

Exporting References from MathSciNet to RefWorks

MathSciNet

MathSciNet is a comprehensive database covering the world's mathematical literature since 1864. It provides web access to the bibliographic data and reviews of mathematical research literature contained in the Mathematical Reviews Database. The Mathematical Reviews Database is the database of bibliographic information and reviews created and maintained by the American Mathematical Society.

MathSciNet Subject Coverage

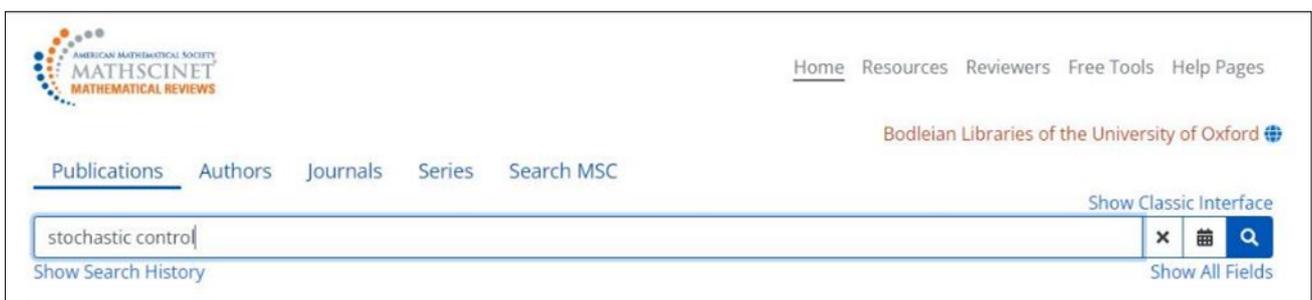
The academic literature covered by MathSciNet is focused around statistics, mathematics, computer science, physics, engineering, logic, philosophy of mathematics and philosophy of science.

Accessing MathSciNet

MathSciNet can be accessed by searching for 'MathSciNet' in SOLO (<https://solo.bodleian.ox.ac.uk>) and then following the 'Online access' link. The database can also be found through Databases A-Z (<https://libguides.bodleian.ox.ac.uk/az.php>). As MathSciNet is a subscription database, if you are off campus you will need to use your Oxford Single Sign On (SSO) credentials to use it.

Running a Basic Search

When you enter MathSciNet, you will land on the main search page.



Select one or more search term(s) and type in to the search bar your keywords, such as 'stochastic control'. Click **Show Classic Interface** above the search bar to display advanced search options. From here it is possible to choose the Publication Type and the Time Frame.

Click on **Search** and after a few moments MathSciNet will return a list of results which match the search terms.

Results List

If an article has been reviewed, click on the MR number to read the review. It can be saved as a pdf on your desktop and later inserted into your RefWorks account.

The screenshot shows the MathSciNet search results page. At the top left is the logo for the American Mathematical Society MathSciNet Mathematical Reviews. Navigation links include Home, Resources, Reviewers, Free Tools, and Help Pages. A secondary navigation bar includes Bodleian Libraries of the University of Oxford. Below this are links for Publications, Authors, Journals, Series, and Search MSC. A search bar contains the text 'stochastic control' with a search icon and a 'Show Search History' link. A 'Show Classic Interface' link is also present. The search results section is titled 'Search Results' and includes a 'Filters' button, a 'Newest' dropdown, and an 'Export' dropdown. A pagination bar shows 20 results per page, with page 1 selected. The first result is highlighted with a green circle around the MR number 'MR4733248'. The result title is 'Turnpike properties for stochastic linear-quadratic optimal control problems with periodic coefficients'. The authors are Sun, Jingrui; Yong, Jiongmin. The journal is J. Differential Equations 400 (2024), 189-229. The result is marked as 'Prelim' and 'MSC 49N10'. The second result is 'Optimal stopping of BSDEs with constrained jumps and related zero-sum games' by Perninge, Magnus, published in Stochastic Process. Appl. 173 (2024), Paper No. 104355. It is also marked as 'Prelim' and 'MSC 60G40'.

