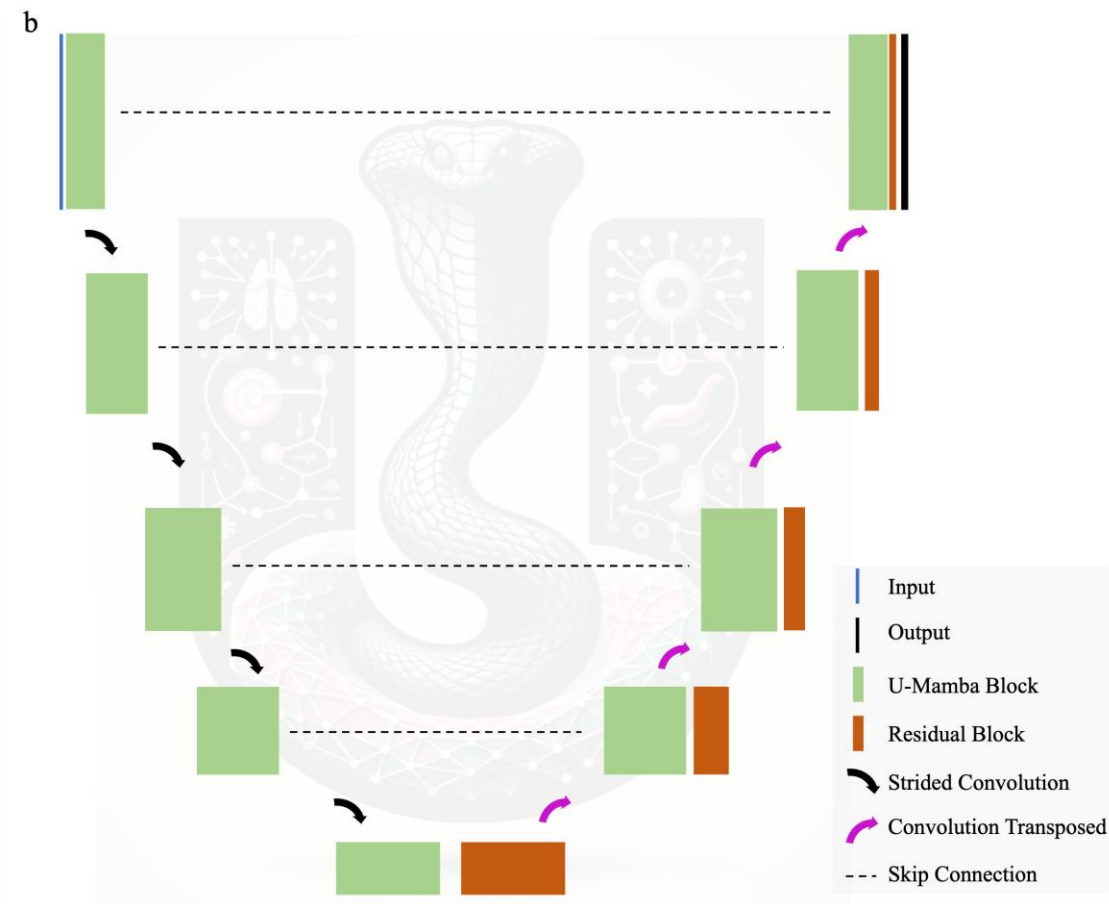
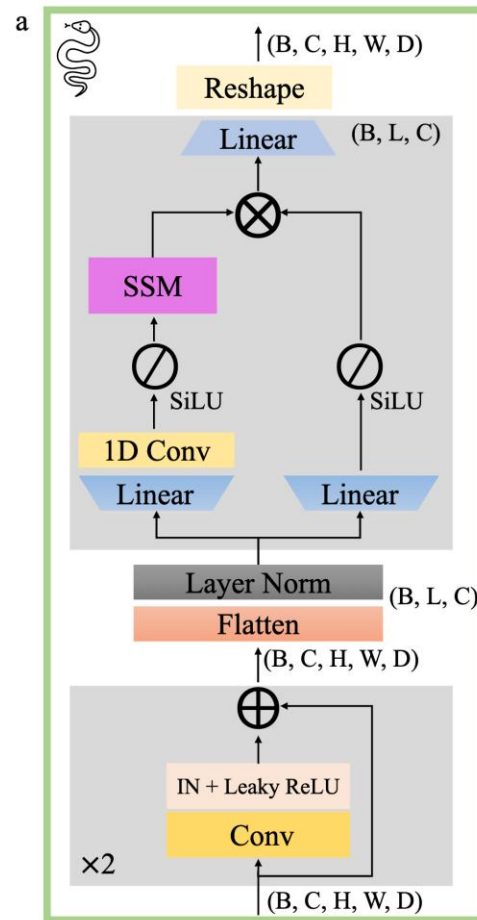


