

# Step-by-Step Guide: Charting Radiographics Top 10 Articles in Google Sheets

## Introduction

This guide demonstrates how to extract article information from the Radiographics Top 10 Reading List and organize it into a well-structured Google Sheets spreadsheet. The process involves:

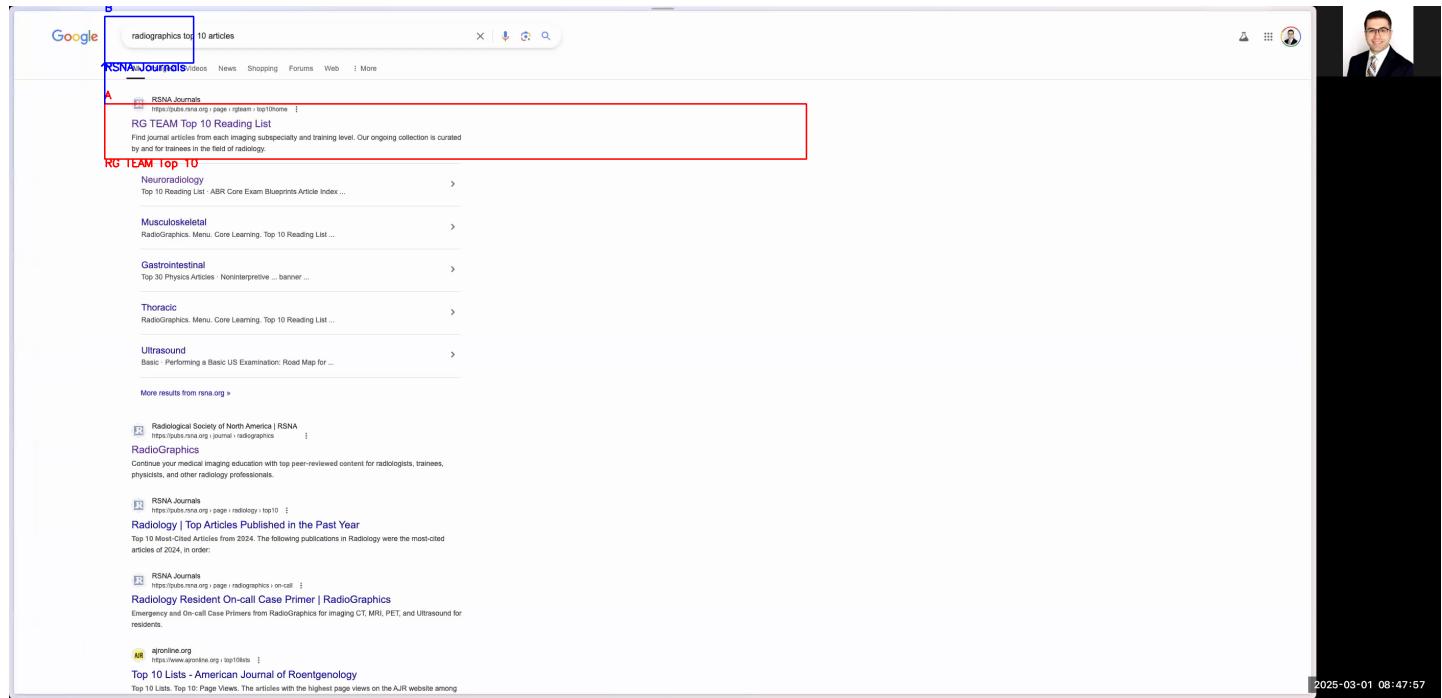
- Visiting the Radiographics website
- Navigating through article categories
- Logging into Google Drive and creating a dedicated folder and spreadsheet
- Extracting key details from each article (title, author list, DOI, year, residency year, level, and abstract)
- Formatting and cleaning the data for further use in your Python projects or other applications

Follow the steps below to recreate this process automatically for all articles.

## Steps

### 1. Open the Radiographics Top 10 Articles Page

1. Open your web browser.
2. In the address bar, type `radiographics top 10 articles` and press Enter.
3. In the Google search results, click on the link labeled **RG TEAM Top 10 Reading List**.



The screenshot shows a Google search results page. The search query "radiographics top 10 articles" has been entered into the search bar. The first result, "RG TEAM Top 10 Reading List", is highlighted with a red box. Below the search bar, there are navigation links for "RSNA Journals", "Videos", "News", "Shopping", "Forums", "Web", and "More". The main search results area displays various categories under "RG TEAM Top 10": Neuroradiology, Musculoskeletal, Gastrointestinal, Thoracic, and Ultrasound. Each category has a link to its respective page. At the bottom of the search results, there are links to "More results from rsna.org" and "Radiological Society of North America | RSNA". On the right side of the screen, there is a sidebar featuring a profile picture of a man in a suit and tie, and the date and time "2025-03-01 08:47:57".

