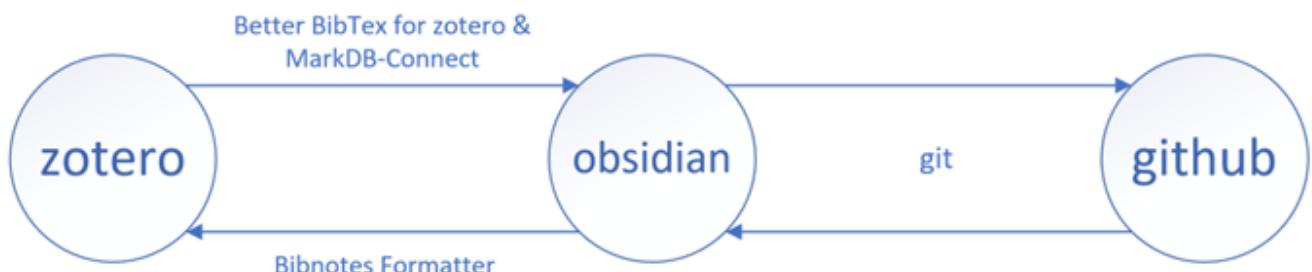


# zotero-obsidian-github联动文档

## 目的

联动zotero、obsidian与github，实现文献笔记的本地管理与云端同步存储。

## 流程



## 实现功能

- 1.zotero导出笔记至obsidian中管理，自动同步文献库；
- 2.obsidian调用命令可导入zotero文献库中的文献信息和笔记，可点击链接跳转至zotero；
- 3.obsidian本地仓库与github仓库自动同步，可自定义同步频率。

## 所需插件

zotero中文使用手册（提供插件下载地址）：<https://zotero-chinese.com/>

### zotero必备

- Add-on Market for Zotero：插件市场
- Better BibTex for zotero：通过bib文件插入笔记，设置引用格式等。
- MarkDBConnect：连接md格式文件

### obsidian必备

- git (obsidian社区插件可直接安装)
- Bibnotes Formatter（下载地址：<https://github.com/stefanopagliari/bibnotes/releases>）

## 示例

### 一、zotero配置

通过插件市场下载插件

- 1.zotero下载Add-on Market for Zotero：zotero中文使用手册 (<https://zotero-chinese.com/>) —>插件商店—>搜索“Add-on Market for Zotero”—>下载

The screenshot shows the Zotero Chinese Community website interface. At the top, there is a navigation bar with links for '百科全书' (Encyclopedia), '插件商店' (Plugin Store), 'CSL 样式' (CSL Styles), '转换器' (Converter), '开发者指南' (Developer Guide), '社区' (Community), and other site icons. Below the navigation is a search bar with the placeholder 'Search Ctrl K'. A search result for 'market' is displayed, showing two items:

- Better BibTex for Zotero**: Developed by Emilio Heyns, rated 6144 stars. Description: 'Make Zotero effective for us LaTeX holdouts'. Category: '第三方集成' (Third-party integration). Buttons: '下载' (Download), '分享' (Share), and '收藏' (Bookmark).
- Add-on Market for Zotero**: Developed by syt, rated 1272 stars. Description: 'Zotero Add-on Market | Zotero插件市场 | Browsing, installing, and reviewing plugins within Zotero'. Category: '其他' (Other). Buttons: '推荐' (Recommended), '其他' (Other), '下载' (Download), '分享' (Share), and '收藏' (Bookmark).

At the bottom of the page, there is a note in Chinese: 'Zotero 中文交流群 913637964, 617148016, 893963769, 666489129, 145248977, 317995116, 962963257 (加一个群即可)。独学而无友，则孤陋而寡闻。' (Join the Chinese Zotero exchange group 913637964, 617148016, 893963769, 666489129, 145248977, 317995116, 962963257 (add one group only). Solitary learning without friends, then it is narrow-minded and lacks hearing.)

2. 安装插件市场：打开zotero，工具—>插件—>设置图标—>Install Plugin From File —>选择刚刚下载的.xpi文件—>点击打开

Z

文件 编辑 查看

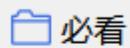
工具 帮助



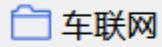
PBFT



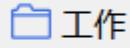
我的文库



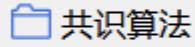
必看



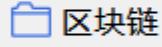
车联网



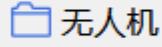
工作



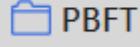
共识算法



区块链



无人机



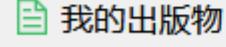
PBFT



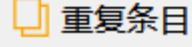
PBFT改进



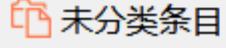
RIS



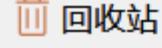
我的出版物



重复条目



未分类条目



回收站

RTF 扫描

安装浏览器扩展...

插件

开发者



管理附件



工具箱



清空所选项的“其他”字段...

同步管理器

模板编辑器

从剪贴板导入笔记模板

蒲公英



MarkDB-Connect Sync Tags

MarkDB-Connect Troubleshooting

配置管理器

文件 (F) 编辑 (E)

## Manage Your Plugins

Plugins

Enabled

Check for Updates

View Recent Updates

Install Plugin From File...

✓ Update Plugins Automatically

Reset All Plugins to Update Automatically



蒲公英

Zotero备份助手，用于备份和恢复Zotero常用设置



Awesome GPT

Awesome GPT for Zotero



Better BibTex for Zotero

Make Zotero useful for us LaTeX holdouts.



