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- Resident in Adult Neurology
- Affiliate, Department Funds

Publications

PUBLICATIONS

- **Advances in LLM Reasoning Enable Flexibility in Clinical Problem-Solving.** *AMIA Joint Summits on Translational Science proceedings. AMIA Joint Summits on Translational Science*
Shidara, K., Prem, P., Kim, J., Podlasek, A., Liu, F., Alaa, A., Bernardo, D.
2026; 2026: 428-437
- **Advances in LLM Reasoning Enable Flexibility in Clinical Problem-Solving.** *AMIA Joint Summits on Translational Science proceedings. AMIA Joint Summits on Translational Science*
Shidara, K., Prem, P., Kim, J., Podlasek, A., Liu, F., Alaa, A., Bernardo, D.
2026; 2026: 428-437
- **Limitations of large language models in clinical problem-solving arising from inflexible reasoning.** *Scientific reports*
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- **Short-horizon neonatal seizure prediction using EEG-based deep learning.** *PLOS digital health*
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- **Machine learning for forecasting initial seizure onset in neonatal hypoxic-ischemic encephalopathy.** *Epilepsia*
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- **Statistical Considerations and Tools to Improve Histopathologic Protocols with Spectroscopic Imaging.** *Applied spectroscopy*
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- **The Slip-Pad: A Haptic Display Using Interleaved Belts to Simulate Lateral and Rotational Slip**
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- **Microparticle trapping in an ultrasonic Bessel beam.** *Applied physics letters*
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