

Stanford

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Bio

LINKS

- Google Scholar: <https://scholar.google.com/citations?user=Q2SCA-sAAAAJ&hl=en&oi=ao>
- X (twitter): <https://twitter.com/SophieOstmeier>

Publications

PUBLICATIONS

- **Merlin: A Vision Language Foundation Model for 3D Computed Tomography.** *Research square*
Blankemeier, L., Cohen, J. P., Kumar, A., Veen, D. V., Gardezi, S., Paschali, M., Chen, Z., Delbrouck, J. B., Reis, E., Truys, C., Bluethgen, C., Jensen, M., Ostmeier, et al
2024
- **Multicenter US clinical experience with the Scepter Mini balloon catheter.** *Interventional neuroradiology : journal of peritherapeutic neuroradiology, surgical procedures and related neurosciences*
Salem, M. M., Kelmer, P., Sioutas, G. S., Ostmeier, S., Hoang, A., Cortez, G., El Naamani, K., Abbas, R., Hanel, R., Tanweer, O., Srinivasan, V. M., Jabbour, P., Kan, et al
2024: 15910199241246135
- **Random expert sampling for deep learning segmentation of acute ischemic stroke on non-contrast CT.** *Journal of neurointerventional surgery*
Ostmeier, S., Axelrod, B., Liu, Y., Yu, Y., Jiang, B., Yuen, N., Pulli, B., Verhaaren, B. F., Kaka, H., Wintermark, M., Michel, P., Mahammedi, A., Federau, et al
2024
- **Non-inferiority of deep learning ischemic stroke segmentation on non-contrast CT within 16-hours compared to expert neuroradiologists.** *Scientific reports*
Ostmeier, S., Axelrod, B., Verhaaren, B. F., Christensen, S., Mahammedi, A., Liu, Y., Pulli, B., Li, L., Zaharchuk, G., Heit, J. J.
2023; 13 (1): 16153
- **USE-Evaluator: Performance metrics for medical image segmentation models supervised by uncertain, small or empty reference annotations in neuroimaging.** *Medical image analysis*
Ostmeier, S., Axelrod, B., Isensee, F., Bertels, J., Mlynash, M., Christensen, S., Lansberg, M. G., Albers, G. W., Sheth, R., Verhaaren, B. F., Mahammedi, A., Li, L., Zaharchuk, et al
2023; 90: 102927
- **Functional Outcome Prediction in Acute Ischemic Stroke Using a Fused Imaging and Clinical Deep Learning Model.** *Stroke*
Liu, Y., Yu, Y., Ouyang, J., Jiang, B., Yang, G., Ostmeier, S., Wintermark, M., Michel, P., Liebeskind, D. S., Lansberg, M. G., Albers, G. W., Zaharchuk, G.
2023
- **Prediction of delayed cerebral ischemia after cerebral aneurysm rupture using explainable machine learning approach.** *Interventional neuroradiology : journal of peritherapeutic neuroradiology, surgical procedures and related neurosciences*
Taghavi, R. M., Zhu, G., Wintermark, M., Kuraitis, G. M., Sussman, E. S., Pulli, B., Biniam, B., Ostmeier, S., Steinberg, G. K., Heit, J. J.
2023: 15910199231170411
- **Iodine concentration of healthy lymph nodes of the neck, axilla and groin in Dual Energy Computed Tomography**
Ostmeier, S.
Technical University Munich.2022

- **Iodine concentration of healthy lymph nodes of neck, axilla, and groin in dual-energy computed tomography** *ACTA RADIOLOGICA*
Sauter, A. P., Ostmeier, S., Nadjiri, J., Deniffel, D., Rummeny, E. J., Pfeiffer, D.
2020; 61 (11): 1505-1511