

# Package: journalclub (via r-universe)

October 6, 2026

**Version** 1.0.0

**Title** Journal club papers

**Description** Uses citations and PubMed queries to generate new publications for a journal club.

**Depends** XML, RCurl, parallel

**License** Artistic-2.0

**URL** <https://github.com/perishky/journalclub>

**LazyData** yes

**RoxygenNote** 6.1.0

**Config/pak/sysreqs** make libxml2-dev

**Repository** <https://mrcieu.r-universe.dev>

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**RemoteUrl** <https://github.com/perishky/journalclub>

**RemoteRef** HEAD

**RemoteSha** 4a1359bc8ec8584dced59aa7f18a55a05d9d1428

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journalclub.annotate    *Retrieve information for a selection of publications*

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**Description**

Generates a data frame providing information (abstract, title, authors, journal, publication date) for a list of PMIDs.

**Usage**

```
journalclub.annotate(pmids, retmax = 100)
```

**Value**

A data frame with one row per publication.

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journalclub.candidates  
                          *Retrieve new publications for a journal club*

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**Description**

Retrieve new publications for a journal club

**Usage**

```
journalclub.candidates(dir, query = NULL, recent = 30, debug = F)
```

**Arguments**

|        |                                                                                  |
|--------|----------------------------------------------------------------------------------|
| dir    | Directory where the journal club history is stored.                              |
| query  | PubMed query for identifying new publications (Default: NULL).                   |
| recent | Number of days to look back for publications from the current day (Default: 30). |

**Value**

A data frame listing recent publications that have not been considered for previous journal clubs and either match the input query or cite a previously presented publication.

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|                    |                                                    |
|--------------------|----------------------------------------------------|
| journalclub.citing | <i>Query PubMed for recent citing publications</i> |
|--------------------|----------------------------------------------------|

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**Description**

Retrieve recent publications that cite a given set of publications

**Usage**

```
journalclub.citing(pmids, days = 30, retmax = 100, verbose = T)
```

**Arguments**

|       |                                                                                  |
|-------|----------------------------------------------------------------------------------|
| pmids | PMIDs for papers to be cited.                                                    |
| days  | Number of days to look back for publications from the current day (Default: 30). |

**Value**

A vector of PMIDs matching the query.

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|                   |                                             |
|-------------------|---------------------------------------------|
| journalclub.query | <i>Query PubMed for recent publications</i> |
|-------------------|---------------------------------------------|

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**Description**

Retrieve PMIDs for recent publications matching a query.

**Usage**

```
journalclub.query(query, days = 30, retmax = 1e+05)
```

**Arguments**

|       |                                                                                  |
|-------|----------------------------------------------------------------------------------|
| query | PubMed query.                                                                    |
| days  | Number of days to look back for publications from the current day (Default: 30). |

**Value**

A vector of PMIDs matching the query.

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|                    |                                                                      |
|--------------------|----------------------------------------------------------------------|
| journalclub.update | <i>Update journal club history with newly presented publications</i> |
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**Description**

Update journal club history with newly presented publications

**Usage**

```
journalclub.update(dir, presented)
```

**Arguments**

|           |                                                         |
|-----------|---------------------------------------------------------|
| dir       | Directory where the journal club history is stored.     |
| presented | List of PMIDs for the publications that were presented. |

**Value**

TRUE

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