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Publications

PUBLICATIONS

- **Biomarkers.** *Alzheimer's & dementia : the journal of the Alzheimer's Association*
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- **UltraFlex: Iterative Model-Based Ultrasonic Flexible-Array Shape Calibration** *IEEE TRANSACTIONS ON ULTRASONICS FERROELECTRICS AND FREQUENCY CONTROL*
Frey, B. N., Hyun, D., Simson, W., Zhuang, L., Hashemi, H. S., Schneider, M., Dahl, J. J.
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- **Spatial transcriptomic analysis drives PET imaging of tight junction protein expression in pancreatic cancer theranostics.** *Nature communications*
Wang, J., Seo, J. W., Kare, A. J., Schneider, M., Pandrala, M., Tumbale, S. K., Raie, M. N., Engudar, G., Zhang, N., Guo, Y., Zhong, X., Ferreira, S., Wu, et al
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- **Combined near infrared photoacoustic imaging and ultrasound detects vulnerable atherosclerotic plaque.** *Biomaterials*
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- **Photoacoustic tomography versus cone-beam computed tomography versus micro-computed tomography: Accuracy of 3D reconstructions of human teeth.** *PloS one*
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- **Superiorized Photo-Acoustic Non-NEgative Reconstruction (SPANNER) for Clinical Photoacoustic Imaging.** *IEEE transactions on medical imaging*
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- **A Distinct Role of the Autonomic Nervous System in Modulating the Function of Lymphatic Vessels under Physiological and Tumor-Draining Conditions** *CELL REPORTS*
Bachmann, S. B., Gsponer, D., Montoya-Zegarra, J. A., Schneider, M., Scholkmann, F., Tacconi, C., Noerrellykke, S. F., Proulx, S. T., Detmar, M.
2019; 27 (11): 3305-+
- **An in vivo wound healing model for the characterization of the angiogenic process and its modulation by pharmacological interventions.** *Scientific reports*
Schneider, M. K., Ioanas, H. I., Xandry, J., Rudin, M.
2019; 9 (1): 6004
- **EMMPRIN and its ligand Cyclophilin A as novel diagnostic markers in inflammatory cardiomyopathy** *INTERNATIONAL JOURNAL OF CARDIOLOGY*
Seizer, P., Geisler, T., Bigalke, B., Schneider, M., Klingel, K., Kandolf, R., Stellos, K., Schrieck, J., Gawaz, M., May, A. E.

