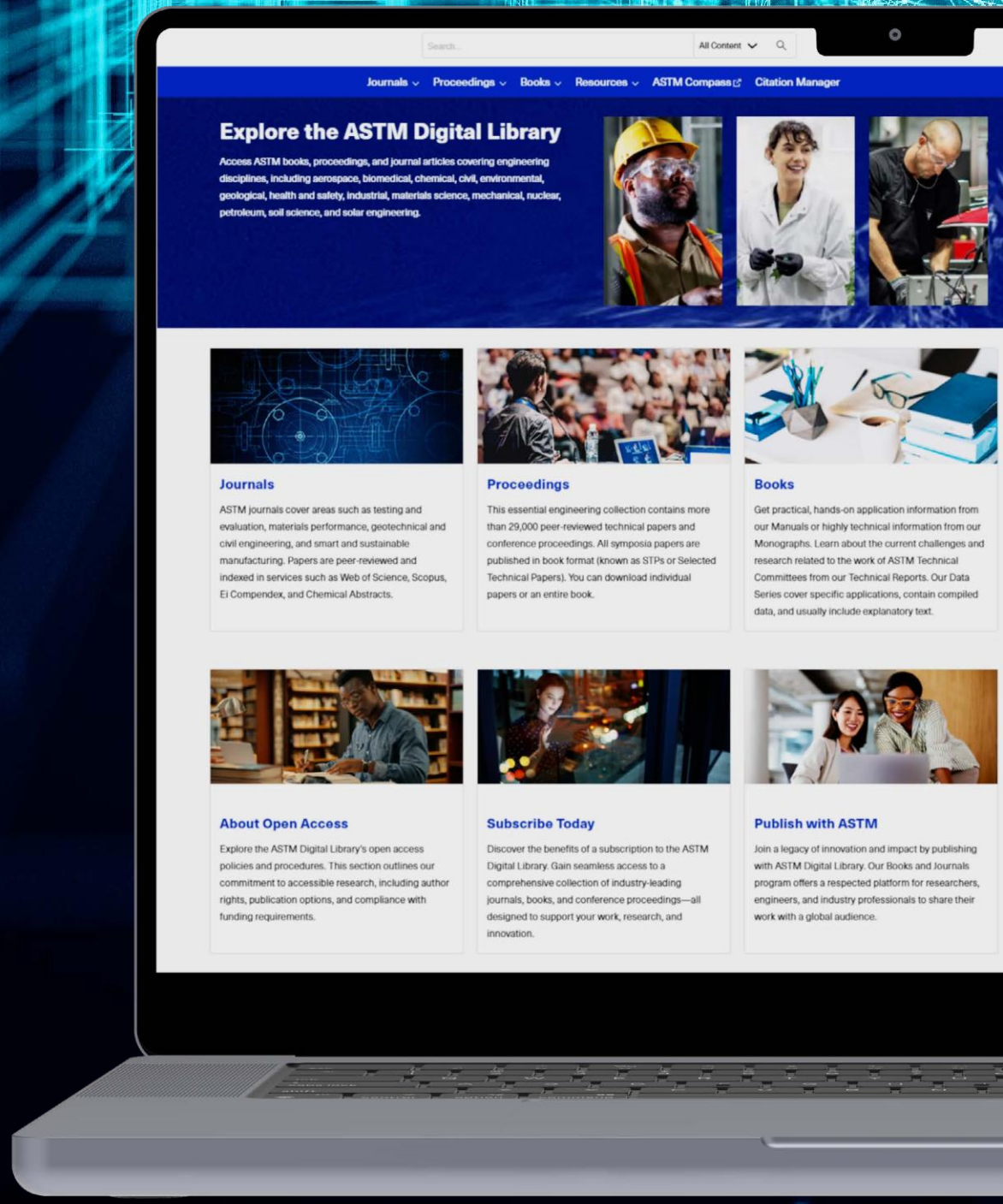
ASTM INTERNATIONAL | DIGITAL LIBRARY

QUICK REFERENCE GUIDE

ASTM Digital Library on Silverchair



dl.astm.org

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For questions, comments, or suggestions please contact| aenormas@aenor.com tel +34 4326032

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Introduction

For questions, comments, or suggestions please contact| aenormas@aenor.com tel +34 4326032

Welcome to the ASTM Digital Library General User Guide. This guide is designed to help users navigate the ASTM Digital Library on the Silverchair platform with confidence and ease.

Whether you're searching for journal articles, proceedings papers, technical books, or topic-specific collections, this resource will guide you through exploring, accessing, and managing content efficiently.

It also highlights platform tools such as advanced search refinements, citation management, personalization features, and navigation tips to maximize your research experience.