# HUMamba + 双向特征蒸馏

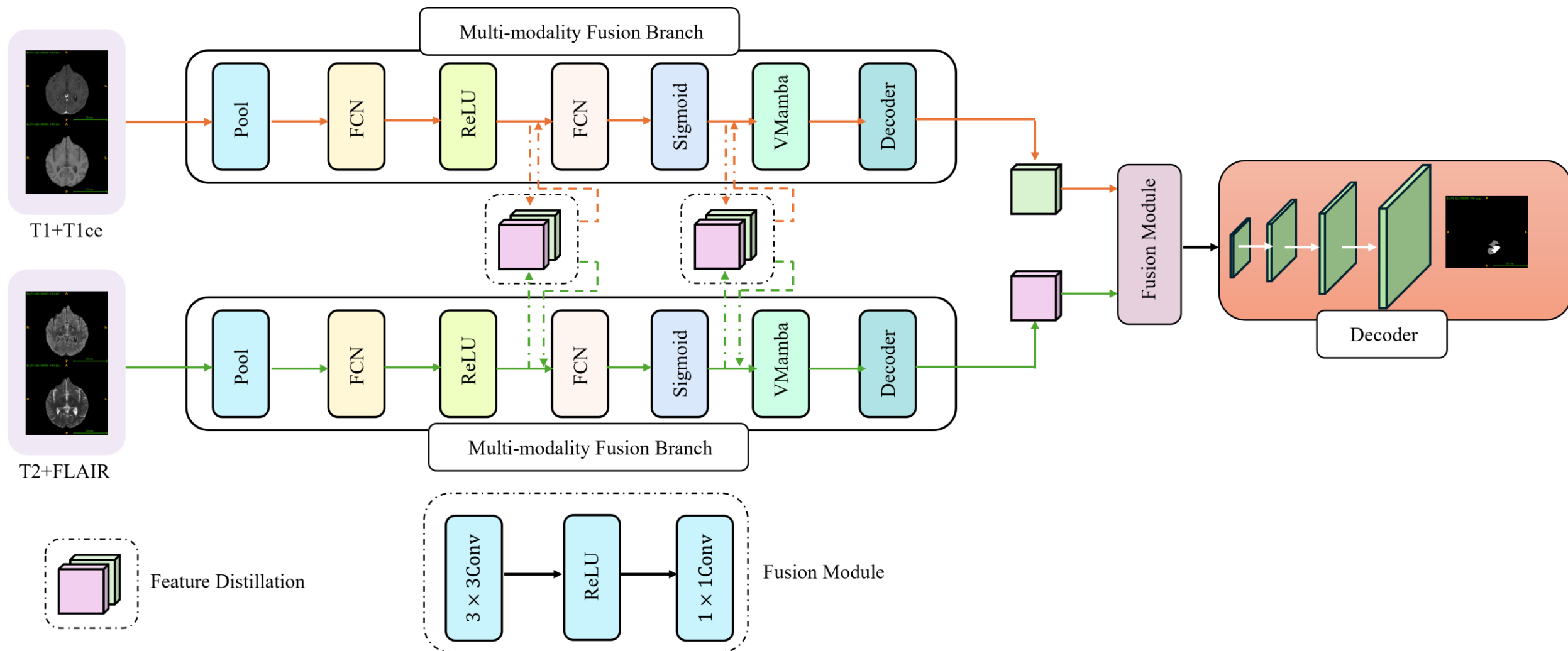


# U-Mamba: Enhancing Long-range Dependency for Biomedical Image Segmentation

- 2024
- 多伦多大学研究人员提出
- Cited: 807 (截至2025.09.17)



# HUMamba + 双向特征蒸馏



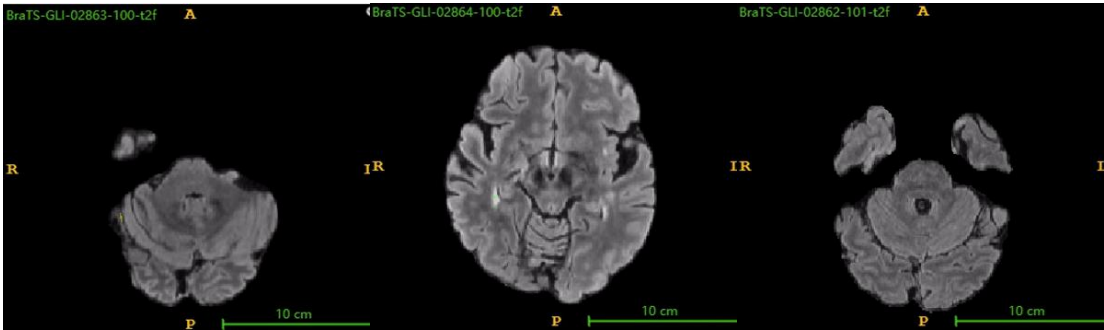
多模态融合太简单!

