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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*  
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- **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*  
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- **Vertebrae segmentation in reduced radiation CT imaging for augmented reality applications.** *International journal of computer assisted radiology and surgery*  
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- **Autocatalytic-protection for an unknown locus CRISPR-Cas countermeasure for undesired mutagenic chain reactions.** *Journal of theoretical biology*  
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- **On the relation of gene essentiality to intron structure: a computational and deep learning approach** *LIFE SCIENCE ALLIANCE*  
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- **Lateralized Deficits in Motor, Sensory, and Olfactory Domains in Dementia** *JOURNAL OF ALZHEIMERS DISEASE*  
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- **OnabotulinumtoxinA injections: treatment of reversible cerebral vasoconstriction syndrome chronic daily headaches** *BMJ CASE REPORTS*  
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