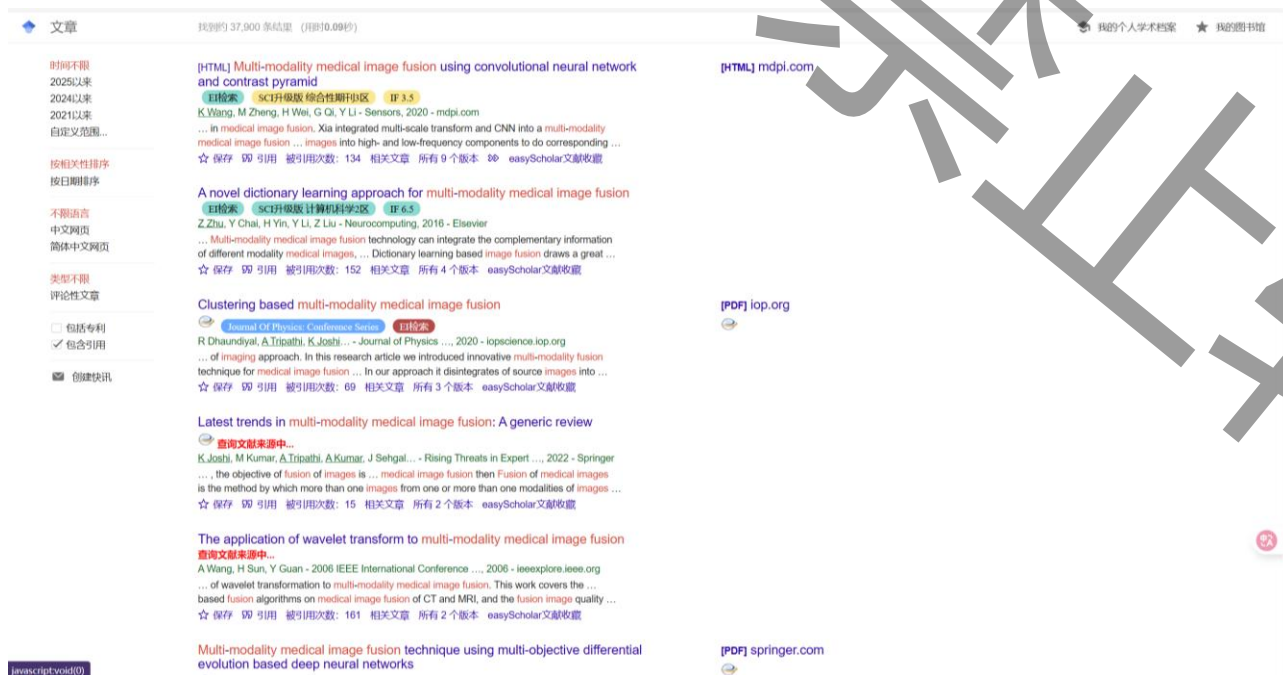


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[HTML] Multi-modality medical image fusion using convolutional neural network and contrast pyramid  
K.Y.Wang, M. Zheng, H. Wei, G. Qi, Y. Li - Sensors, 2020 - mdpi.com  
... in medical image fusion, Xia integrated multi-scale transform and CNN into a multi-modality medical image fusion ... images into high- and low-frequency components to do corresponding ...  
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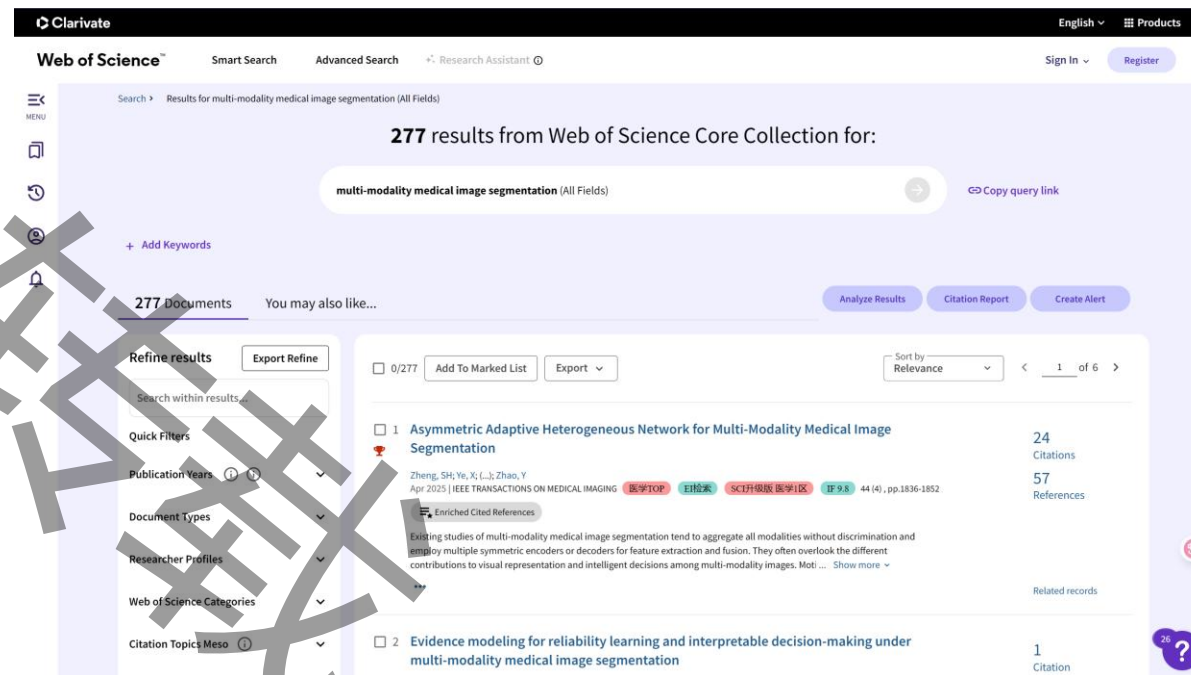
A novel dictionary learning approach for multi-modality medical image fusion  
Z.Zhu, Y. Chai, H. Yin, Y. Li, Z. Liu - Neurocomputing, 2016 - Elsevier  