# HUMamba+双向特征蒸馏

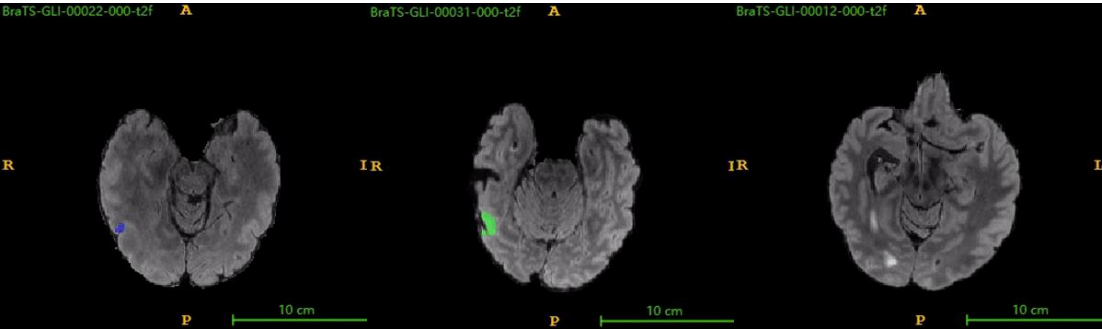
Dataset	Dice $\uparrow$				HD95(mm) $\downarrow$			
	WT	TC	ET	Mean	WT	TC	ET	Mean
BraTS2019	$0.9087 \pm 0.0722$	$0.8266 \pm 0.1813$	$0.6899 \pm 0.2941$	$0.8084 \pm 0.1825$	$4.4106 \pm 5.0706$	$6.0109 \pm 6.5331$	$5.4939 \pm 7.6745$	$5.3051 \pm 6.4261$
BraTS2023	$0.9384 \pm 0.0591$	$0.9119 \pm 0.1357$	$0.8504 \pm 0.1958$	$0.9002 \pm 0.1302$	$3.7357 \pm 7.2066$	$4.2853 \pm 9.2681$	$3.6901 \pm 8.4098$	$3.9037 \pm 8.2948$
BraTS2024	$0.8617 \pm 0.0949$	$0.7693 \pm 0.2169$	$0.5522 \pm 0.3824$	$0.7277 \pm 0.2314$	$5.8670 \pm 11.1514$	$9.0651 \pm 13.1882$	$6.9414 \pm 10.5994$	$7.2912 \pm 11.6463$