Better Notes for Zotero

Everything about note management. All in Zotero.



Easier Citation

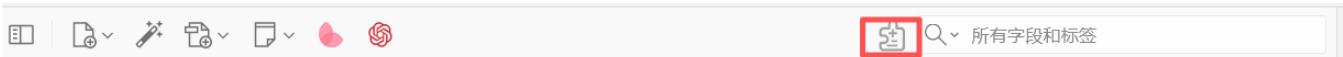
Easier Citation for Zotero



Ethereal Reference

Ethereal Reference for Zotero

3.zotero出现插件市场，点开



Better BibTex for zotero、MarkDBConnect插件

| 插件市场                  |  |      |                     |         |         |   |  |
|-----------------------|--|------|---------------------|---------|---------|---|--|
| 名称                    | 简介   | ★    | 发布时间                | 最新版本    | 本地版本    | 本地安装状态                                  |  |
| Translate for Zote... | Translate PDF, EPub, webpage, metadata, anno...  | 9875 | 2025/10/30 16:40:29 | 2.3.15  | 2.3.15  | <input checked="" type="checkbox"/> 已安装 |  |
| Better Notes for ...  | Everything about note management. All in Zote... | 7042 | 2025/10/20 20:20:14 | 2.5.9   | 2.5.9   | <input checked="" type="checkbox"/> 已安装 |  |
| Awesome GPT           | GPT Meet Zotero.                                 | 6721 | 2025/11/18 20:50:28 | 2.2.9.5 | 2.2.9.5 | <input checked="" type="checkbox"/> 已安装 |  |
| Jasminum              | A Zotero add-on to retrive CNKI meta data. —...  | 6510 | 2025/11/19 14:57:14 | 1.1.20  | 1.1.20  | <input checked="" type="checkbox"/> 已安装 |  |
| Zotero Debug Bri...   | Make Zotero effective for us LaTeX holdouts      | 6146 | 2025/04/23 16:16:24 | 1.0     |         | <input type="checkbox"/> 未安装            |  |
| Better BibTex for     | Make Zotero effective for us LaTeX holdouts      | 6146 | 2025/11/10 17:51:10 | 7.0.67  | 7.0.67  | <input checked="" type="checkbox"/> 已安装 |  |
| Ethereal              | 重新安装   |      |                     |         |         |   |  |
| Ethereal              | 卸载   |      |                     |         |         |   |  |
| Notero                | 禁用   |      |                     |         |         |   |  |
| Ethereal              | 主页   |      |                     |         |         |   |  |
| Actions a             | 刷新插件列表   |      |                     |         |         |   |  |
|                       | 一键更新可升级插件  |      |                     |         |         |   |  |
|                       | 管理本地插件   |      |                     |         |         |   |  |

## 配置zotero-Better BibTeX

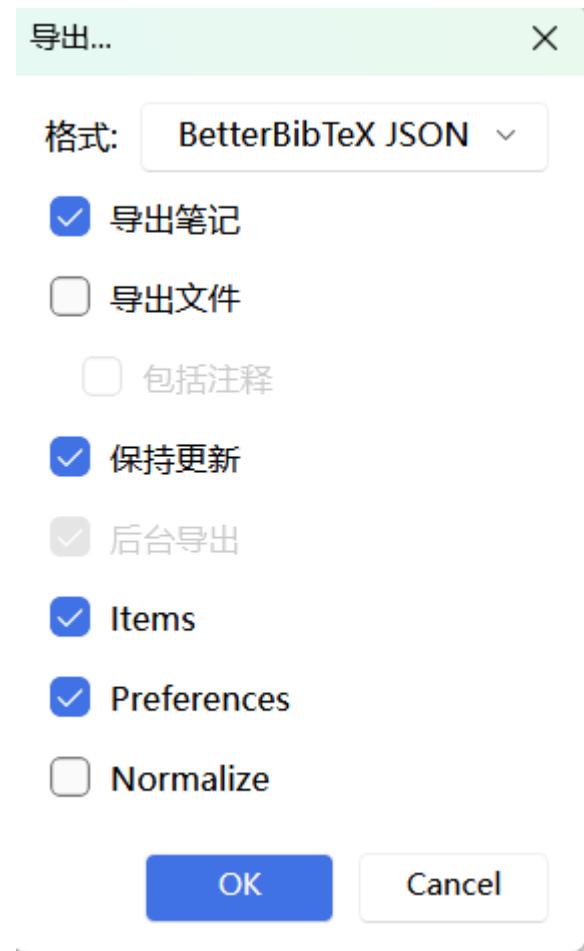
4. 打开zotero的编辑—>设置，进行Better BibTeX的配置。Citation keys用于后面obsidian生成笔记的命名，可以根据自己的喜好酌情修改。



5. 导出文献库：文件—>导出文献库

选择导出格式为“BetterBibTeX JSON”

选择“导出笔记”和“保持更新”(导出文件会使JSON文件很大，不勾选；勾选“保持更新”在添加/删除/修改条目后会自动更新导出的库)