... Multi-modality medical image fusion technology can integrate the complementary information of different modality medical images, ... Dictionary learning based image fusion draws a great ...  
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Clustering based multi-modality medical image fusion  
R. Dhandrayyal, A. Tripathi, K. Joshi, ... - Journal of Physics ..., 2020 - iopscience.iop.org  
... of imaging approach. In this research article we introduced innovative multi-modality fusion technique for medical image fusion ... In our approach it disintegrates of source images into ...  
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Latest trends in multi-modality medical image fusion: A generic review  
K. Joshi, M. Kumar, A. Tripathi, A. Kumar, J. Sehgal, ... - Rising Threats in Expert ..., 2022 - Springer  
... the objective of fusion of images is ... medical image fusion then Fusion of medical images is the method by which more than one images from one or more than one modalities of images ...  
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The application of wavelet transform to multi-modality medical image fusion  
A. Wang, H. Sun, Y. Guan - 2006 IEEE International Conference ..., 2006 - ieeexplore.ieee.org  
... of wavelet transformation to multi-modality medical image fusion. This work covers the ... based fusion algorithms on medical image fusion of CT and MRI, and the fusion image quality ...  
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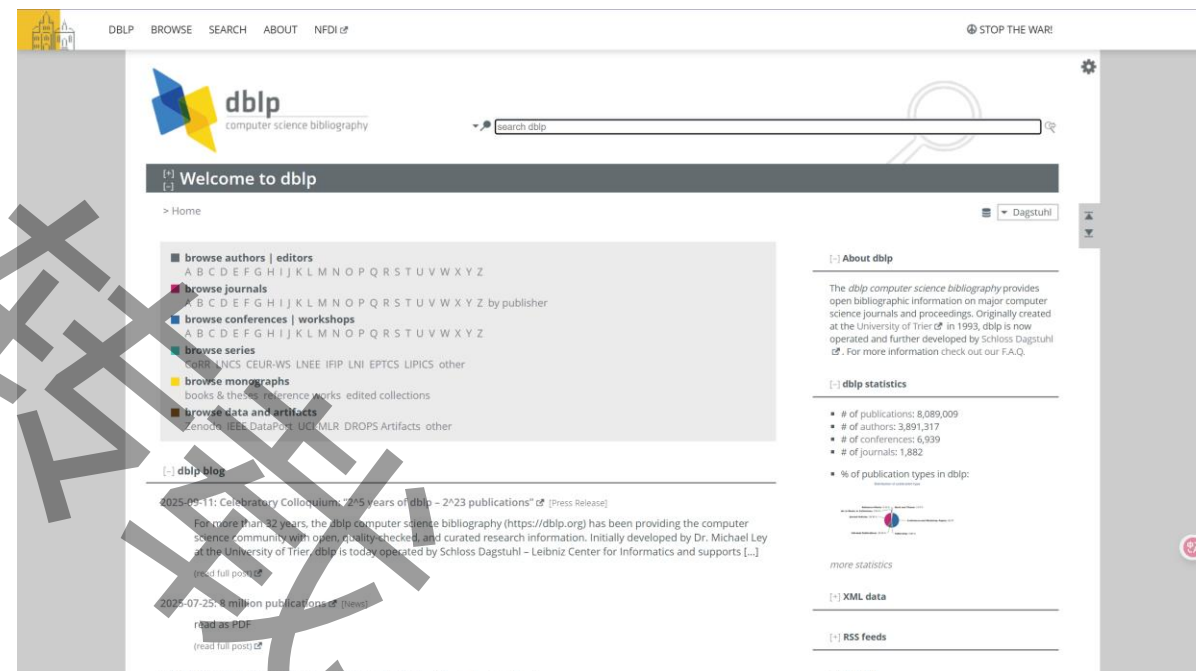
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1 Asymmetric Adaptive Heterogeneous Network for Multi-Modality Medical Image Segmentation  
Zheng, SH; Ye, X; Zhao, Y  
Apr 2025 | IEEE TRANSACTIONS ON MEDICAL IMAGING 医学TOP 检索 SSCI升级版 医学I区 IF 9.8 44 (4), pp.1836-1852  
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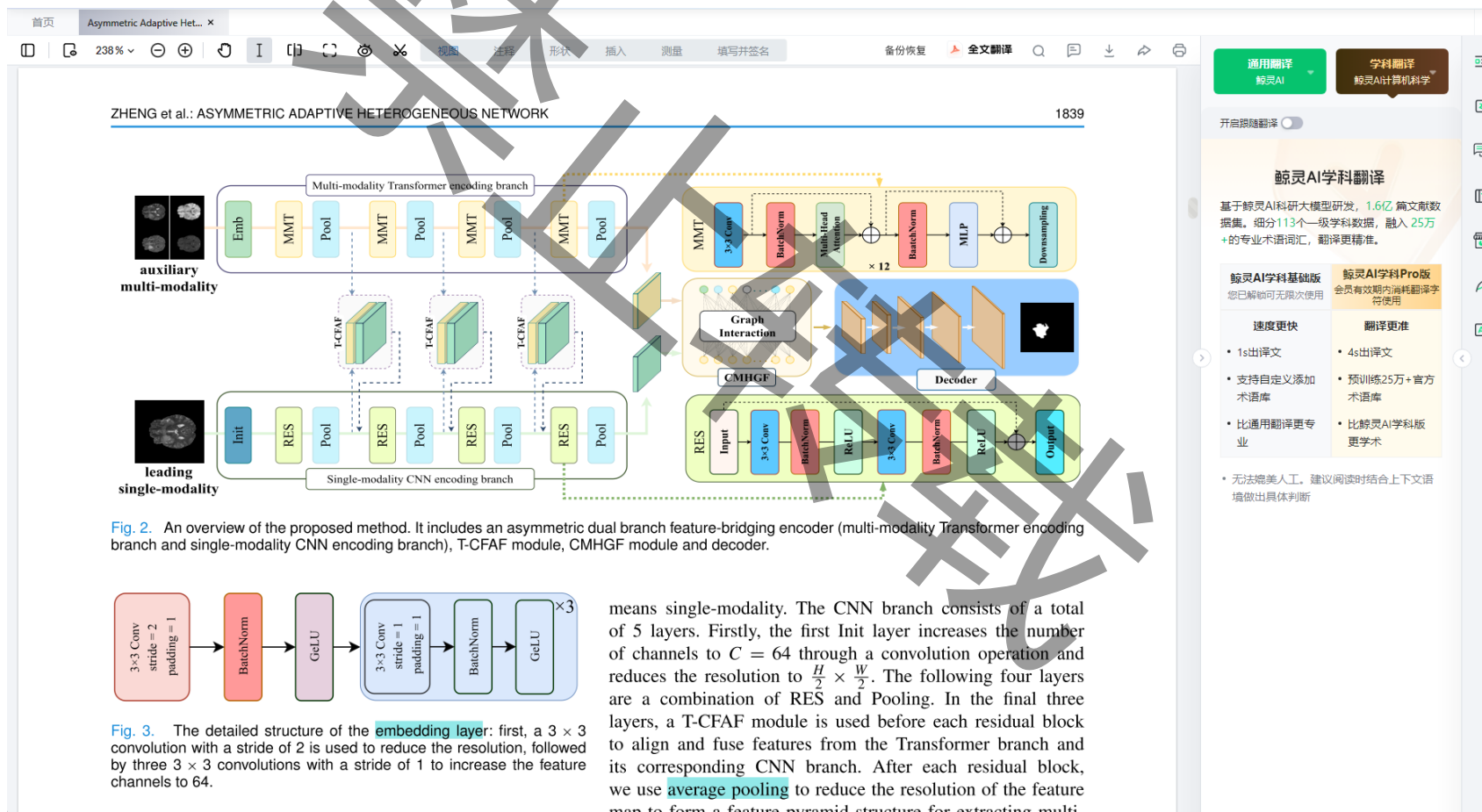
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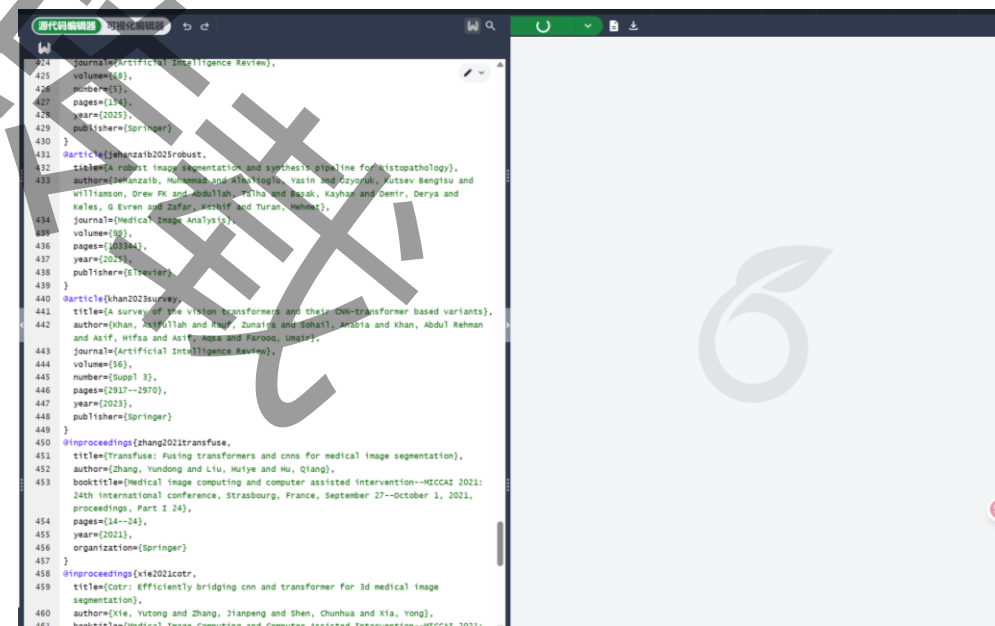
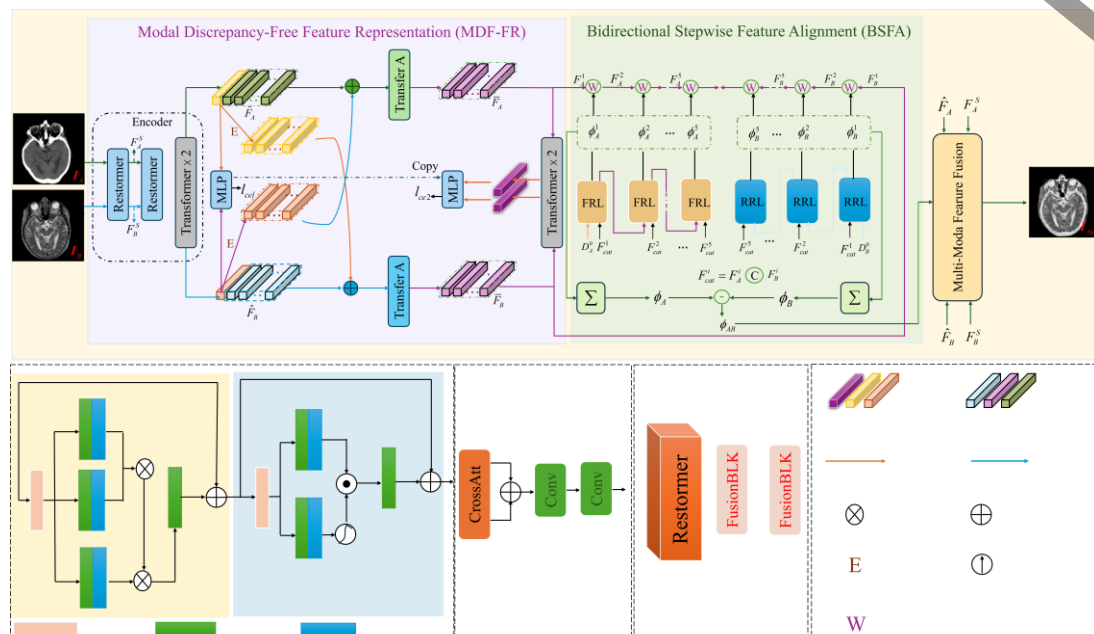