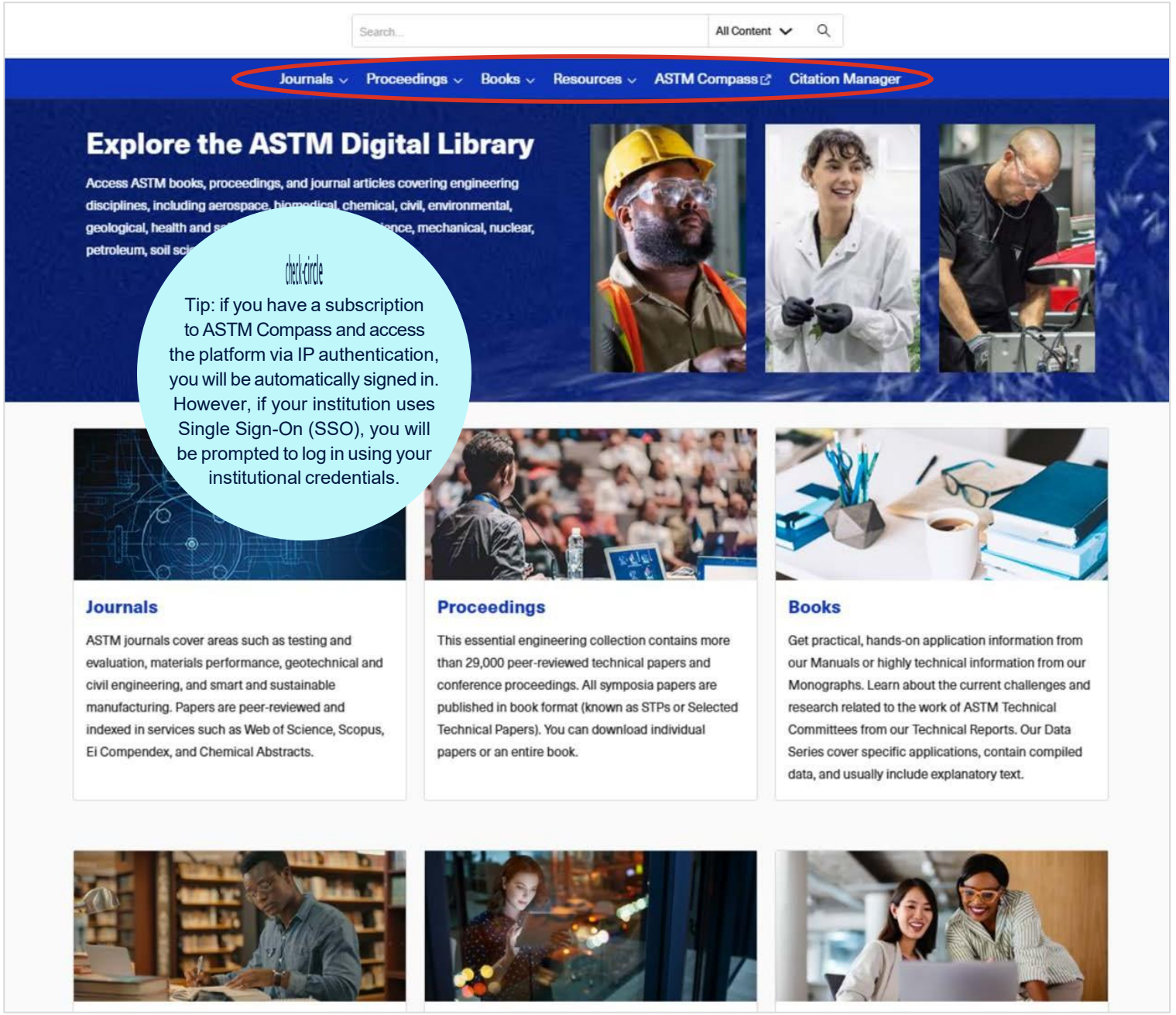
Homepage Overview and Navigation

The ASTM Digital Library homepage serves as your central access point for exploring ASTM's extensive engineering and technical content.

TOP NAVIGATION BAR

Located at the top of the page, the navigation menu offers quick access to:

- Journals
- Proceedings
- Books
- Resources (including support materials and tools)
- ASTM Compass (external link to the platform).
- Citation Manager (for saving and exporting references)



Homepage Overview and Navigation

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In addition, each tile on this homepage is a gateway to a key content area or resource:

JOURNALS
Access scholarly, peer-reviewed technical articles

PROCEEDINGS
Find over 1,500 published Proceedings (Selected Technical Papers)

BOOKS
Get practical, committee-driven manuals, monographs, data series, and technical reports.