BraTS2019



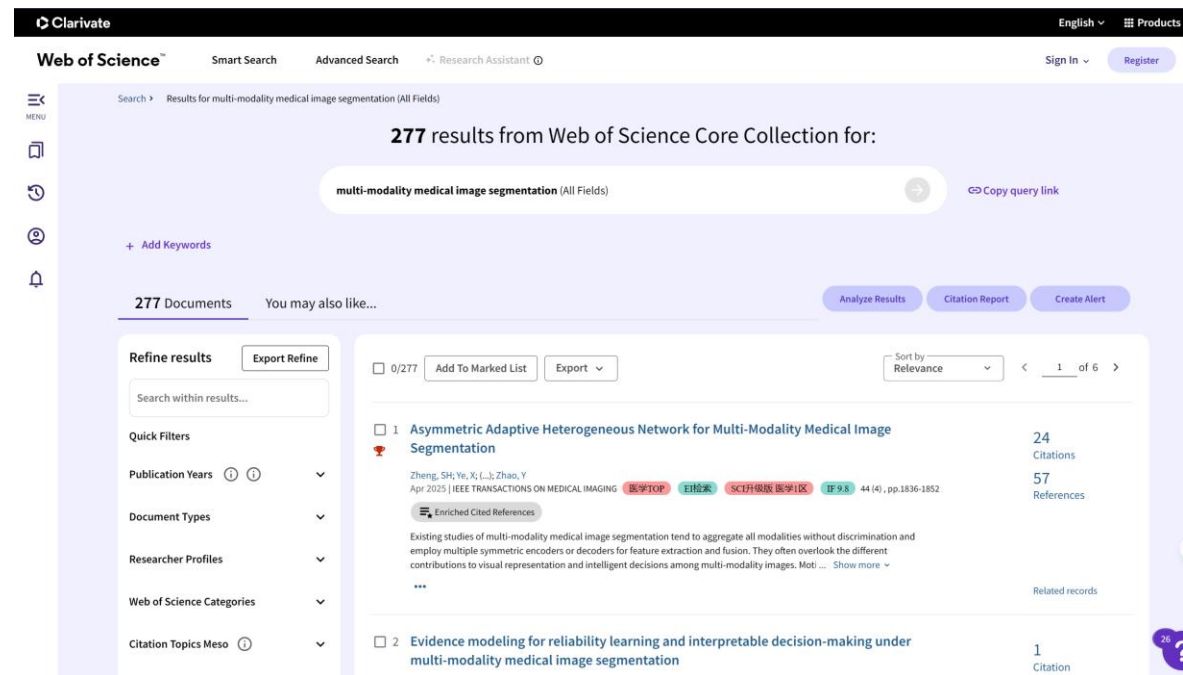
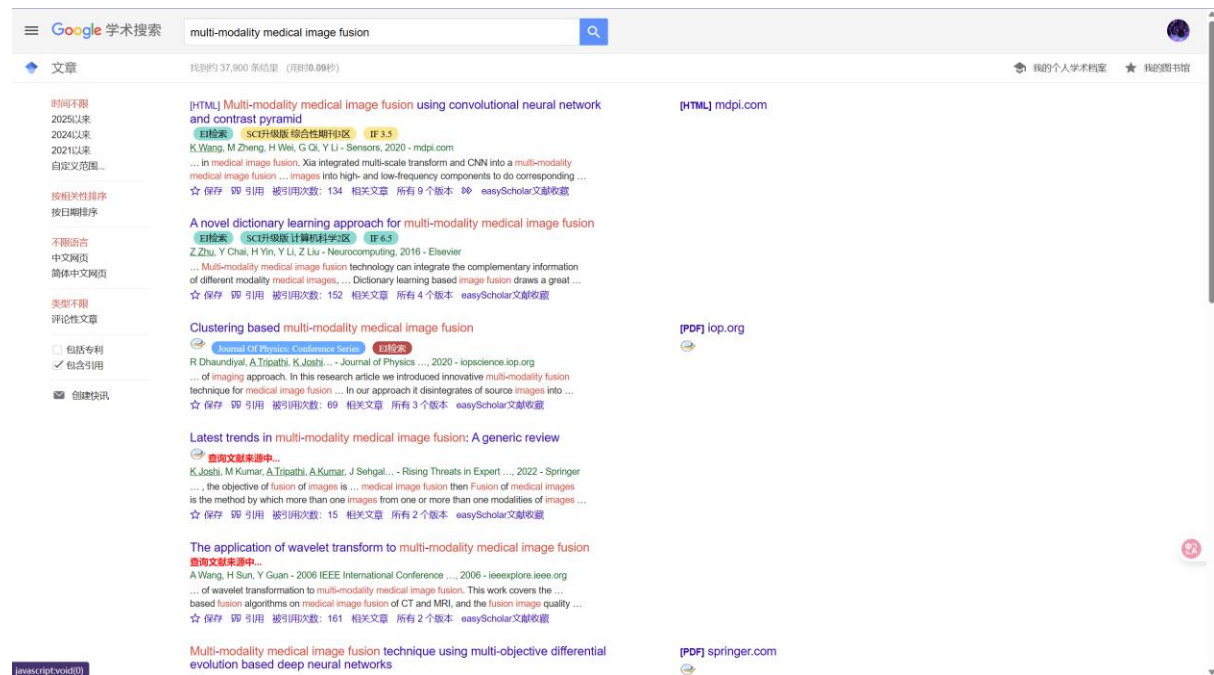
BraTS2024