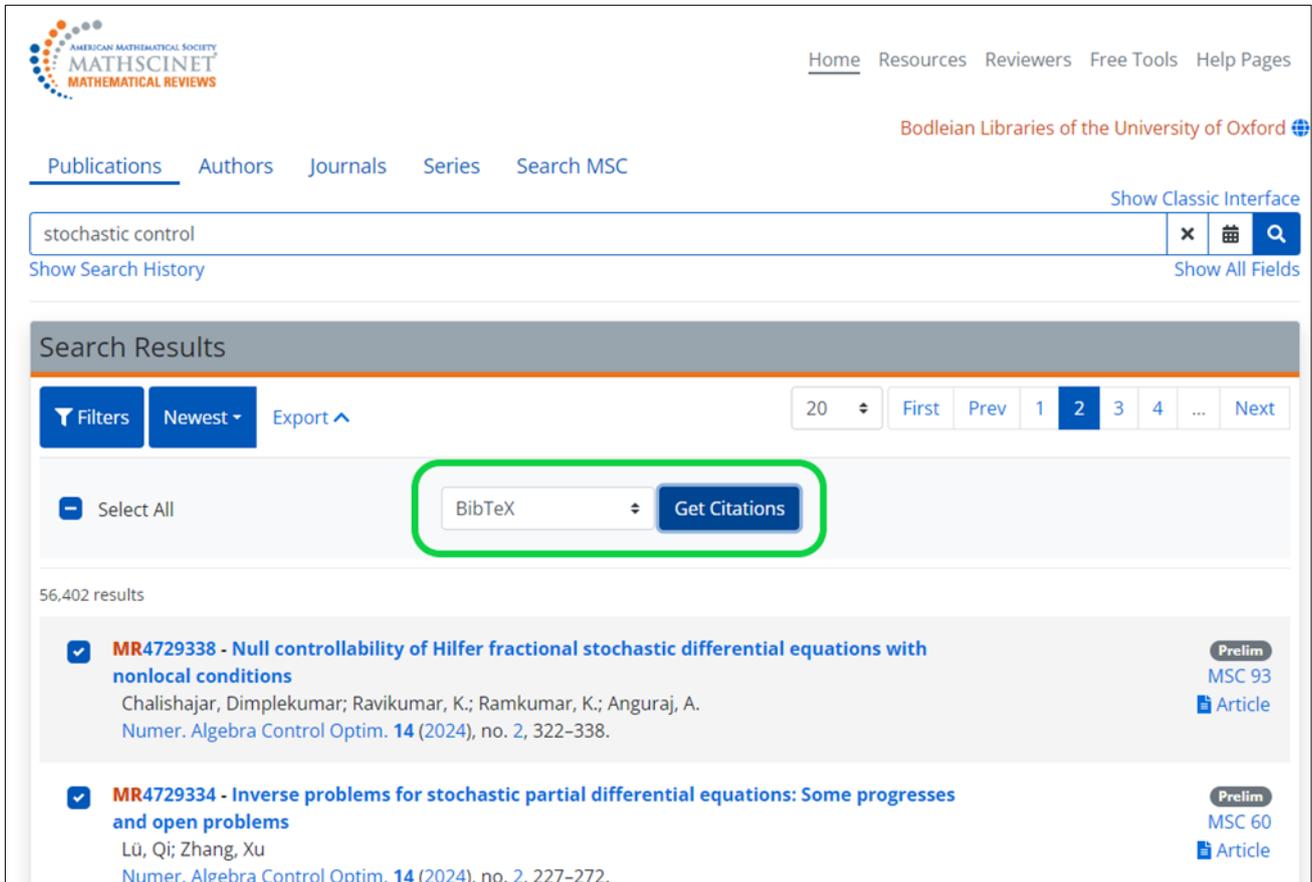
Selecting Records for Export

There are three methods for exporting records from MathSciNet to RefWorks:

- Method 1: exporting a BibTeX file
- Method 2: using the Save to RefWorks browser plugin
- Method 3: importing PDFs from MathSciNet into RefWorks

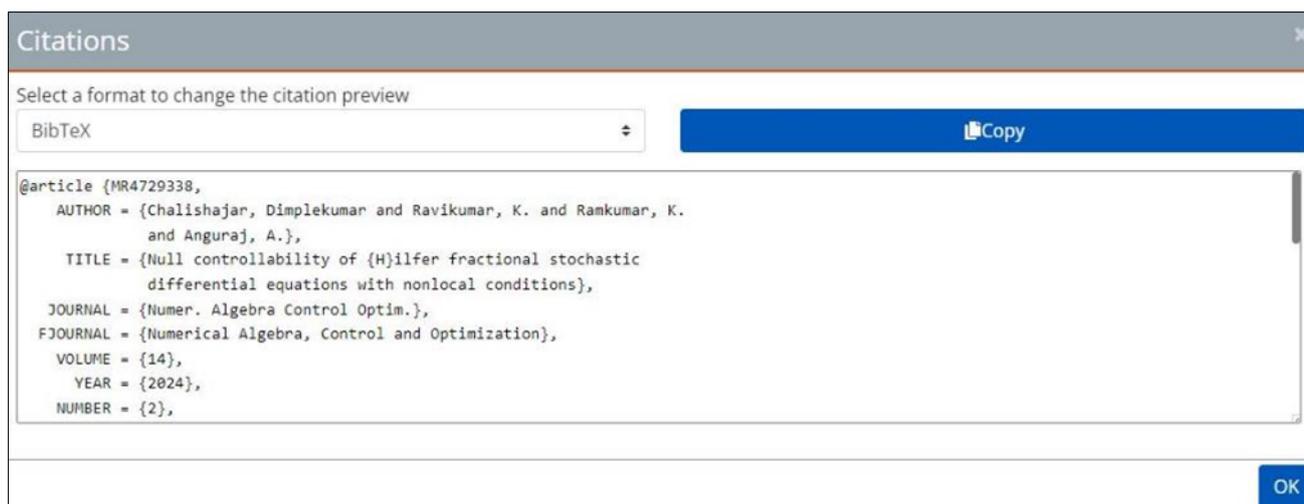
Method 1: exporting a BibTeX file

Click **Export** at the top of the results, which will display tick boxes to the left of each record. Tick the boxes to the left of the records you would like to export or tick **Select All** to select all records on the page. Click the dropdown menu next to **Get Citations** at the top of the results and select **BibTeX**. Click **Get Citations**.



The screenshot shows the MathSciNet search results page for the query "stochastic control". The page includes a search bar with the query, a "Show Search History" link, and a "Show All Fields" link. The search results are displayed in a table with columns for "Filters", "Newest", "Export", and "Get Citations". The "Export" dropdown menu is open, showing "BibTeX" selected. The "Get Citations" button is highlighted with a green box. The search results list two records, both of which are checked with a tick box. The first record is "MR4729338 - Null controllability of Hilfer fractional stochastic differential equations with nonlocal conditions" and the second is "MR4729334 - Inverse problems for stochastic partial differential equations: Some progresses and open problems".

A dialogue box will open with the selected references converted into BibTeX. Click **Copy** and **OK**.