设置中可以查看导出文献库的同步情况

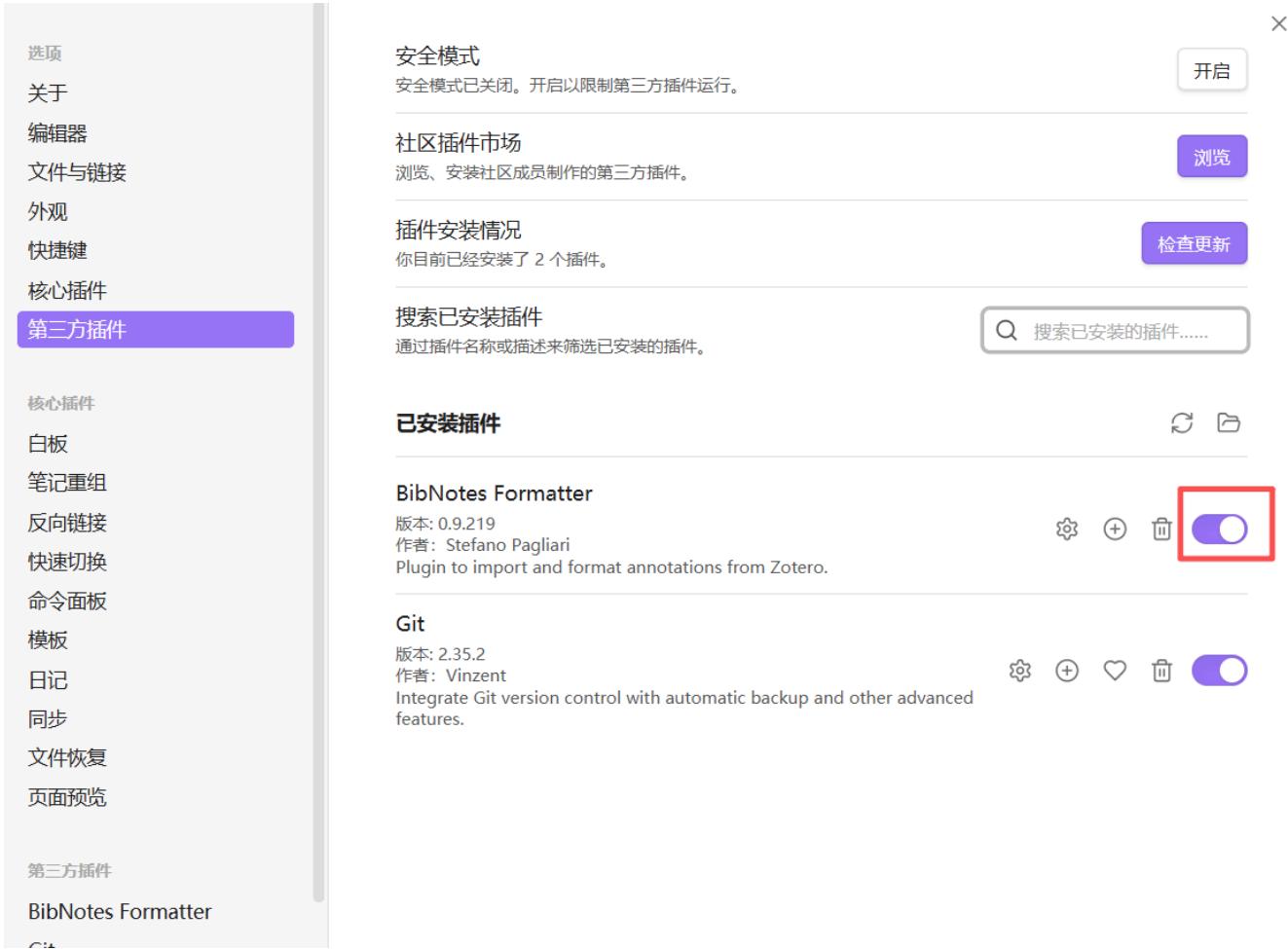


## 二、obsidian配置

1.在obsidian安装Bibnotes Formatter插件，下载地址（<https://github.com/stefanopagliari/bibnotes/releases>），下载bibnotes-.zip，将解压后文件夹复制到obsidian仓库/.obsidian/plugins（.obsidian是隐藏文件夹，没有plugins文件夹则新建一个），重启obsidian。

