
impact_{*factor*}
Release 1.1.0

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ImpactFactor is a Impact Factor Toolkits, which contains `build`, `search`, `filter` sub-commands. You can search the IF of a journal, and you can generate a pubmed filter for NCBI Pubmed.

1.1 Installation guide

Install with `pip`:

```
python3 -m pip install -U impact_factor
```

Install from [source code](#)

```
git clone https://github.com/suqingdong/impact_factor
cd impact_factor
pip install -r requirements.txt
python setup.py build
python setup.py install
```

Installation guide The guide of installation

2.1 Tutorials

2.1.1 build

build the database

```
impact_factor build # default  
impact_factor -d test.db build -i IF.xlsx
```

Note:

- `-d dbfile` specify a dbfile
 - `-i excel` specify a excel file
-

2.1.2 search

search the database

- search with ISSN:

```
impact_factor search 0028-0836
```

- search with NLM_ID:

```
impact_factor search 0410462
```

- search with Journal Name:

```
impact_factor search nature
```

- like search with Journal Name:

```
impact_factor search "nature com%"
```

2.1.3 filter

filter with factor

IF \geq 30:

```
impact_factor filter -min 30
```

IF \leq 1:

```
impact_factor filter -min 1
```

5 \leq IF \leq 10:

```
impact_factor filter -min 5 -max 10
```

output pubmed filter format:

```
impact_factor filter -min 5 -max 10 --pubmed-filter
```

2.1.4 use as a module

```
from impact_factor.core import Factor

fa = Factor()

print(fa.dbfile)

fa.search('nature')
fa.search('nature c%')

fa.filter(min_value=100, max_value=200)
fa.filter(min_value=100, max_value=200, pubmed_filter=True)
```

Tutorials Example tutorials

3.1 `impact_factor`

3.1.1 `impact_factor` package

Subpackages

`impact_factor.bin` package

Submodules

`impact_factor.bin.cli` module

Module contents

`impact_factor.core` package

Submodules

`impact_factor.core.database` module

`impact_factor.core.factor` module

`impact_factor.core.nlmcatalog` module

Module contents

impact_factor.util package

Submodules

impact_factor.util.excel_parser module

Module contents

Module contents

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