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Bio

STANFORD ADVISORS

- Sean Mackey, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **SCIseg: Automatic Segmentation of Intramedullary Lesions in Spinal Cord Injury on T2-weighted MRI Scans.** *Radiology. Artificial intelligence*
Naga Karthik, E., Valošek, J., Smith, A. C., Pfyffer, D., Schading-Sassenhausen, S., Farner, L., Weber, K. A., Freund, P., Cohen-Adad, J.
2024: e240005
- **Extent of traumatic spinal cord injury is lesion level dependent and predictive of recovery: a multicenter neuroimaging study.** *Journal of neurotrauma*
Schading-Sassenhausen, S., Pfyffer, D., Farner, L., Grillhösl, A., Mach, O., Maier, D., Grassner, L., Leister, I., Curt, A., Freund, P.
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- **Prognostic value of tissue bridges in cervical spinal cord injury: a longitudinal, multicentre, retrospective cohort study.** *The Lancet. Neurology*
Pfyffer, D., Smith, A. C., Weber, K. A., Grillhoesl, A., Mach, O., Draganich, C., Berliner, J. C., Tefertiller, C., Leister, I., Maier, D., Schwab, J. M., Thompson, A., Curt, et al
2024
- **Potential thresholds of critically increased cardiac-related spinal cord motion in degenerative cervical myelopathy.** *Frontiers in neurology*
Pfender, N., Jutzeler, C. R., Hubli, M., Scheuren, P. S., Pfyffer, D., Zipser, C. M., Rosner, J., Friedl, S., Sutter, R., Spirig, J. M., Betz, M., Schubert, M., Seif, et al
2024; 15: 1411182
- **SCIseg: Automatic Segmentation of T2-weighted Intramedullary Lesions in Spinal Cord Injury.** *medRxiv : the preprint server for health sciences*
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- **Exploring Neuronal Underpinnings of Emotional Regulation of Pain in Fibromyalgia Patients**
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CHURCHILL LIVINGSTONE.2024: 47
- **Imaging Corticospinal Correlates of Aberrant Pain Processing and Modulation in Fibromyalgia Using Combined Brain-Spinal Cord Functional Magnetic Resonance Imaging**
Pfyffer, D., Kaptan, M., Law, C. W., Weber, K. A., Oliva, V., Bedard, S., Maronesy, T., Glover, G. H., Mackey, S.
CHURCHILL LIVINGSTONE.2024: 47-48
- **Recent developments and future avenues for human corticospinal neuroimaging.** *Frontiers in human neuroscience*
Kaptan, M., Pfyffer, D., Konstantopoulos, C. G., Law, C. S., Weber, K. A., Glover, G. H., Mackey, S.
2024; 18: 1339881
- **Longitudinal motor system changes from acute to chronic spinal cord injury.** *European journal of neurology*

Emmenegger, T. M., Pfyffer, D., Curt, A., Schading-Sassenhausen, S., Hupp, M., Ashburner, J., Friston, K., Weiskopf, N., Thompson, A., Freund, P.
2024: e16196

- **Exploring Corticospinal Functional Connectome Using Resting-State Functional Magnetic Resonance Imaging**

Kaptan, M., Law, C. W., Weber, K., Pfyffer, D., Zhang, X., Maronesy, T., Glover, G., Mackey, S.
CHURCHILL LIVINGSTONE.2023: 17-18

- **Imaging Noxious Thermal Intensity Encoding Along The Neuraxis Using Simultaneous Spinal Cord-Brain Functional Magnetic Resonance Imaging**

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