ABOUT OPEN ACCESS
Understand ASTM open access policy

SUBSCRIBE TODAY
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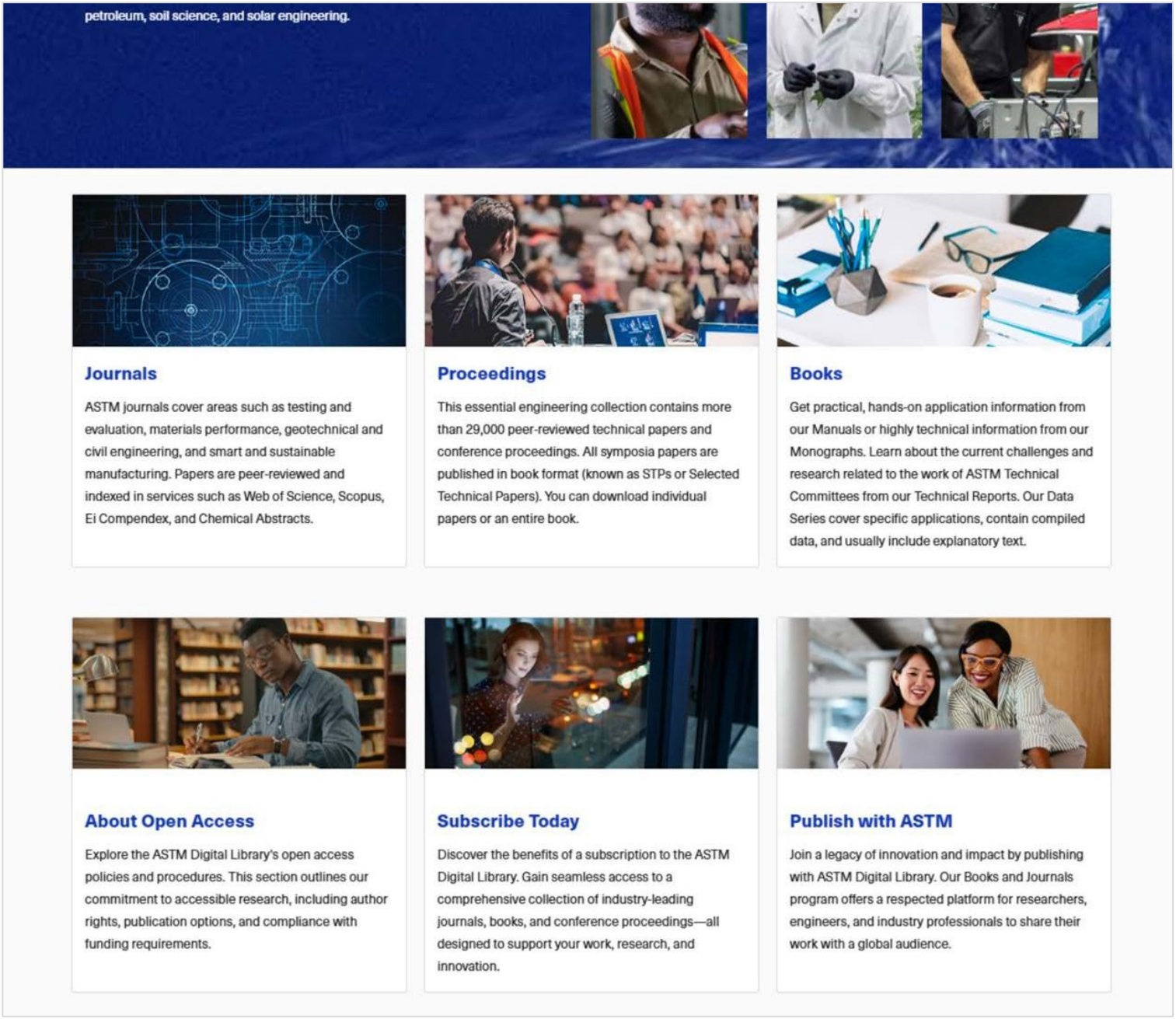
Learn how to publish your work



Homepage Overview and Navigation

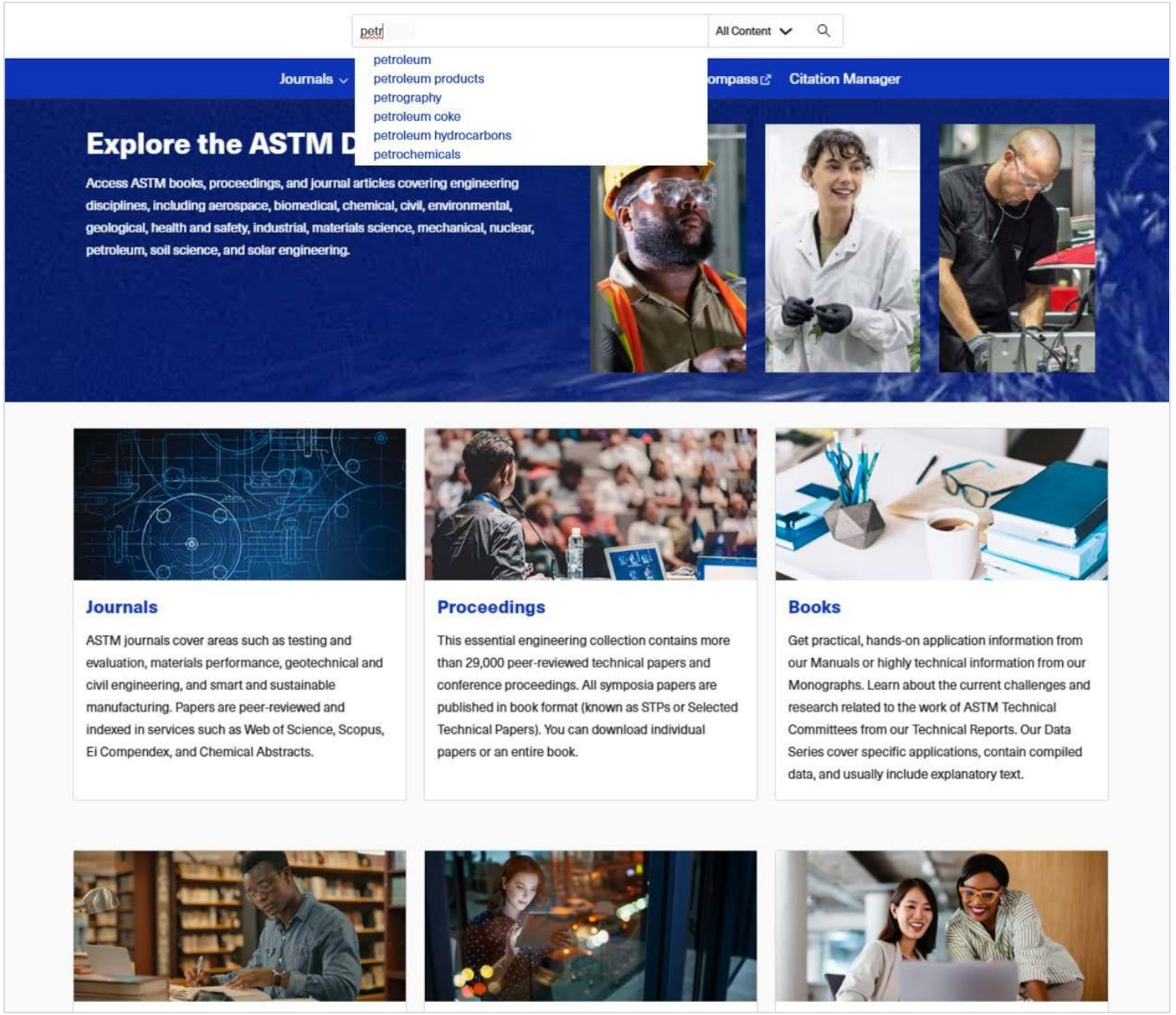
The ASTM Digital Library provides two flexible ways to search for content:

1

Search Bar with Type-Ahead
Located at the top of every page, the search bar features a type-ahead function that automatically suggests relevant terms as you type, enabling you to quickly find topics, terms, and documents across all content types.

2

Search Refinement Menu
For more targeted results, users can use search refinements on the search results landing page to refine their query by DOI, ISBN, Format, Journal, Article Type, Book Series, and much more. This tool is perfect for users who know exactly what they want or wish to filter results using specific criteria. We'll walk through the search in more detail in the sections that follow.



SEARCH BAR

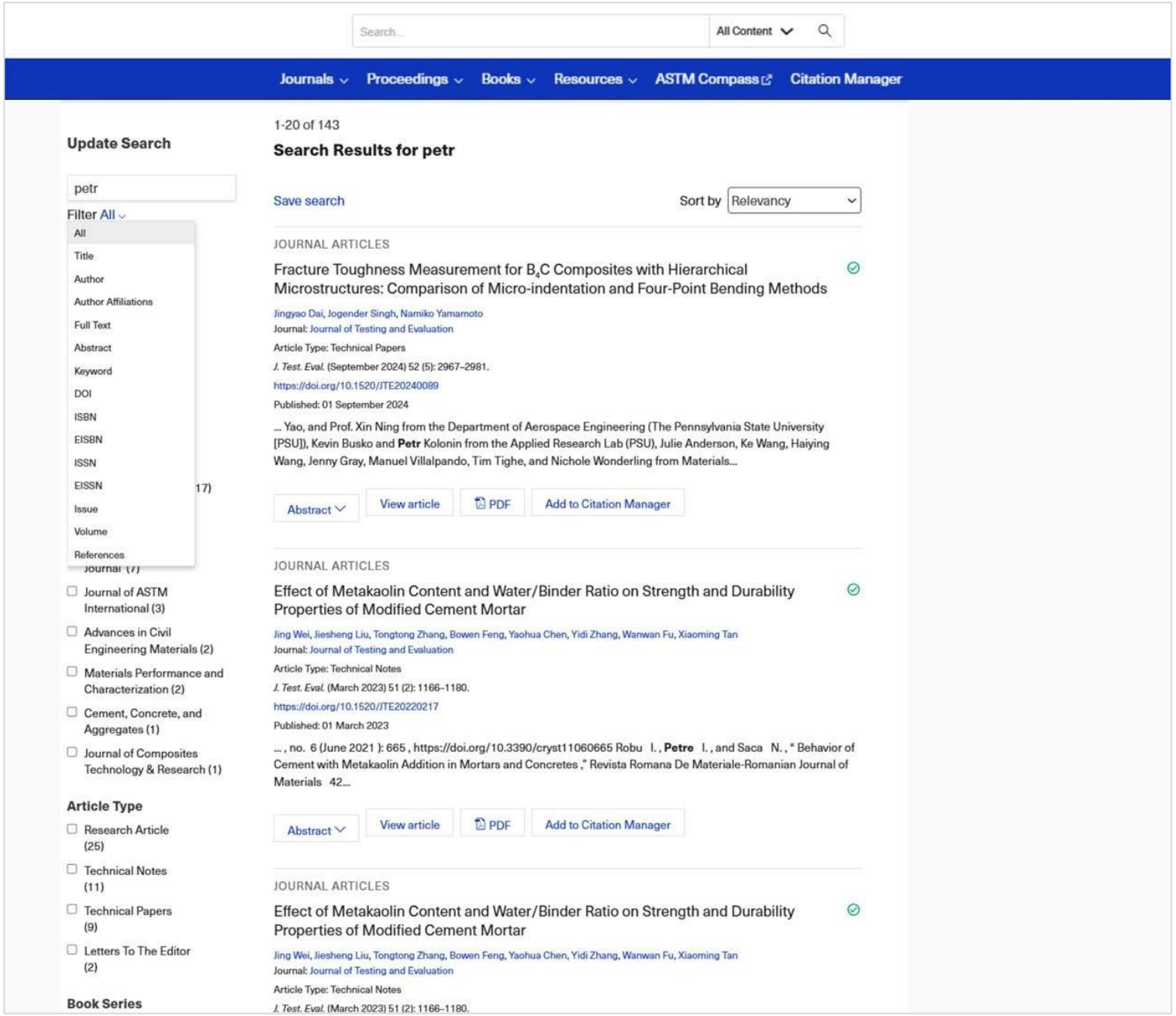
The search bar located at the top of the page offers a dynamic type-ahead search function to help users quickly find relevant content:

- For example, begin typing a keyword (e.g., “Petr”) into the search bar at the top of the page.
- As you type, a drop-down list of suggested terms will automatically appear. These suggestions are based on commonly searched or indexed terms in the Digital Library.
- The list updates with each keystroke, refining suggestions to better match your input.
- Click on any suggestion to instantly launch a search for that term across your selected content type.

SEARCH REFINEMENT MENU

The Refinements menu, found on the left side of the search results page, allows you to refine your query by targeting specific fields within the metadata. This assists users in locating relevant content more precisely, particularly when searching for known items or specific attributes.

The Filter dropdown at the top of the refinement menu offers a wide range of targeted search options, allowing users to narrow results by specific fields such as Title, Author, Author Affiliations, Full Text, Abstract, Keyword, DOI, ISBN, ISSN, Volume, Issue, and References, among others. This helps refine search precision and improves content discovery.

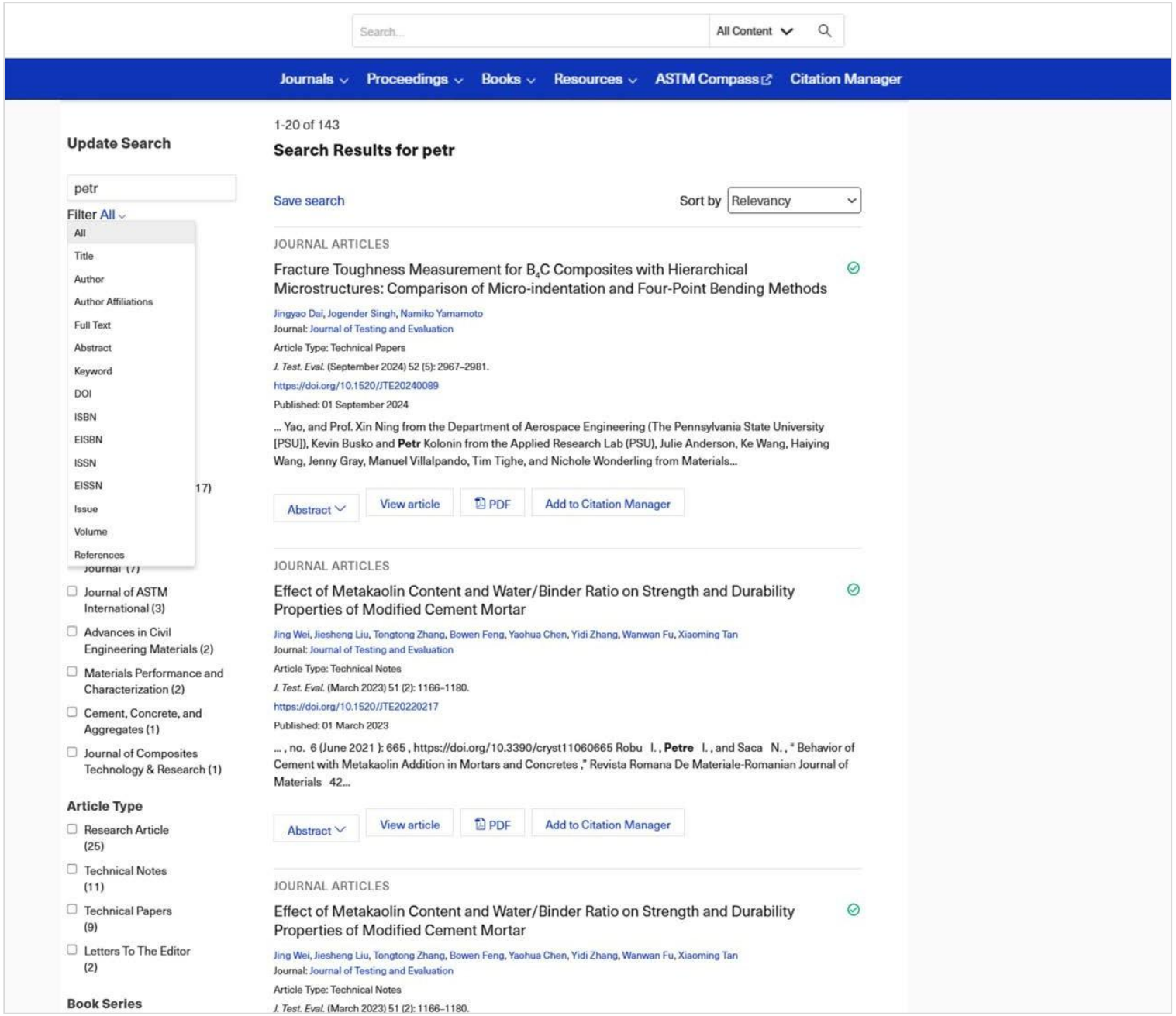


