

Stanford

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Masters Student in Biomedical Informatics, admitted Autumn 2020

Publications

PUBLICATIONS

- **Comparison of Deep Learning and Classical Machine Learning Algorithms to Predict Post-operative Outcomes for Anterior Cervical Discectomy and Fusion Procedures with State-of-the-art Performance.** *Spine*
Rodrigues, A. J., Schonfeld, E., Varshneya, K., Stienen, M. N., Staartjes, V. E., Jin, M. C., Veeravagu, A.
2022
- **Chronic opioid use prior to ACDF surgery is associated with inferior post-operative outcomes: a propensity-matched study of 17,443 chronic opioid users.** *World neurosurgery*
Rodrigues, A. J., Varshneya, K., Schonfeld, E., Malhotra, S., Stienen, M. N., Veeravagu, A.
2022
- **Vertebrae segmentation in reduced radiation CT imaging for augmented reality applications.** *International journal of computer assisted radiology and surgery*
Schonfeld, E., de Lotbiniere-Bassett, M., Jansen, T., Anthony, D., Veeravagu, A.
1800
- **Autocatalytic-protection for an unknown locus CRISPR-Cas countermeasure for undesired mutagenic chain reactions.** *Journal of theoretical biology*
Schonfeld, E., Schonfeld, E., Schonfeld, D.
2021; 528: 110831
- **On the relation of gene essentiality to intron structure: a computational and deep learning approach** *LIFE SCIENCE ALLIANCE*
Schonfeld, E., Vendrow, E., Vendrow, J., Schonfeld, E.
2021; 4 (6)
- **Lateralized Deficits in Motor, Sensory, and Olfactory Domains in Dementia** *JOURNAL OF ALZHEIMERS DISEASE*
Schonfeld, E., Schonfeld, E., Aman, C., Gill, N., Kim, D., Rabin, S., Shamshuddin, B., Sealey, L., Senno, R.
2021; 79 (3): 1033-1040
- **OnabotulinumtoxinA injections: treatment of reversible cerebral vasoconstriction syndrome chronic daily headaches** *BMJ CASE REPORTS*
Senno, R., Schonfeld, E., Nagar, C.
2019; 12 (5)