比如我的obsidian仓库名字是norapiean，我就会复制到norapiean/.obsidian/plugins

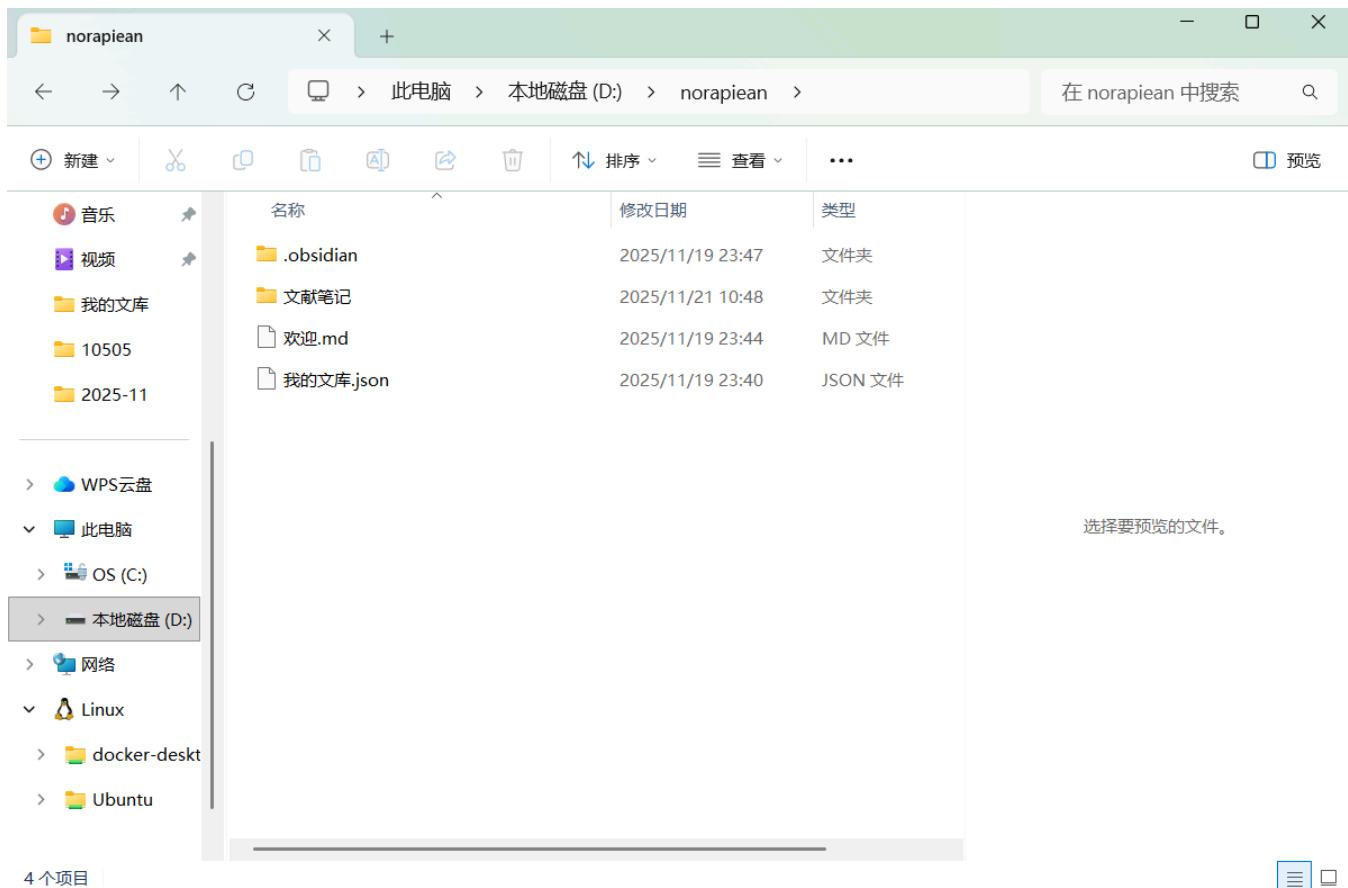
2.打开obsidian—>点击左下角设置图标—>第三方插件页面激活安装的Bibnotes Formatter插件



### 3. 配置Bibnotes Formatter

- 设置json文件的相对路径（因为我的zotero文件的“我的文库.json”就放在了我的obsidian仓库中，所以相对路径就是“我的文库.json”）
- 设置导出笔记的相对路径（导出笔记我也放在了obsidian仓库的“文献笔记”文件夹中，所以相对路径就是“文献笔记/”）
- {{citekey}}前加@
- 选择自定义模板，设定参数，将导出对应的笔记文件

“norapiean”是我的obsidian仓库，为更好说明上面的相对路径特此截图：



4 个项目

选项

关于

编辑器

文件与链接

外观

快捷键

核心插件

第三方插件

核心插件

白板

笔记重组

反向链接

快速切换

命令面板

模板

日记

同步

文件恢复

页面预览

第三方插件

BibNotes Formatter

Git

## BibNotes Formatter (for Zotero)

[Created by Stefano Pagliari](#)

### Import Library

▼

#### BetterBibTex Json File

Add relative path from the vault folder to the \*BetterBibTex Json\* file to be imported. For instance, add 'library.json' if the file (library.json) is in the root folder. Instead, if the file is in a subfolder, specify first the subfolder followed by the name of the file (e.g. 'zotero/library.json' if the json file is located in a subfolder of your vault called 'zotero')

我的文库.json

### Export Notes

▼

#### Export Path

Add the relative path to the folder inside your vault where the notes will be exported

Q 文献笔记/ X

#### Note Title

Select the format of the title of the note. Possible values include:  
{{citeKey}}, {{title}}, {{author}}, {{authorInitials}}, {{authorFullName}} {{year}}

@{{citeKey}}

#### Select Template

Select one of the default templates or provide a custom one.

Custom Template ▾

```
# {{title}}
## Metadata
CiteKey: {{citekey}}
```

附参考自定义模板：

```
# {{title}}
```

```
## Metadata
```

```
CiteKey:: {{citekey}}
```

```
Author:: {{author}}
```

```
date:: {{date}}
```

```
Journal:: {{publicationTitle}}
```

```
Tags:: {{tags}};
```

```
DOI:: {{DOI}}
```

```
Work::
```

```
## Files and Links
```

```
zotero entry:: {{localLibrary}}
```

```
open pdf:: {{pdf}}
```

```
## Abstract
```

```
{{abstractNote}}
```

```
----
```

```
## Comments
```

```
{{UserNotes}}
```