ADDITIONAL REFINEMENT RESULTS INCLUDE

Refine results by content format
- Journal Articles: peer-reviewed scholarly articles.
- Book: entire books or monographs.
- Book Chapter: individual chapters from books.
- Images: standalone visual or graphic content.

Limit results to specific ASTM journals
TIP: You can check multiple boxes to include several journals.

Filter by type of publication
- Research Article: original research findings.
- Technical Papers: focused engineering or scientific studies.
- Review Articles: summaries of existing research.
- Technical Notes: brief reports or case studies.



Book Series: Narrow your results to a specific ASTM book series:

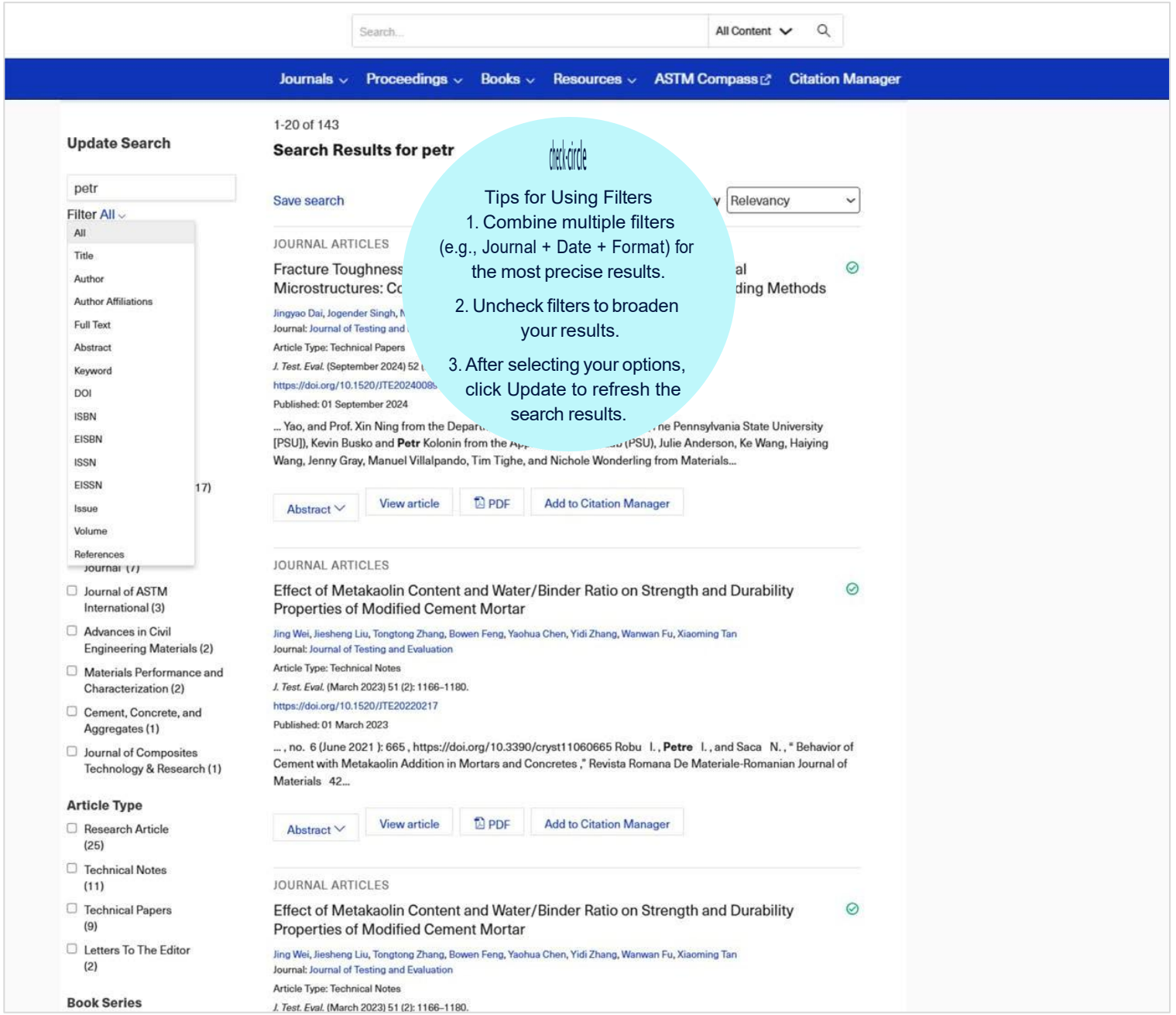
- Conference Proceedings/Selected Technical Papers (STPs): peer-reviewed symposium papers.
- Manuals: practical application guides
- Monographs: in-depth, single-topic study
- Data Series: compiled technical data
- Technical Reports

Issue Section: Refine by how content is grouped within a publication:

- Research Papers: comprehensive studies.
- Technical Manuscript: detailed technical documentation.
- Technical Papers, Review Articles, Technical Notes, and more.