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Github、Python、Pycharm、VS Code

## ➤ 论文写作与画图、数据分析

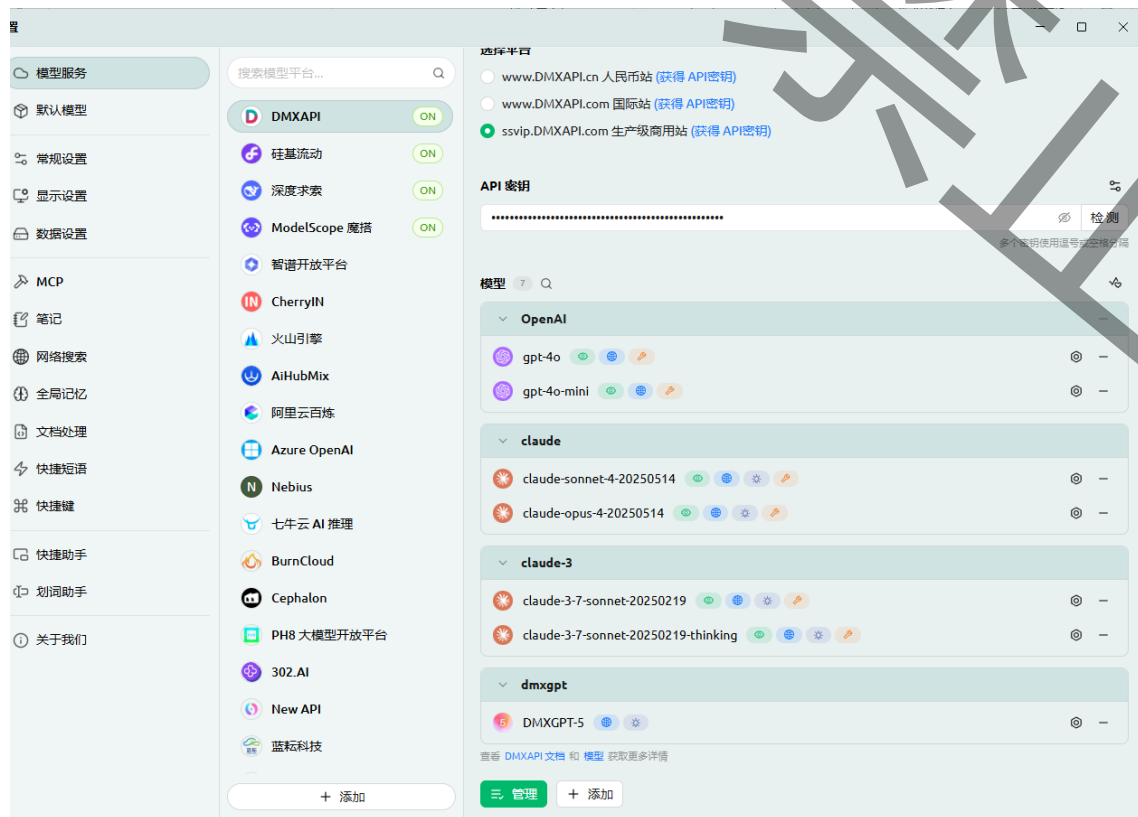
PPT(画图)、Adobe Illustrator、LaTex(本地或在线Overleaf)、Python和Origin(数据分析)