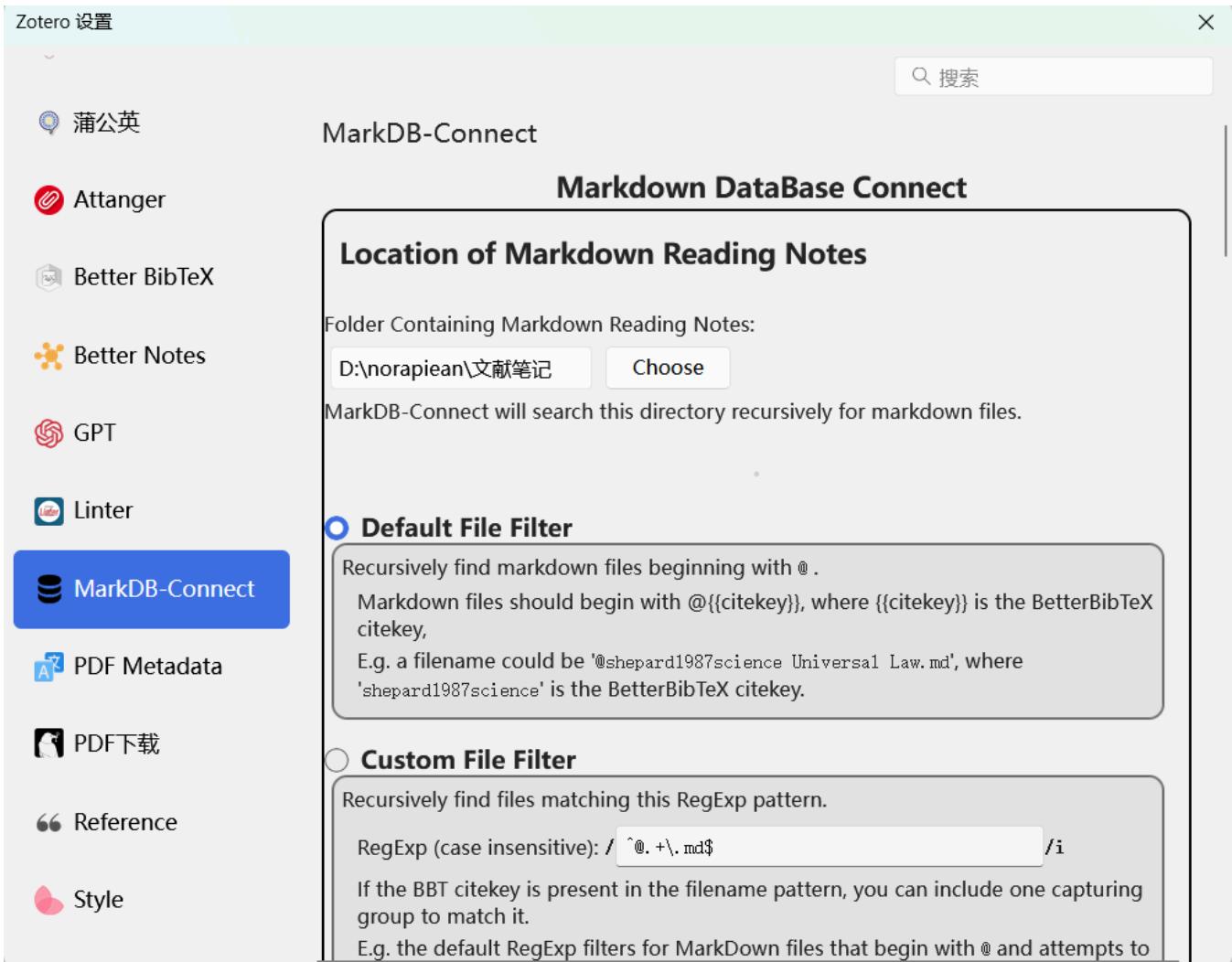
```
----
```

```
## Extracted Annotations
```

```
{{PDFNotes}}
```

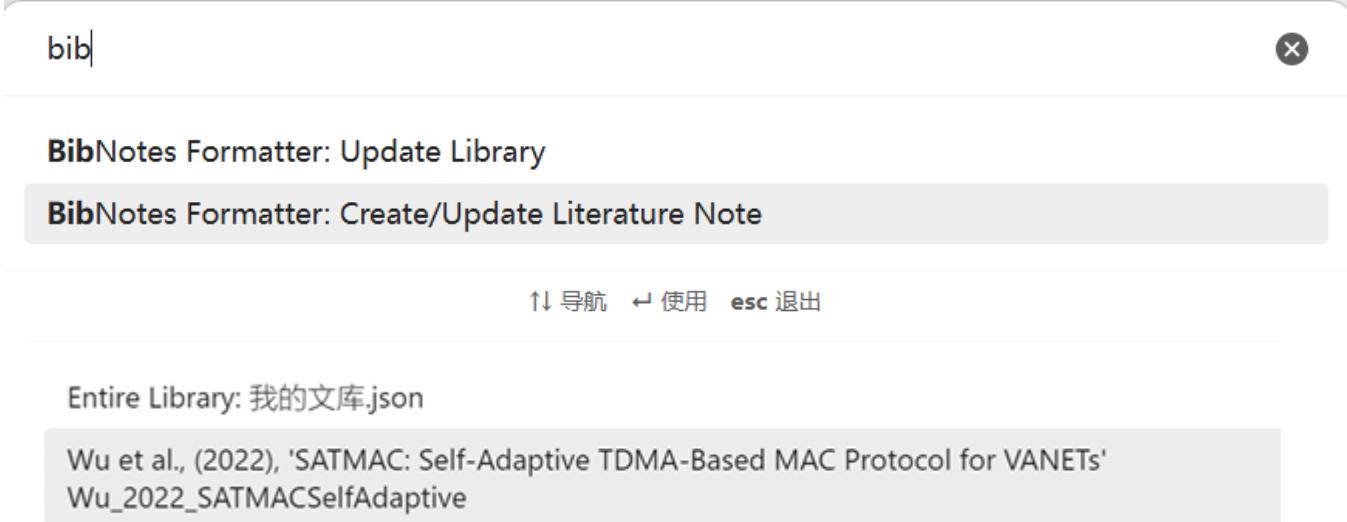
### 三、配置MarkDBConnect

打开zotero—>编辑—>设置，已经安装过MarkDBConnect插件，打开配置页面，填写Bibnotes Formatter文献笔记的保存路径（也就是obsidian的文献笔记路径）