Date: Control the time range of your results:

- Date Range: Enter a start and end date to search within a specific time period.
- Single Date: Find items published on a specific day.



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EXPLORING ASTM DIGITAL LIBRARY CONTENT BY TYPE AND TOPIC

The ASTM Digital Library provides multiple ways to explore and interact with a wide range of authoritative content. In addition to search, users can browse dedicated landing pages and curated topic collections tailored to specific industries and research needs.

EXPLORE BY CONTENT TYPE

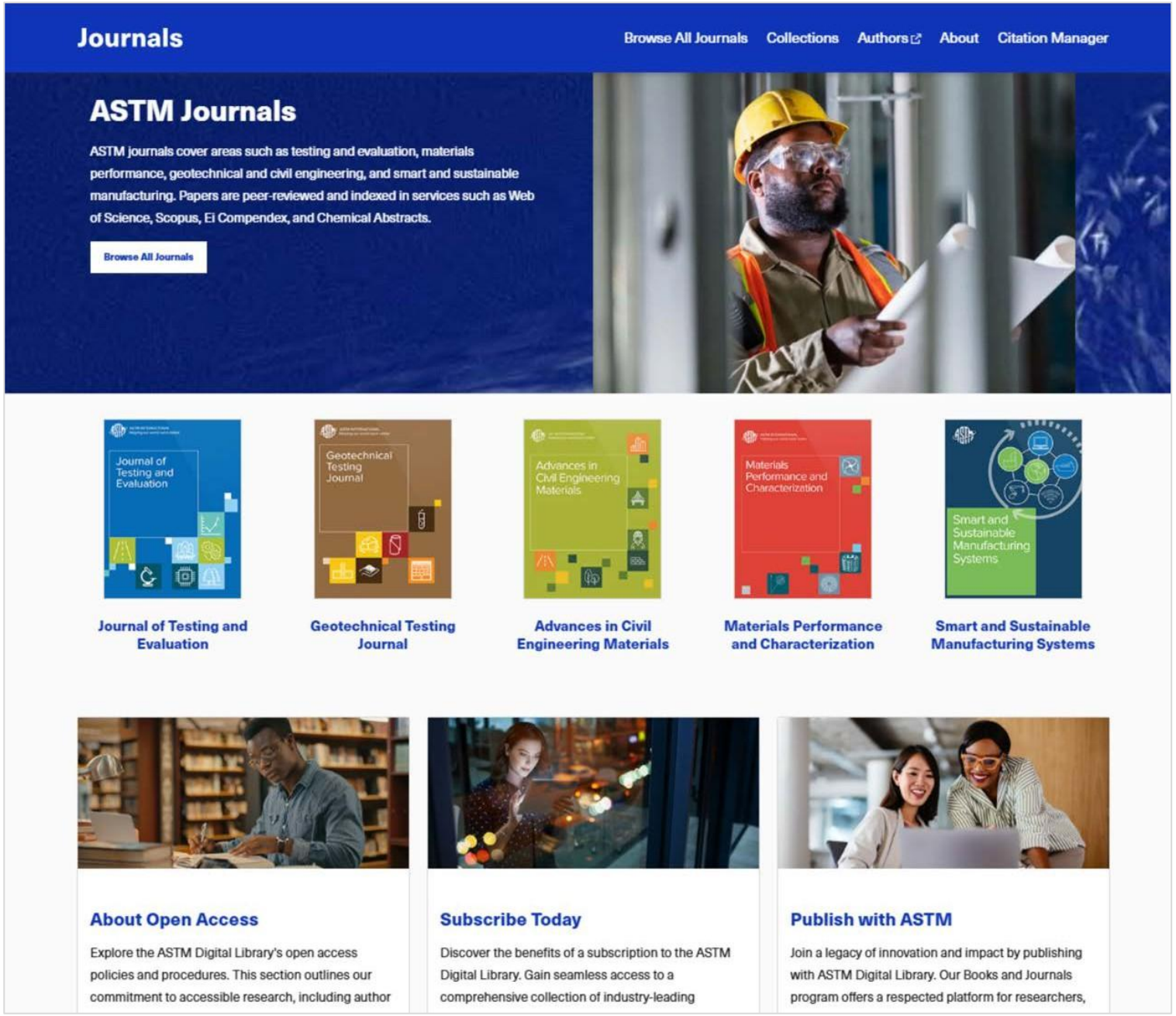
You can access content across several primary formats:

Journals
View a complete list of ASTM's active peer-reviewed journals. Each journal has its own homepage, featuring the latest issues, most-read or cited content, Open Access information, and author submission details.

Conference Proceedings (STPs)
Explore Proceedings (STPs) coming from ASTM Symposia.

