

Papaper 1.2.0 README

前提

1. 确认已安装 [Java](#) 运行时
2. 确认当前网络可以访问 [Google Scholar](#)
3. 解压 `papaper 1.2.0.zip` 到磁盘空间足够的路径

开始

1. 双击运行 `main.bat` 文件，打开软件
2. 在 `Config` 页面，设置 `Save` 路径到磁盘空间足够的路径，推荐使用默认路径

下载论文

1. 在 `Paper` 页面，输入搜索关键词 `Keyword`，设置搜索的论文数量 `Number of papers`，选择论文发表的最近年数 `Number of recent years`，点击下载论文 `Download papers`。等待过程中，后台自动搜索 [Google Scholar](#) 并从SciHub下载论文pdf文件，保存到 `Save/documents` 目录。

Config

Paper

Embedding

Chat

README

Keyword

Reality Surgery Review

Number of papers

10

Number of recent years

10

Cancel

Log output:
[PAPER] initialize
0 / 10
[PAPER] search next
[PAPER] try download 2017 Recent development of augmented reality in surgery: a review
[PAPER] try download succeeded

```
C:\windows\system32\cmd.exe
[2023-06-18 17:43:53 SciHub check_url INFO MainThread:38] checking fastest url automaticlly ...
[2023-06-18 17:43:56 SciHub _check INFO MainThread:20] good url: http://sci-hub.ren [elapsed 0.083s]
[2023-06-18 17:43:56 SciHub _check INFO MainThread:20] good url: https://sci-hub.ren [elapsed 0.124s]
[2023-06-18 17:43:57 SciHub _check INFO MainThread:20] good url: http://sci-hub.wf [elapsed 1.203s]
[2023-06-18 17:43:59 SciHub _check INFO MainThread:20] good url: https://sci-hub.wf [elapsed 2.445s]
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[2023-06-18 17:44:05 SciHub _check WARNING MainThread:23] bad url: https://sci-hub.pk
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[2023-06-18 17:44:07 SciHub check_url INFO MainThread:46] fastest url: http://sci-hub.ren [0.083159s]
[2023-06-18 17:44:08 SciHub _post_url INFO MainThread:30] post url: http://sci-hub.ren
[2023-06-18 17:44:19 SciHub search INFO MainThread:56] searching: https://www.hindawi.com/journals/jhe/2017/4574172/
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Recent development of augmented reality in surgery a review.pdf [1.47 M]
[2023-06-18 17:44:27 SciHub download INFO MainThread:95] save file: D:\doidio\papaper\papaper\save\documents\2017\Recent
development of augmented reality in surgery a review.pdf
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/10.5999/aps.2017.44.3.179
[2023-06-18 17:44:36 SciHub search INFO MainThread:76] pdf url of "https://www.thieme-connect.com/products/ejournals/htm
l/10.5999/aps.2017.44.3.179": https://sci.bban.top/pdf/10.5999/aps.2017.44.3.179.pdf#view=FitH
```

名称	路径
2016	D:\doidio\papaper\papaper\save\documents
2017	D:\doidio\papaper\papaper\save\documents
2019	D:\doidio\papaper\papaper\save\documents
2020	D:\doidio\papaper\papaper\save\documents
Reality Surgery Review.json	D:\doidio\papaper\papaper\save\documents
A review of virtual reality based training simulators for orthopaedic surgery.pdf	D:\doidio\papaper\papaper\save\documents\2016
Current state of virtual reality simulation in robotic surgery training a review.pdf	D:\doidio\papaper\papaper\save\documents\2016
Effectiveness of virtual reality training in orthopaedic surgery.pdf	D:\doidio\papaper\papaper\save\documents\2016
Recent development of augmented reality in surgery a review.pdf	D:\doidio\papaper\papaper\save\documents\2017
The status of augmented reality in laparoscopic surgery as of 2016.pdf	D:\doidio\papaper\papaper\save\documents\2017
Virtual reality and augmented reality in plastic surgery a review.pdf	D:\doidio\papaper\papaper\save\documents\2017
The application of virtual reality and augmented reality in Oral & Maxillofacial Surgery.pdf	D:\doidio\papaper\papaper\save\documents\2019
Applicability of augmented reality in orthopedic surgery--a systematic review.pdf	D:\doidio\papaper\papaper\save\documents\2020

注意：

- 频繁自动发送网络请求有可能被 [Google Scholar](#) 封禁导致无法访问，尝试切换网络代理或等待一段时间。
- 也可以通过其他方式下载论文，手动存储到 `Save/documents` 目录下的一级子目录下。



We're sorry...