#### 四、obsidian和zotero联动

1.obsidian调用zotero文献库：打开obsidian，Ctrl+P调出命令面板，输入bib，选择BibNotes Formatter：Create/Update Literature Note，然后选择对应的文献，将生成模板笔记（可以导入多条）



2.生成笔记，包括zotero记录的笔记

**@Wu\_2022\_SATMACSelfAdaptive**

**SATMAC: Self-Adaptive TDMA-Based MAC Protocol for VANETs**

**Metadata**

CiteKey: {{citekey}}  
Author: Wu, Jingbang; Lu, Huimei; Xiang, Yong; Wang, Feng; Li, Haisheng  
Date: 2022-11  
Journal: IEEE Transactions on Intelligent Transportation Systems  
Tags: #read, #adaptive frame length, #Delays, #Media Access Protocol, #fraction, #packet collision prediction, #Protocols, #Quality of service, #Safety, #TDMA, #VANET  
DOI: 10.1109/TITS.2022.3182386  
Work:

**Files and Links**  
zotero entry: [Zotero](#)  
open pdf: [IEEE Xplore Abstract Record](#) | [Wu et al 2022\\_SATMAC.pdf](#)

### ## Abstract

Rapid development and deployment of vehicular ad-hoc networks (VANETs) require an efficient and scalable media access control (MAC) protocol to support high-priority safety applications and infotainment requirements. This paper proposes SATMAC, a self-adaptive time division multiple access (TDMA)-based MAC protocol for VANETs. In order to improve the stability of the time slot scheduling in VANETs, a slot status updating strategy is carefully designed, which utilizes accurate information of the two-hop neighbors and the rough information of the three-hop neighbors to detect the potential packet collisions and avoids potential collisions by adjusting the occupied...

PDR of beacons over 60%. Moreover, our SATMAC design is further implemented and validated on our FPGA-based testbed.

**Comments**

**批注**

==

**总结**

--  
背景：基于TDMA  
目的：优化信道冲突  
工作：设计帧信息结构，制定时隙维护信息的规则，检测两跳内的碰撞问题，根据三跳邻居相位信息设定时隙安全性，不安全时隙的节点进行时隙调整。提出自适应帧长，设定帧值，根据情况在帧长调整帧长。

**结构**

--  
第三节介绍了SATMAC的概况。第四节介绍了时隙状态的更新策略。第五节介绍了时隙调整。第六节介绍了自适应帧长的设计。第七部分对性能进行了理论分析第八部分给出了模拟和真实实验的结果。第九节对本文的研究进行了总结并对未来的工作提出了建议。

