

# Stanford

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## Okyaz Eminaga

Temp - Non-Exempt, Anesthesia

### Publications

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#### PUBLICATIONS

- **Critical evaluation of artificial intelligence as a digital twin of pathologists for prostate cancer pathology.** *Scientific reports*  
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- **Tumor detection under cystoscopy with transformer-augmented deep learning algorithm.** *Physics in medicine and biology*  
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- **Real-time Detection of Bladder Cancer Using Augmented Cystoscopy with Deep Learning: a Pilot Study.** *Journal of endourology*  
Chang, T. C., Shkolyar, E., Del Giudice, F., Eminaga, O., Lee, T., Laurie, M., Seufert, C., Jia, X., Mach, K. E., Xing, L., Liao, J. C.  
2023
- **Long-term Course for Patients with Prostate Cancer** *ONKOLOGIE*  
Hartmann, M. M., Eminaga, O., Alakus, H.  
2023
- **Conceptual Framework and Documentation Standards of Cystoscopic Media Content for Artificial Intelligence.** *Journal of biomedical informatics*  
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- **PlexusNet: A neural network architectural concept for medical image classification.** *Computers in biology and medicine*  
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- **Potential of educational cystoscopy atlas for augmented intelligence**  
Eminaga, O., Laurie, M., Lee, T., Jia, X., Liao, J. C.  
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- **Flat lesion detection of white light cystoscopy with deep learning**  
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- **Sequential modeling for cystoscopic image classification**  
Laurie, M., Eminaga, O., Shkolyar, E., Jia, X., Lee, T., Long, J., Islam, M., Lau, H., Xing, L., Liao, J. C.  
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- **An Efficient Framework for Video Documentation of Bladder Lesions for Cystoscopy: A Proof-of-Concept Study.** *Journal of medical systems*  
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2022; 46 (11): 73

- **Artificial Intelligence-Based Prognostic Model for Urologic Cancers: A SEER-Based Study.** *Cancers*  
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2022; 14 (13)
- **Current Trends in Artificial Intelligence Application for Endourology and Robotic Surgery.** *The Urologic clinics of North America*  
Chang, T. C., Seufert, C., Eminaga, O., Shkolyar, E., Hu, J. C., Liao, J. C.  
2021; 48 (1): 151–60
- **Specific spatial distribution patterns of tumor foci are associated with a low risk of biochemical recurrence in pT2pN0R0 prostate cancer.** *World journal of urology*  
Eminaga, O., Abbas, M., Bettendorf, O., Semjonow, A.  
2020
- **Detection of prostate cancer and determination of its significance using explainable artificial intelligence.**  
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- **A prognostic score for overall survival in patients treated with abiraterone in the pre- and post-chemotherapy setting.** *Oncotarget*  
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- **MUC1 Expression by Immunohistochemistry Is Associated with Adverse Pathologic Features in Prostate Cancer: A Multi-Institutional Study** *PLOS ONE*  
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- **Analysis of topographical distribution of prostate cancer and related pathological findings in prostatectomy specimens using cMDX document architecture.** *JOURNAL OF BIOMEDICAL INFORMATICS*  
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● **Preoperative Serum Prostate-Specific Antigen Levels Vary According to the Topographical Distribution of Prostate Cancer in Prostatectomy Specimens** *UROLOGY*

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