... but your computer or network may be sending automated queries. To protect our users, we can't process your request right now.
See [Google Help](#) for more information.

数据库

1. 在 Embedding 页面，点击构建数据库 Build database 。等待过程中，后台自动解析 Save/documents 目录下所有可识别的文档，提取文本构建向量数据库，保存到 Save/embedding 目录。

ConfigPaperEmbeddingChat

README

Build database

Query

Total hip

Search related documents

Related documents

Resource tokens

2500

Copy to chat

Log output:

[EMBEDDING] 7 / 8 parsed 286 from 2019 The application of virtual reality and augmented reality in Oral & Maxillofacial Surgery.pdf
[EMBEDDING] 8 / 8 parsed 422 from 2020 Applicability of augmented reality in orthopedic surgery--a systematic review.pdf
[EMBEDDING] wait for building database
[EMBEDDING] save to D:/doidio/papaper/papaper/save/embedding
[EMBEDDING] COMPLETE

相似性搜索

1. 在 Embedding 页面，输入查询内容 Query ，点击搜索相关文档 Search related documents ，后台在已构建的数据库中搜索与查询内容相似的文本，在 Related documents 窗口列出相关文档。

Config

Paper

Embedding

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README

Build database

Query

Total hip

Search related documents

Related documents

2017 Recent development of augmented reality in surgery a review.pdf
2020 Applicability of augmented reality in orthopedic surgery--a systematic review.pdf
2016 Effectiveness of virtual reality training in orthopaedic surgery.pdf
2016 A review of virtual reality based training simulators for orthopaedic surgery.pdf

Resource tokens

2500

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Log output:

[EMBEDDING] save to D:/doidio/papaper/papaper/save/embedding
[EMBEDDING] COMPLETE
[EMBEDDING] load database
[EMBEDDING] search similar documents
[EMBEDDING] COMPLETE

2. 根据要使用的大语言聊天模型的token数量限制，设置 `Resource tokens`，例如GPT-4限制了token最多8k，推荐选择5000并为回答预留大约2000+。点击复制到聊天 `Copy to chat`，切换到 `Chat` 页面。

大语言模型聊天

1. 在 `Chat` 页面，引用的文本内容已经复制到 `Resource` 窗口，按你的意图编辑提问内容 `Question`，必要时修改提示词模板 `Question prompt` 和 `Resource prompt`，点击查看对话 `View dialog`，复制完整内容到任何大语言模型聊天中使用。

你是一名学者，请用中文为我提供帮助。

根据资料重新组织一段论述。

请充分阅读理解资料，在你的回答中不能体现你事先阅读了这些资料。资料如下：

total hip arthroplasty. J Med Imaging (Bellingham). 2018;5:021205.

tion of the hip joint with hemipelvic replacement, and supports the

4 Sawbones Mannikin based hip arthroscopy bench-top simulator. [http://www.](http://www.sawbones.com/Catalog/Orthopaedic%20Models/Hip/9077-9)

[sawbones.com/Catalog/Orthopaedic%20Models/Hip/9077-9](http://www.sawbones.com/Catalog/Orthopaedic%20Models/Hip/9077-9)

e

less total hip replacements (Fig. 3c). It is safe and successful, designed

to reduce human error using a five axis robotic arm with milling de-

system for total hip replacement. In: Medical Image Computing and Computer-

a pre-operative planning tool for primary total hip replacement by Nishihara et al. [43]. (d) Virtops endoprosthesis reconstruction of the hip joint

by Handels [45]. (e) A volume

to anatomical simulation of the hip joint. Comput Animation Virtual Worlds

2009;20(1):53–66.

Ok