### 2. Explore the Article Categories

1. Once the Radiographics page loads, you will see various article categories (e.g., Breast Imaging, Cardiac, etc.) grouped by residency years and article levels (Basic, Intermediate, Advanced).
2. Click on any of these categories (for example, **Breast Imaging**) to view the articles available for that section.
3. Observe that each residency year (R1, R2, etc.) further classifies articles by level.

The screenshot shows a Google search results page with the query "radiographics top 10 articles". The results are organized into several colored boxes (red, green, blue, yellow, pink, red, cyan) corresponding to different categories or sources:

- A**: Red box: RG TEAM Top 10 Reading List (Neuroradiology, Musculoskeletal, Gastrointestinal, Neuroradiology Category, Endocrinologic Category, Gastrointestinal Category, Thoracic Category).
- B**: Green box: RG TEAM Top 10 Reading List (Musculoskeletal, Gastrointestinal, Neuroradiology Category, Endocrinologic Category, Gastrointestinal Category, Thoracic Category).
- C**: Blue box: RG TEAM Top 10 Reading List (Gastrointestinal, Neuroradiology Category, Endocrinologic Category, Gastrointestinal Category, Thoracic Category).
- D**: Yellow box: RG TEAM Top 10 Reading List (Gastrointestinal, Neuroradiology Category, Endocrinologic Category, Gastrointestinal Category, Thoracic Category).
- E**: Pink box: RG TEAM Top 10 Reading List (Gastrointestinal, Neuroradiology Category, Endocrinologic Category, Gastrointestinal Category, Thoracic Category).
- F**: Red box: RG TEAM Top 10 Reading List (Gastrointestinal, Neuroradiology Category, Endocrinologic Category, Gastrointestinal Category, Thoracic Category).
- G**: Cyan box: Ultrasound Category (Radiological Society of North America | RSNA, RadioGraphics).

Below the search results, there are additional links related to Radiology and Ultrasound:

- Radiology | Top Articles Published in the Past Year
- Radiology Resident On-call Case Primer | RadioGraphics
- Top 10 Lists - American Journal of Roentgenology

At the bottom right of the screenshot, the timestamp is 2025-03-01 08:48:03.

### 3. Log into Google Drive

1. Open a new browser tab and go to <https://drive.google.com>.
2. If you are not already logged in, use your credentials to log in.
3. **Note:** Depending on your configuration, you might need to use a different account or a passkey if prompted. For example, you may see a "Choose an account" screen. Enter the required email address (e.g., pioruzroj@gmail.com) and any necessary passcodes or follow the login instructions provided by Google.

The screenshot shows the "Choose an account" dialog from Google Drive. It displays a list of accounts:

- A**: Choose an account (with a red box around it).
- B**: Account selection (Pouri Rouzrok, p.rouzrok@gmail.com, Signed out).
- C**: Account selection (readingnsomdta@gmail.com, Signed out).
- D**: Use another account (radiotherapy@outlook.com, Use another account, Remove an account).

At the bottom of the dialog, there are links for Help, Privacy, and Terms. The timestamp at the bottom right is 2025-03-01 08:50:04.

### 4. Create a New Folder and Google Sheets Spreadsheet

1. In Google Drive, click on the **New** button and select **Folder**.
2. Name the folder (e.g., RG-Top10-Articles) and create it.
3. Open the newly created folder by double-clicking it.
4. Inside this folder, click on **New** again and select **Google Sheets** to create a blank spreadsheet.
5. Name the spreadsheet (e.g., Top 10 Articles).

My Drive

New button

Shared with me

Recent

Starred

Spam

Trash

Storage

60.88 GB of 200 GB used

Get more storage

New folder

New Folder dialog

Owner	Last modified	File size
me	Apr 15, 2022	—
me	Feb 7, 2021	—
me	Jul 9, 2023	—
me	Mar 11, 2020	—
me	Jun 28, 2023	—
me	Aug 17, 2022	—
me	Sep 9, 2022	—
me	Nov 3, 2021	—
me	May 13, 2021	—
me	Jul 3, 2024	—
me	Mar 3, 2022	—
me	Jul 29, 2023	—
me	Jul 7, 2023	—
me	Aug 31, 2020	—
me	Aug 17, 2022	—
me	Aug 17, 2021	—
me	Apr 8, 2021	—
me	May 21, 2021	—
me	Jul 7, 2023	—
me	Aug 17, 2022	—

2025-03-01 08:51:24

## 5. Set Up Your Spreadsheet Columns

1. In your new Google Sheets document, create the following column headers in the first row:
2. Title
3. Author List
4. DOI
5. Year
6. R Year
7. Level
8. Abstract
9. Format the headers by bolding them for clarity.
10. For the **R Year** column, create a drop-down menu containing: R1, R2, R3, and R4.
11. For the **Level** column, create a drop-down menu with options such as Basic, Intermediate, and Advanced.
12. Optionally, apply color coding to the drop-down selections for visual distinction.