BraTS2023

## ➤ 检索/下载文献

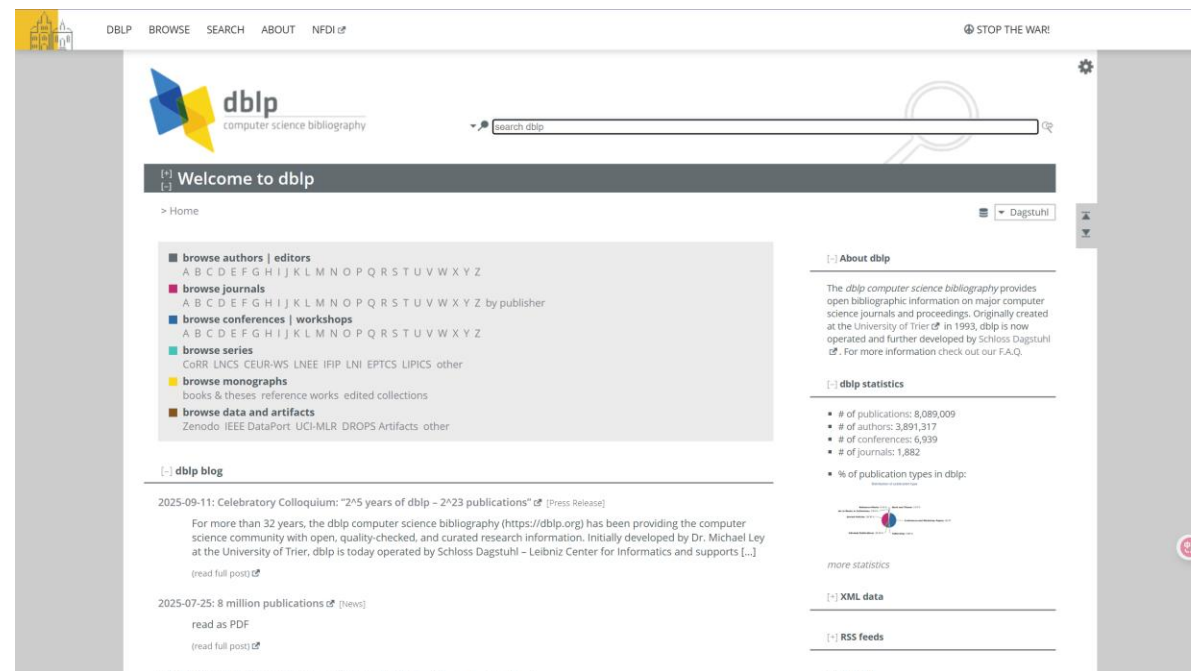
Google Scholar、Web Of Science(校园网)、SPIS学术资源在线(文献求助)、dblp、期刊主页