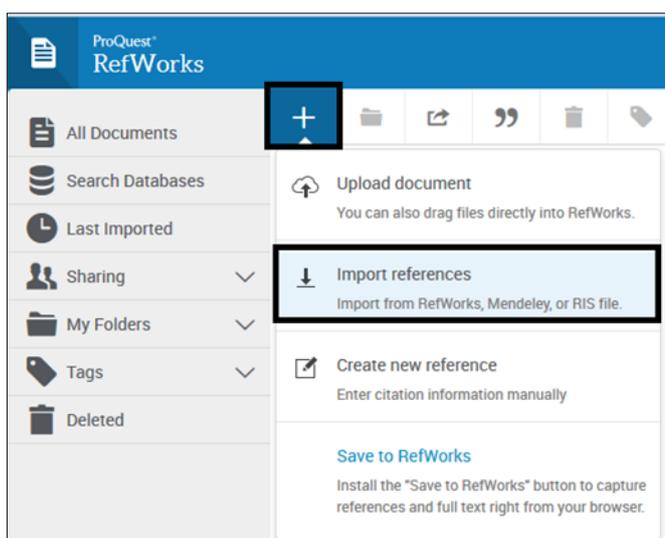


Importing into RefWorks

Open-up Notepad (Windows) or TextEdit (Mac) on your computer and copy and paste the text you copied from MathSciNet. Save this file on your desktop.

Open-up your RefWorks account.

Click **Add** at the top of the screen and select 'Import references'.

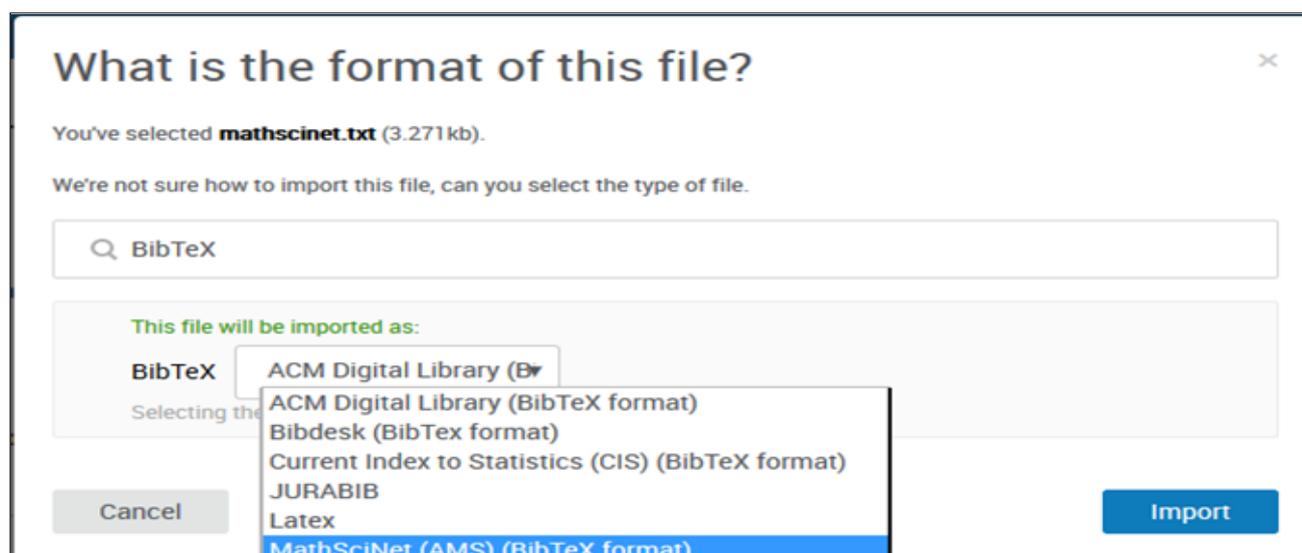


You can Drag and Drop the notepad/TextEdit file onto the shadowed area or click on 'select a file from your computer'.

Next, you are asked what the format of the file is. Start typing in bibtex in the search box and select **BibTeX** from the list of options that appear.

A BibTeX drop-down menu appears and select **MathSciNet (AMS) (BibTeX format)** from the list of options.

Click on **Import** to complete the process.



RefWorks will display a message to ask which folder you would like the references to go into. Make your selection and click 'Import'. RefWorks will indicate that the references have been successfully imported. You can view the added records by clicking **Go to Last Imported** at the bottom of the import message. You can also access the last imported folder by clicking **Last imported** at the left side of the RefWorks screen.

Method 2: using the Save to RefWorks browser plugin

You can also use the 'Save to RefWorks' button on your web browser (if you have installed it) to add records to your RefWorks library. See the separate task sheet 'Adding and using the Save to RefWorks plugin'.

