *Neurocognitive processing of body representations in artistic and photographic images*. Neuroimage. 2013 Feb.
- Schleede S, Bech M, Grandl S, **Sztrokay A**, Herzen J, Mayr D, Stockmar M, Potdevin G, Zanette I, Rack A, Weitkamp T, Pfeiffer F. *X-ray phase-contrast tomosynthesis for improved breast tissue discrimination*. Eur J Radiol. 2014 Mar.
- Willner M, Herzen J, Grandl S, Auweter S, Mayr D, Hipp A, Chabior M, Sarapata A, Achterhold K, Zamette I, Weitkamp T, **Sztrokay A**, Hellerhoff K, Reiser M, Pfeiffer F. *Quantitative breast tissue characterization using grating-based x-ray phase-contrast imaging*. Phys Med Biol. 2014 Apr.
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- Scherer K, Willner K, Groman L, Birnbacher L, Braig E, Grandl S, **Sztrokay-Gaul A**, Herzen J, Mayr D, Hellerhoff K, Pfeiffer F. *Toward Clinically Compatible Phase-Contrast Mammography*. PLoS One. 2015 Jun.
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