

## Haiwen Gui

- Affiliate, Department Funds
- Resident in Dermatology

### Publications

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#### PUBLICATIONS

- **Red teaming ChatGPT in medicine to yield real-world insights on model behavior.** *NPJ digital medicine*  
Chang, C. T., Farah, H., Gui, H., Rezaei, S. J., Bou-Khalil, C., Park, Y. J., Swaminathan, A., Omiye, J. A., Kolluri, A., Chaurasia, A., Lozano, A., Heiman, A., Jia, et al  
2025; 8 (1): 149
- **Strategies to improve access to photoprotection and sun safety for diverse socioeconomic communities.** *Archives of dermatological research*  
Gui, H., Jia, J. L., Nord, K. M.  
2024; 316 (8): 597
- **Ensuring Equitable Use of Artificial Intelligence Mentorship Tools in Dermatology.** *Academic medicine : journal of the Association of American Medical Colleges*  
Gui, H., Jia, J. L.  
2024
- **Dermatology Physician Supply by County-Level Characteristics, 2010-2020.** *The Journal of investigative dermatology*  
Gui, H., Bae, G. H.  
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- **Single-Lesion Skin Cancer Risk Stratification Triage Pathway.** *JAMA dermatology*  
Chen, Y., Gui, H., Yao, H., Adu-Brimpong, J., Javitz, S., Golovko, V., Ko, J., Daneshjou, R., Chiou, A. S.  
2024
- **Dermatologists' perspectives and usage of large language models in practice- an exploratory survey.** *The Journal of investigative dermatology*  
Gui, H., Rezaei, S. J., Schlessinger, D., Weed, J., Lester, J., Wongvibulsin, S., Mitchell, D., Ko, J., Rotemberg, V., Lee, I., Daneshjou, R.  
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- **The Promises and Perils of Foundation Models in Dermatology.** *The Journal of investigative dermatology*  
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- **Large Language Models in Medicine: The Potentials and Pitfalls : A Narrative Review.** *Annals of internal medicine*  
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- **Principles, applications, and future of artificial intelligence in dermatology.** *Frontiers in medicine*  
Omiye, J. A., Gui, H., Daneshjou, R., Cai, Z. R., Muralidharan, V.  
2023; 10: 1278232
- **Real-world agreement of same-visit Tono-Pen vs Goldmann applanation intraocular pressure measurements using electronic health records.** *Heliyon*  
Gui, H., Zhang, Y., Chang, R. T., Wang, S. Y.  
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- **Real-World Agreement of Same-Visit Tono-Pen Versus Goldmann Applanation Intraocular Pressure Measurements Using Electronic Health Records at an Academic Medical Center**  
Zhang, Y., Gui, H., Chang, R., Wang, S. Y.  
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2023
- **Prevalence of Contact Allergens in Natural Skin Care Products From US Commercial Retailers.** *JAMA dermatology*  
Young, P. A., Gui, H., Bae, G. H.  
2022
- **Fatty Acid Synthesis Knockdown Promotes Biofilm Wrinkling and Inhibits Sporulation in *Bacillus subtilis*.** *mBio*  
Arjes, H. A., Gui, H., Porter, R., Atolia, E., Peters, J. M., Gross, C., Kearns, D. B., Huang, K. C.  
2022: e0138822
- **New-onset pemphigus vegetans and pemphigus foliaceus following SARS-CoV-2 vaccination: a case series.** *JAAD case reports*  
Gui, H., Young, P. A., Sox, J., Pol-Rodriguez, M., Rieger, K. E., Lewis, M. A., Winge, M. C., Bae, G. H.  
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- **Explaining Deep Learning Models for Low Vision Prognosis**  
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- **Looking for low vision: Predicting visual prognosis by fusing structured and free-text data from electronic health records.** *International journal of medical informatics*  
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- **Types of information that patients with lung cancer with targetable driver mutations and their caregivers learn from online forums: Results of a qualitative study**  
Petrillo, L. A., Zhou, A., Gui, H., Sommer, R., Lin, J., Nipp, R., Traeger, L., Greer, J. A., Temel, J. S.  
LIPPINCOTT WILLIAMS & WILKINS.2021
- **Three-dimensional biofilm colony growth supports a mutualism involving matrix and nutrient sharing.** *eLife*  
Arjes, H. A., Willis, L., Gui, H., Xiao, Y., Peters, J., Gross, C., Huang, K. C.  
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