Conduct a search on MathSciNet. Once the results list appears, click the 'Save to RefWorks' button in the favourites/bookmarks toolbar of your web browser.

A new sidebar will open on the right of your screen. The sidebar will list all records from the results page which RefWorks recognises as bibliographic records.

Within the sidebar, tick any records that you want to add to your library and click the blue **Save to RefWorks** button at the bottom of the sidebar. Sometimes if you select from the top of the list down you may find that each new selection is converted to the first one you made. For some reason this doesn't happen if you select from the bottom up.

The screenshot shows the MathSciNet search results for 'stochastic control'. The search results list includes:

- MR4728298 - Fixed-time stabilization of output-constrained stochastic high-order nonlinear systems** (Prelim MSC 93, Article)
- MR4728172 - The Stefan problem and free targets of optimal Brownian martingale transport** (Prelim MSC 60, Article)
- MR4728162 - Controlled measure-valued martingales: A viscosity solution approach** (Prelim MSC 93, Article)

The 'RefWorks' sidebar on the right shows the selected items being imported into the library. It includes a 'Save to RefWorks (3)' button.

Your records will be immediately added to your RefWorks library. You can choose to go and view the records by clicking on **View in RefWorks** or close the sidebar and go to the next page of results and repeat this process.

The screenshot shows the MathSciNet search results for 'stochastic control'. The search results list includes:

- Guo, Wenjuan; Zheng, Bo; Yu, Jianshe (Comput. Appl. Math. 43 (2024), no. 4, Paper No. 166.)
- MR4729445 - Local Time Pushed Mixed Equilibrium Strategies for Time-Inconsistent Stopping Problems** (Prelim MSC 60, Article)
- MR4729421 - Time- versus event-triggered consensus of a single-integrator multi-agent system** (Prelim MSC 93E20, Article)

The 'RefWorks' sidebar on the right shows the 'Import Process Complete' message and a 'View in RefWorks' button.

If you want to add the PDFs of the articles to the citations added to your RefWorks library, then save the PDF on your Desktop, click on the citation in your RefWorks Library to open its bibliographic information sidebar and click on the Edit icon in the top right corner.

Drag and drop the PDF into the shadow area at the top of the sidebar or use the “select a file from your computer”. Only one PDF can be added to each citation.

Method 3: importing PDFs from MathSciNet into RefWorks

You can import individual PDFs of articles found on MathSciNet into your RefWorks Library and it will create a bibliographic record for the PDF.

Conduct a search on MathSciNet and click on 'Article' to the right of the record.

MR4728298 - Fixed-time stabilization of output-constrained stochastic high-order nonlinear systems
Xie, Ruiming; Xu, Shengyuan
Sci. China Inf. Sci. **67** (2024), no. 4, Paper No. 140201.
Prelim
MSC 93
Article

This will open the publisher's website where you can find the PDF and save it to your Desktop.

Go to your RefWorks Library and click **Add**. Click on **Upload document** and open the PDF on your Desktop. This brings the citation record with the PDF attached into your RefWorks Library.

You can also just Drag and Drop the PDF into your RefWorks Library. A blue circle will appear when you drag the PDF into the browser window that says **Drop files here**.

The screenshot shows the RefWorks web interface. The top navigation bar includes 'RefWorks', 'Untitled Project', and user information for 'University of Oxford'. A sidebar on the left contains navigation options like 'All References', 'Search Databases', and 'My Folders'. The main content area displays a list of references under the heading 'All References (viewing 1 - 50 of 1025 references)'. A large blue circular overlay with the text 'Drop files here' is centered over the reference list, indicating a file upload action. The reference list includes entries such as 'MathSciNet article', 'Sun, Jingrui, Yong, Jiongmin. (2024). Turnpike properties for stochastic linear-quadratic optimal control problems with periodic coefficients', and 'Chalishajar,Dimplekumar, Ravikumarc... AngurajA. (2024). Null controllability of Hilfer fractional stochastic differential equations with nonlocal conditions'.