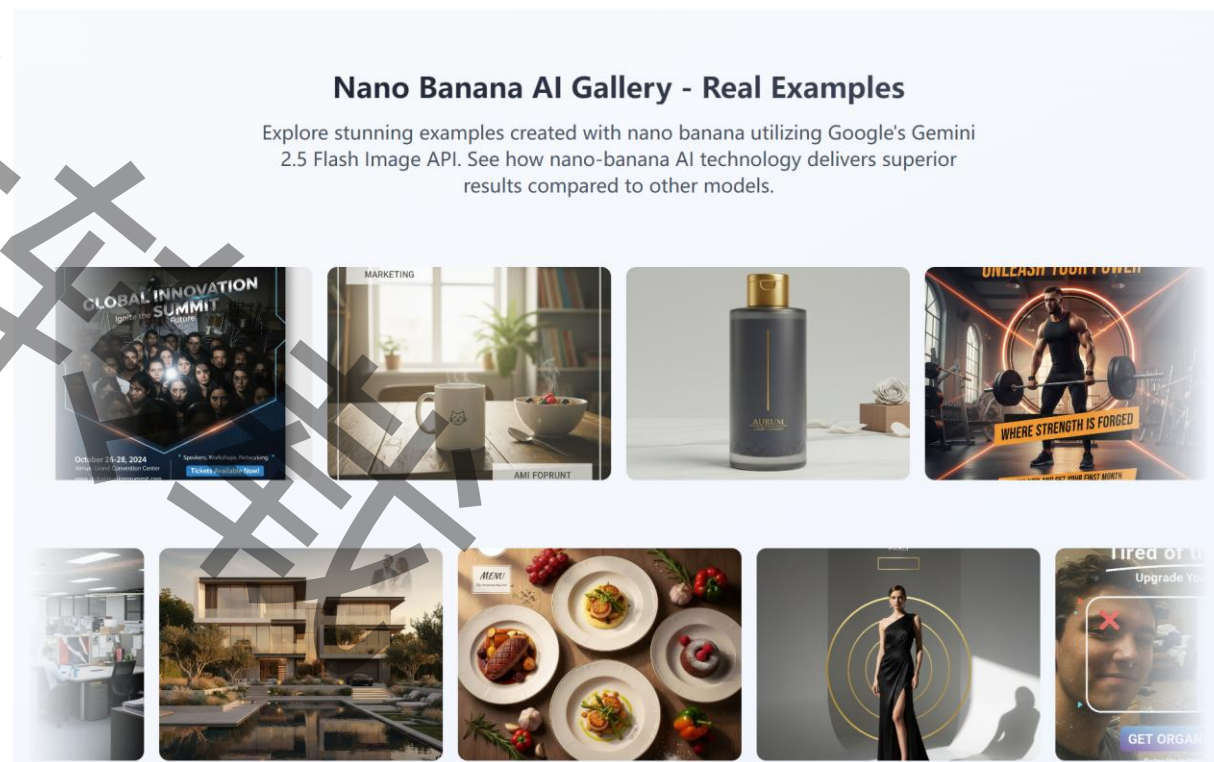


## ➤ 大语言模型

**Claude(代码)、Chat GPT(翻译、润色)、DeepSeek(中文)、Gemini**



**Cherry Studio**




**Nano Banana**

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Multi-modality medical image fusion by edge supervising and multi-scale attention features extraction: W. Mei et al.

 EI检索

 SCI升级版 计算机科学4区

 IF 2.7

W Mei, K He, D Xu, S Xie, Y Zhou - The Journal of Supercomputing, 2025 - Springer

... images such as SPECT and PET typically suffer from low clarity, directly fusing them without proper processing may obscure texture details in the resulting image... medical image fusion, ...

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Entropy-aware dynamic path selection network for multi-modality medical image fusion

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J Qu, D Huang, Y Shi, J Liu, W Tang - Information Fusion, 2025 - Elsevier

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A Dong, J Xu, L Wang - Knowledge-Based Systems, 2025 - Elsevier

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J Qu, D Huang, Y Shi, J Liu, W Tang - Medical & Biological Engineering & ..., 2025 - Springer

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