**协议**

--

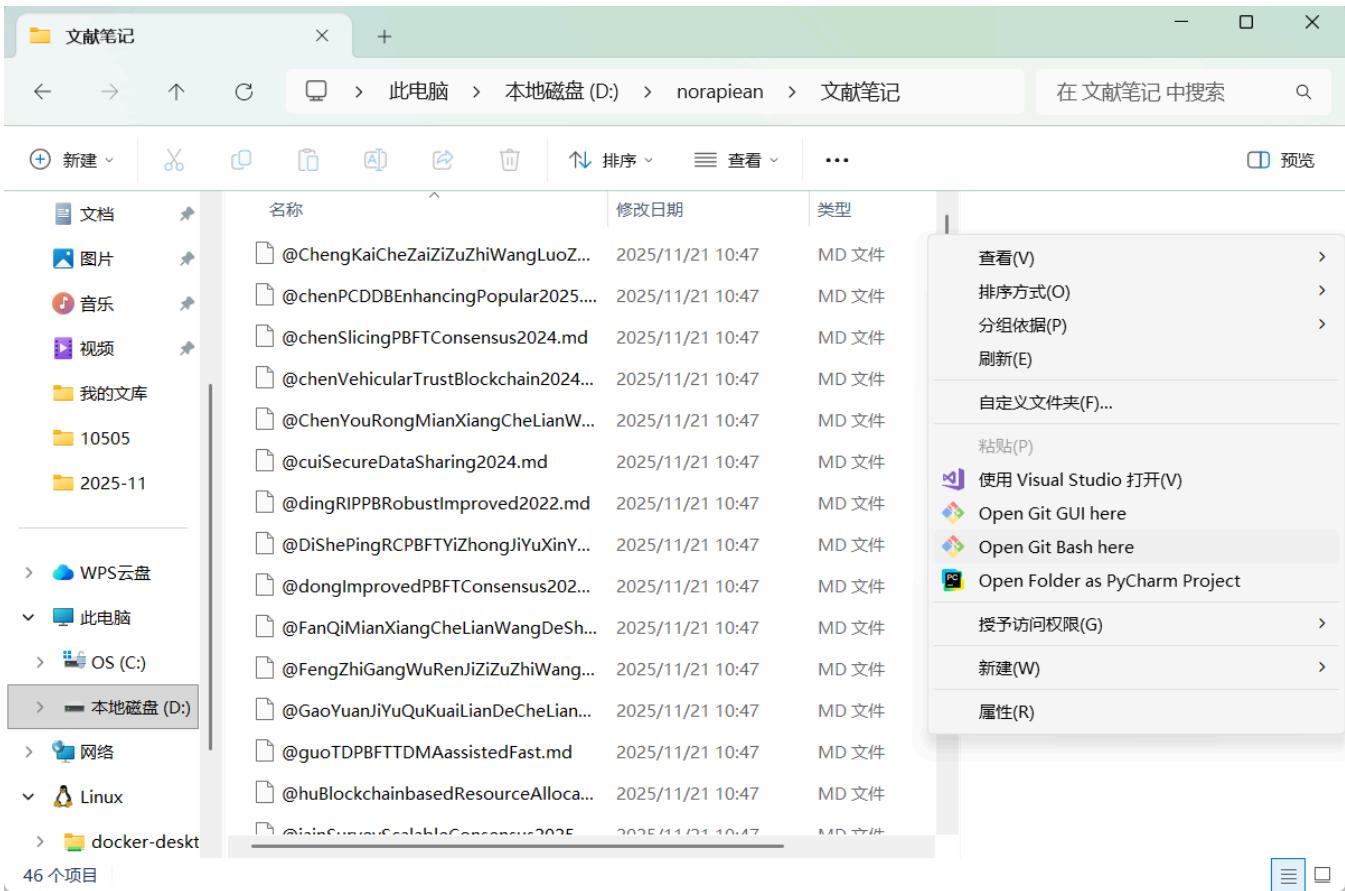
## 五、obsidian同步github

1.上传并同步笔记：上传obsidian本地仓库至github，通过git实现同步。

新建github私有仓库

安装git (Windows从<https://git-scm.com/>下载，安装时选默认选项)

打开obsidian仓库—>进入“文献笔记”—>右键单击文件夹内部的空白处—>选择Open Git Bash here (安装git后才会有这个选项)，点击它会打开一个黑色命令窗口



依次输入命令（每行按回车）

```
git init
git add .
git commit -m "第一次同步obsidian笔记"
git remote add origin 你的GitHub仓库链接（比如https://github.com/你的名字/笔记仓库.git）
git push -u origin main
```

报错1：

"unable to auto-detect email address"

Git没有绑定github用户名和邮箱，发生报错，解决办法：

```
git config --global user.name "你的GitHub用户名"
git config --global user.email "你的GitHub注册邮箱"

#然后重新提交本地内容（用户身份已配置，可正常记录提交者）：
git commit -m "第一次同步obsidian笔记"
#推送至github仓库：
git push -u origin main
```