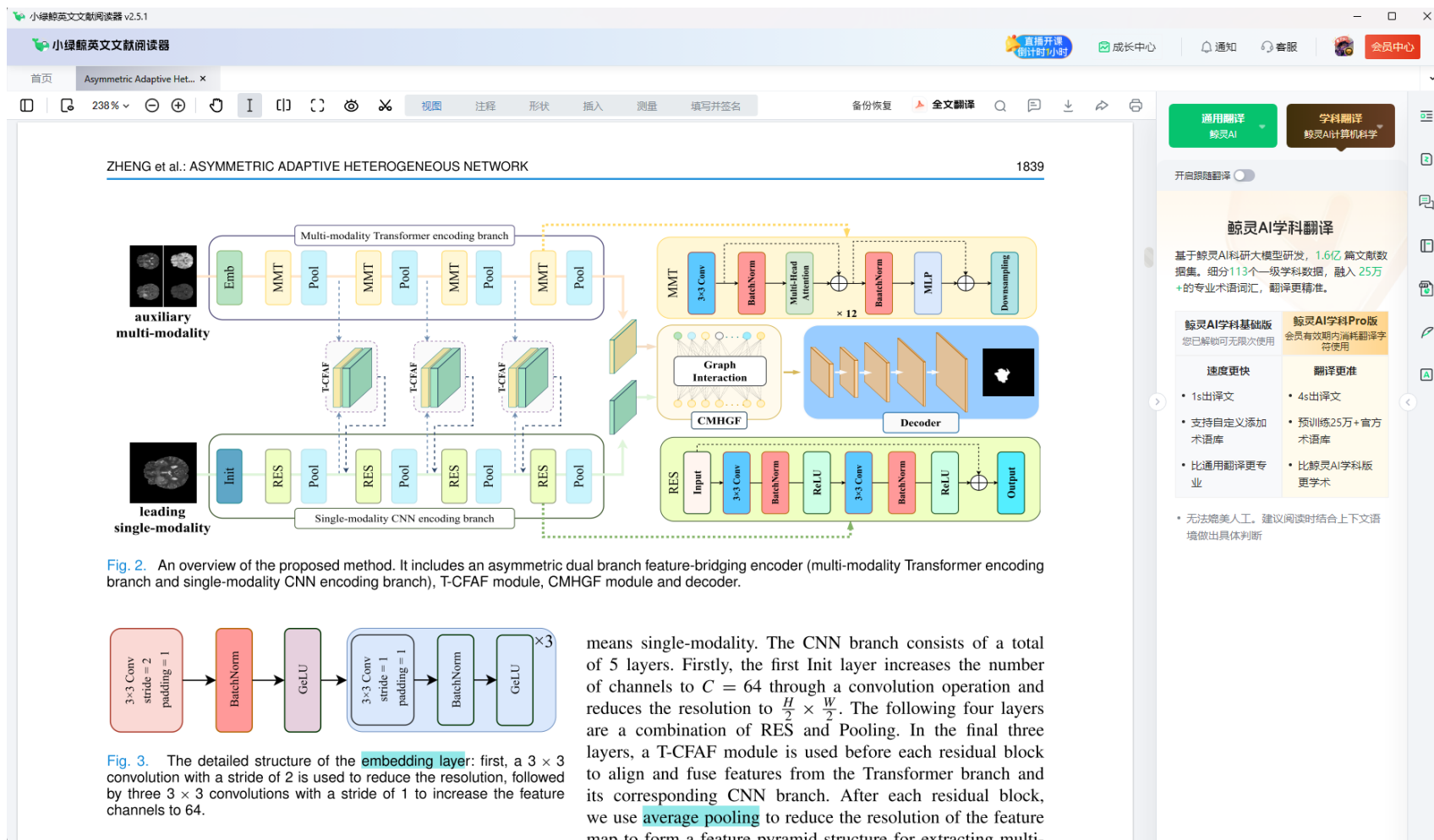
## ➤ 检索/下载文献

Google Scholar、Web Of Science(校园网)、SPIS学术资源在线(文献求助)、dblp、期刊主页



## 文献阅读/文献管理

### 小绿鲸英文文献阅读器

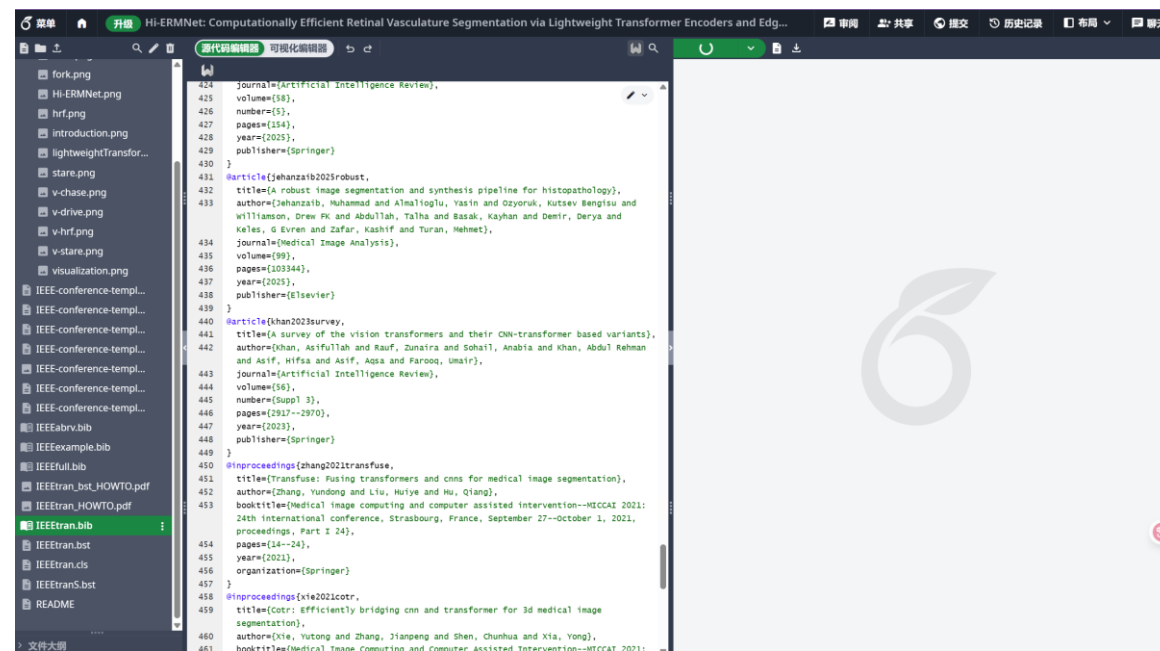
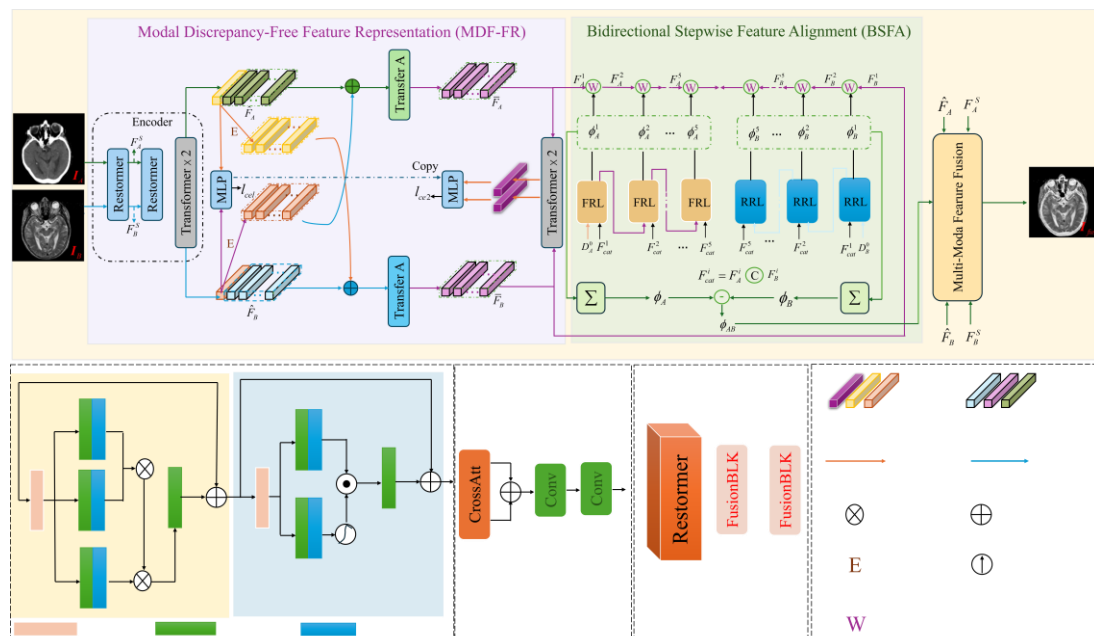