Top10 Articles

F2:F12

C2:C12

D2:D12

E2:E12

F2:F12

G2:G12

H2:H12

A2:A12

B2:B12

R1

Basic

Title column header

Author list

DOI column header

Year column header

Level column header

R Year drop-down

Top 10 Reading List

RadioGraphics TEAM

Level drop-down

Breast Imaging

Resident Year 1

Basic

Digital Breast Tomosynthesis: Physics, Artifacts, and Quality Control Considerations

Nikki Tisda, Thomas Ernst

Feb 15 2019

BI-RADS Terminology for Mammography Reports: What Residents Need to Know

Karina Pece, Andrea Cernadas

Mar 7 2019

Digital Breast Tomosynthesis in the Diagnostic Setting: Indications and Clinical Applications

Heather S. Peppard, Jennifer A. Harvey

May 29 2019

Male Breast Disease: Pictorial Review with Radiologic-Pathologic Correlation

Chen Nguyen, Jennifer A. Hadro

May 3 2019

Challenges in Interpretation of US Breast Findings in the Emergency Setting

Asmaa Morozee, Haroon Singh

Sep 21 2023

Distinguishing Breast Skin Lesions from Superficial Breast Parenchymal Lesions: Diagnostic Criteria, Imaging Characteristics, and Pitfalls

Catherine S. Gless, Robyn L. Birdwell

Nov 8 2011

Digital Breast Tomosynthesis: Update on Technology, Evidence, and Clinical Practice

2025-03-01 08:53:04

## 6. Extract and Enter Article Information

For each article in the selected category, perform the following steps:

### a. Extract the Article Title

1. Navigate to the article detail page from the Radiographics website.
2. Highlight and copy the title of the article.
3. Paste the title into the corresponding cell in the **Title** column of your spreadsheet.

## b. Copy the Author List

1. Highlight the author list from the article page.
2. **Tip:** To remove extra spaces or unwanted line breaks, paste the text into your browser's address bar first, then copy it again before pasting it into the **Author List** cell.

## c. Extract the DOI

1. Locate the DOI link on the article page.
2. Copy the DOI (as a URL).
3. Paste it into the **DOI** column cell for that article.

## d. Enter the Year

1. Identify the article's publication year from the page (e.g., 2019).
2. Type the year into the **Year** column cell.

## e. Set the Residency Year and Level

1. Determine the residency year for which the article is intended (e.g., R1).
2. Select the appropriate option from the **R Year** drop-down menu.
3. Identify the article level (e.g., Basic, Intermediate, or Advanced).
4. Select the correct level from the **Level** drop-down menu.

## f. Extract the Abstract

1. Highlight the abstract text from the article page and copy it.
2. To clean the text from any extra line breaks or spaces, paste the abstract into your browser's address bar and copy it again.
3. Paste the cleaned abstract into the **Abstract** column cell for that article.

The screenshot shows a dual-monitor setup. The left monitor displays a Google Sheets spreadsheet with a green border around the 'Abstract' column. The right monitor displays a web page from pubsn.org for the journal RadioGraphics, specifically Vol. 39, No. 2. A purple box highlights the article title 'Digital Breast Tomosynthesis: Physics, Artifacts, and Quality Control Considerations'. A yellow box highlights the author list: Nikki Trada, Guang Li, David Dreizin, Luke Robinson, George Chouliaras, Serge Dromi, Thomas Ernst. A pink box highlights the abstract text.

## 7. Repeat the Data Extraction Process

1. Return to the Radiographics Top 10 Reading List.
2. Repeat the extraction steps (Section 6) for each article across various categories and residency years.
3. Delete any extra rows that may have been added if you end up with more rows than necessary.

## 8. Finalize and Beautify Your Spreadsheet

1. Review the entire spreadsheet to ensure all data is consistent, well-formatted, and cleansed of unnecessary spaces or characters.
2. Adjust column widths and apply any additional formatting (e.g., bolding titles) to improve the visual appeal.

The screenshot shows a comparison between a local Google Sheets file and a published article list on the RSNA RadioGraphics website. The Google Sheets file contains a single row of data with columns for Title, Author List, Year, DOI, R year, and Level. The published list on the right shows a curated reading list for breast imaging residents, with the first item being the same article from the Google Sheets file.

## 9. Completion Notification

1. Once all articles are entered and the spreadsheet is finalized, notify the end user that their Google Sheets file is ready to be used.
2. Save any changes made to the spreadsheet and share it with relevant stakeholders if needed.

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## Questions or Clarifications

If any of the following details are unclear, please consider these questions:

- Do you require any additional columns beyond those mentioned (Title, Author List, DOI, Year, R Year, Level, Abstract)?
- Are there any specific formatting details (e.g., specific colors for drop-down menus) that need to be applied?
- Should the guide include any automated methods (e.g., scripts) to streamline any of the data entry processes?

This concludes the step-by-step guide.