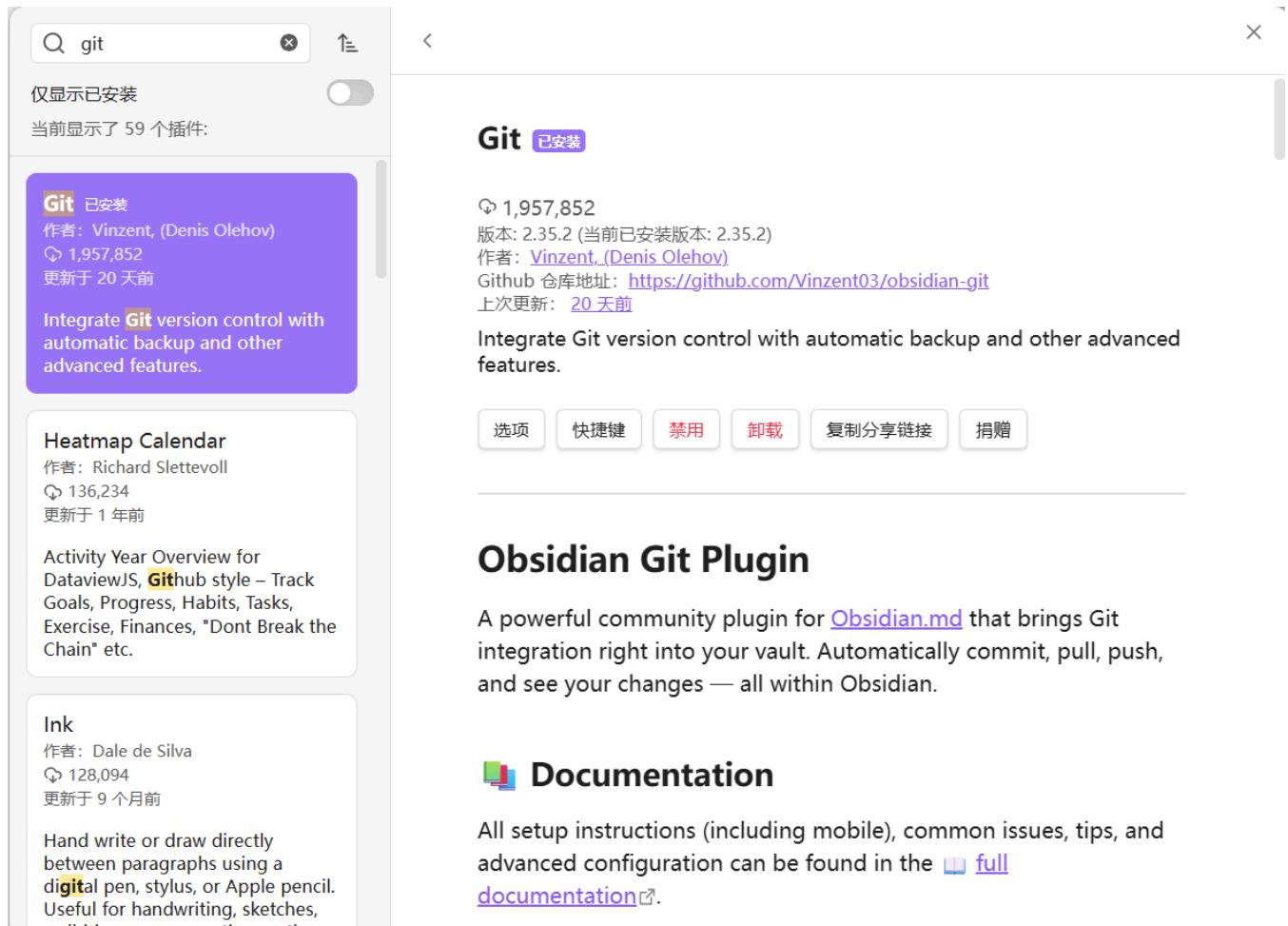
报错2：

"src refspec main does not match any"(原因：本地分支名称与远程仓库分支名称不匹配，GitHub新仓库默认分支名可能是main，但我的本地分支显示master)

解决办法：

```
#查看本地分支名称，在Git Bash中输入:  
git branch  
#会显示本地分支为master  
  
#推送时只将本地分支到远程main分支  
#执行以下命令替代原git push:  
git push -u origin master:main  
# (该命令表示将本地master分支推送到远程main分支)
```

2. 打开obsidian—>左下角设置图标—>第三方插件—>右侧社区插件市场 点击“浏览”—>搜索Git插件并安装



3. 打开obsidian左下角设置图标—>第三方插件—>Git

配置Git插件，实现自动同步：

- 以下配置表示每隔30分钟会commit和push，每次60分钟会自动pull最新版本

The screenshot shows the 'Automatic' tab in the Obsidian settings. On the left sidebar, 'Git' is selected. The main area contains several configuration sections:

- Split timers for automatic commit and sync**: A toggle switch is turned on. Description: Enable to use one interval for commit and another for sync.
- Auto commit interval (minutes)**: A value input field set to 30. Description: Commit changes every X minutes. Set to 0 (default) to disable. (See below setting for further configuration!)
- Auto commit after stopping file edits**: A toggle switch is turned off. Description: Requires the commit interval not to be 0. If turned on, do auto commit every 30 minutes after stopping file edits. This also prevents auto commit while editing a file. If turned off, it's independent from the last file edit.
- Auto commit after latest commit**: A toggle switch is turned on. Description: If turned on, sets last auto commit timestamp to the latest commit timestamp. This reduces the frequency of auto commit when doing manual commits.
- Auto push interval (minutes)**: A value input field set to 30. Description: Push commits every X minutes. Set to 0 (default) to disable.
- Auto pull interval (minutes)**: A value input field set to 60. Description: Pull changes every X minutes. Set to 0 (default) to disable.
- Auto commit only staged files**: A toggle switch is turned off. Description: If turned on, only staged files are committed on commit. If turned off, all changed files are committed.
- Specify custom commit message on auto commit**: A toggle switch is turned off. Description: You will get a pop up to specify your message.
- Commit message on auto commit**: A note indicating available placeholders: \${date}, \${datefull}, \${host}, \${hostname}, \${os}, \${osname}.
- A vault backup placeholder: vault backup: {{date}}

- 以下配置表示每次启动obsidian会自动pull最新版本

The screenshot shows the 'Pull' tab in the Obsidian settings. On the left sidebar, 'Git' is selected. The main area contains several configuration sections:

- Preview commit message**: A 'Preview' button is available.
- List filenames affected by commit in the commit body**: A toggle switch is turned on.
- Pull**
- Merge strategy**: A dropdown menu is set to 'Merge'. Description: Decide how to integrate commits from your remote branch into your local branch.
- Pull on startup**: A toggle switch is turned on. Description: Automatically pull commits when Obsidian starts.
- Commit-and-sync**: Description: Commit-and-sync with default settings means staging everything -> committing -> pulling -> pushing. Ideally this is a single action that you do regularly to keep your local and remote repository in sync.
- Push on commit-and-sync**: A toggle switch is turned on. Description: Most of the time you want to push after committing. Turning this off turns a commit-and-sync action into commit and pull only. It will still be called commit-and-sync.
- Pull on commit-and-sync**: A toggle switch is turned on. Description: On commit-and-sync, pull commits as well. Turning this off turns a commit-and-sync action into commit and push only.
- Line author information**
- Show commit authoring information next to each line**: A toggle switch is turned off. Description: Feature guide and quick examples. The commit hash, author name and authoring date can all be individually toggled.

## 参考资料

- obsidian调用zotero笔记: [https://blog.csdn.net/qq\\_44770178/article/details/128135049](https://blog.csdn.net/qq_44770178/article/details/128135049)
- obsidian使用github同步: <https://blog.csdn.net/pythondh1/article/details/134242400>