## ➤ 编程与开发

Github、Python、Pycharm、VS Code

## ➤ 论文写作与画图、数据分析

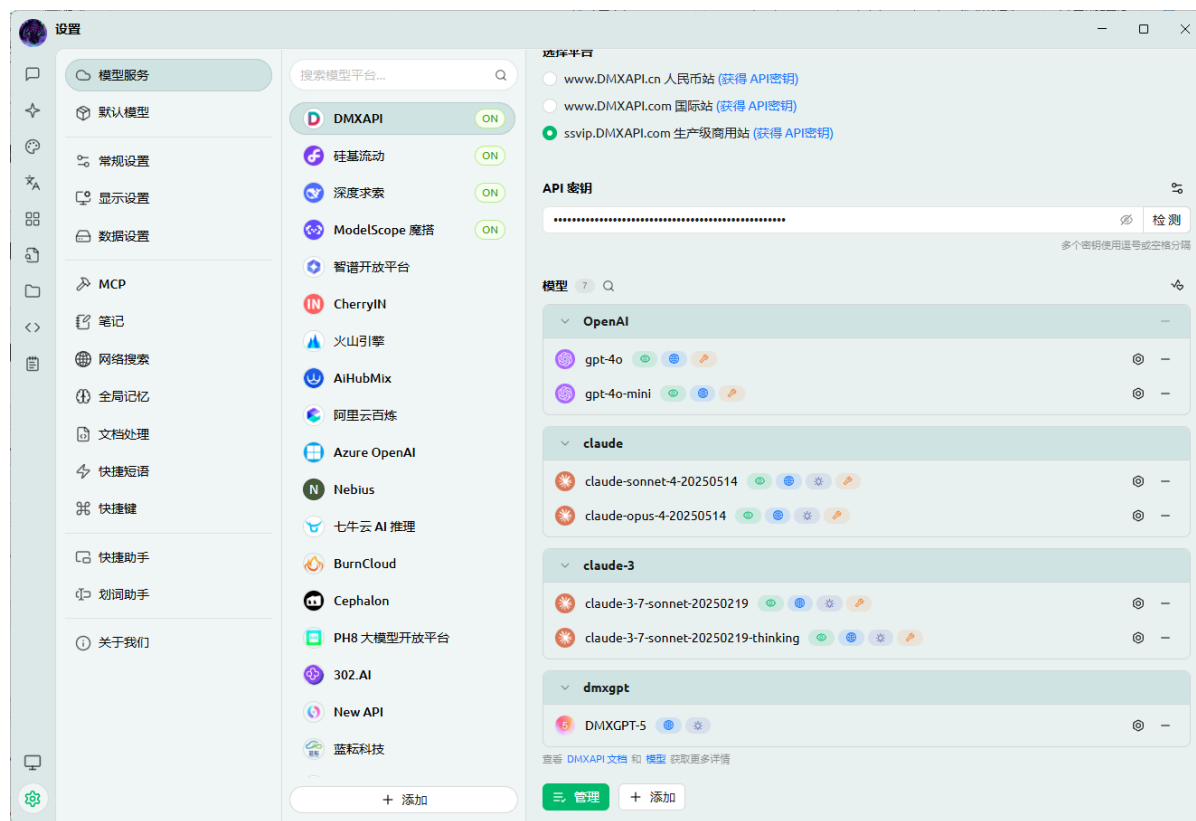
PPT(画图)、Adobe Illustrator、LaTex(本地或在线Overleaf)、Python和Origin(数据分析)





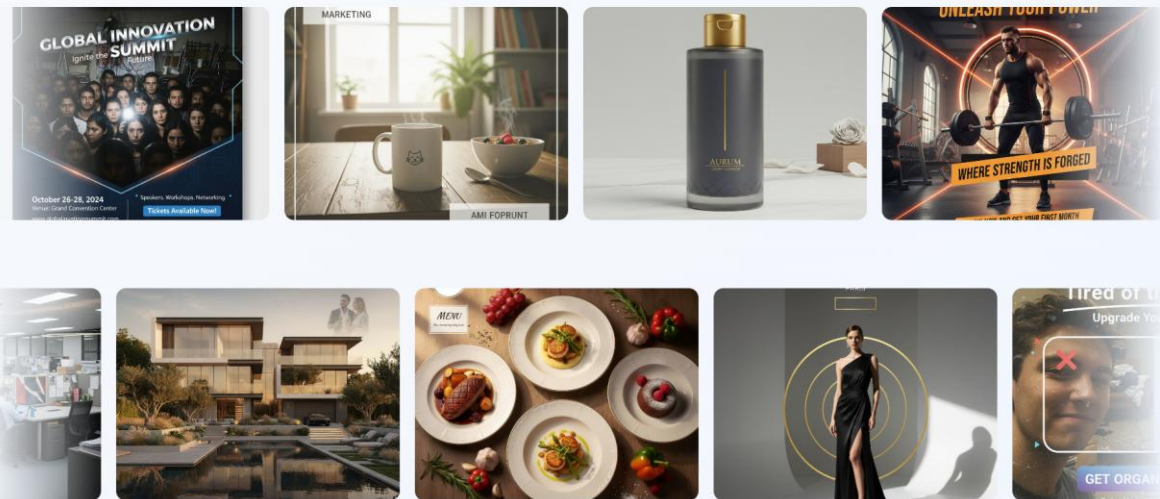
## ➤ 大语言模型

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



## Nano Banana AI Gallery - Real Examples

Explore stunning examples created with nano banana utilizing Google's Gemini 2.5 Flash Image API. See how nano-banana AI technology delivers superior results compared to other models.



**Nano Banana**

➤ 其他

插图配色：ColorSpace、ColorKit ...

公式识别：SimpleTex(高峰期收费)、大语言模型 ...

期刊或会议分区：Letpub、easyScholar(浏览器扩展) ...

☰

Google 学术搜索

multi-modality medical image fusion

🔍

📌 文章

找到约 5,590 条结果 （用时0.08秒）

时间不限

2025以来

2024以来

2021以来

自定义范围...

按相关性排序

按日期排序

不限语言

中文网页

简体中文网页

类型不限

评论性文章

☐ 包括专利

☒ 包含引用

☒ 创建快讯

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, ...

☆ 保存 🔗 引用 相关文章 easyScholar文献收藏

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

🔄 EI检索

SCI升级版 计算机科学1区

IF 15.5

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

... has achieved significant success in multi-modality medical image fusion (MMIF). ... a medical image. Current methods consider the medical image as a whole, leading to uneven fusion ...

☆ 保存 🔗 引用 被引用次数: 1 相关文章 easyScholar文献收藏

A fusion network for multi-modality medical image registration with progressive feature alignment

🔄 EI检索

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IF 7.6

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

... Most existing medical image fusion methods rely on well-aligned source images; however, ..., ultimately reconstructing the aligned medical image. Subsequently, we developed a Shared ...

☆ 保存 🔗 引用 被引用次数: 1 相关文章 所有 2 个版本 easyScholar文献收藏

Diffusion-driven multi-modality medical image fusion

🔄 EI检索

Medical & Biological Engineering & Computing

SCI升级版 医学4区

IF 2.6

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

... the information distribution relationship between multi-modality medical images, a diffusion ... images. Corresponding CT, PET, and SPECT images are generated from MRI images, and ...

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