Books
Browse ASTM's authoritative book series, including:
- Manuals
- Monographs
- Data Series
- Technical Reports

Topic Collections
Discover curated content grouped by key industries such as:
- Consumer Goods
- Petroleum
- Metals
- Construction



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CONTENT LANDING PAGES

Each journal issue and article, book and book chapters, or proceeding and proceedings papers include a dedicated landing page that provides:

- Easy navigation by issue, volume, or chapter
- Access to the most recent, most-read, and most-cited publications
- Introductory or editorial content related to the publication

These homepages help streamline access to related content and support deeper engagement with the publication or series.

SHARED TOOLS ACROSS ALL CONTENT TYPES

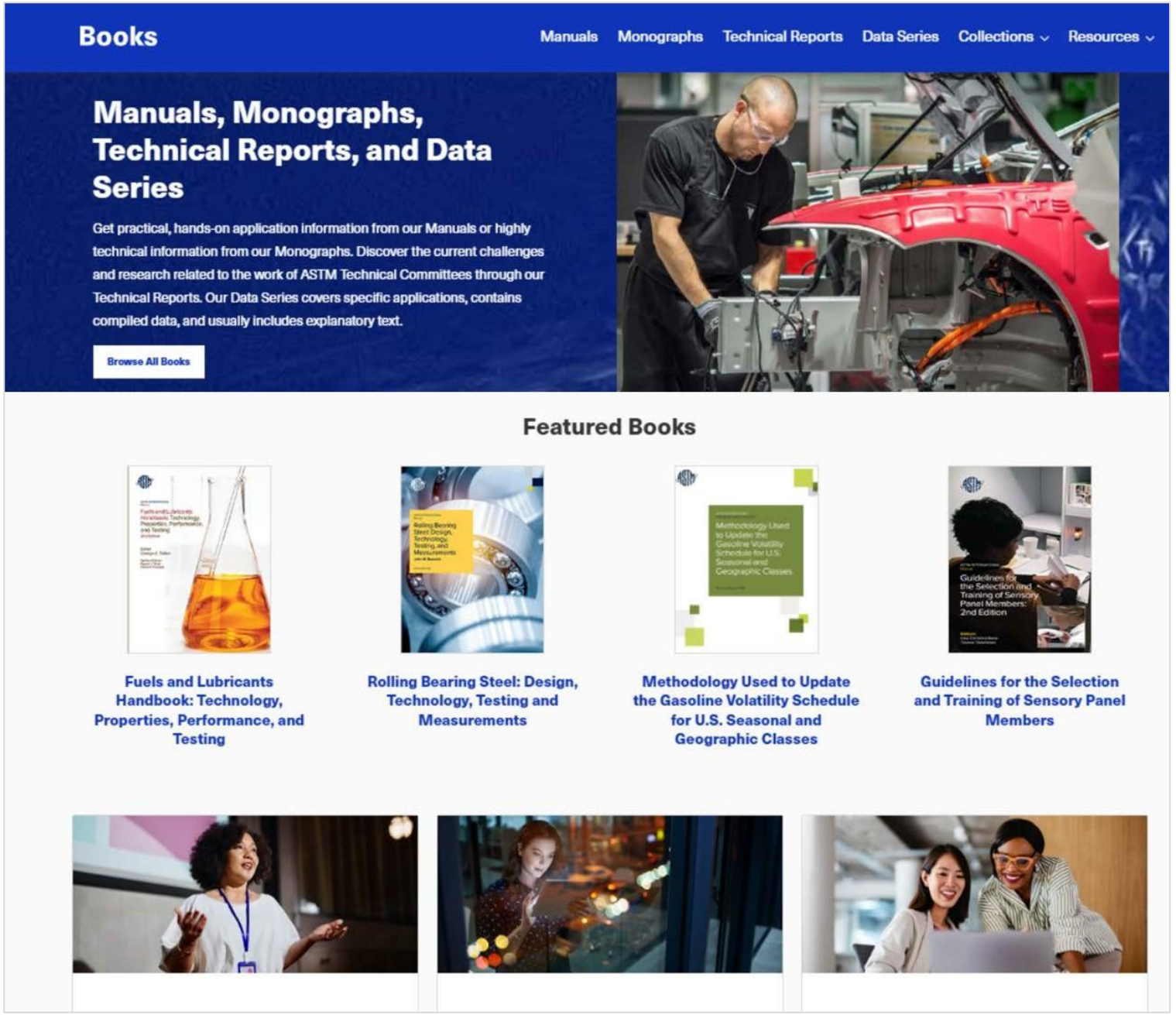
Whether you're reading a journal article, book chapter, or conference paper, the ASTM Digital Library provides a consistent set of tools and features:

Citation Tools
Export references in multiple formats (APA, MLA, Chicago, RIS, BibTeX, etc.) and send to popular reference managers like EndNote, RefWorks, and Mendeley.

Download PDF
Access content offline via secure, watermarked PDF downloads.

Split-Screen View
Read the main content alongside figures or references.

Share Options
Email or share content on social media.



Author Profiles
Click on any author's name to view their affiliation, ORCID (if available), other publications in the ASTM Digital Library, and external research profiles (e.g., PubMed, Google Scholar).

Related Content
Discover similar articles, papers, or chapters for extended research.

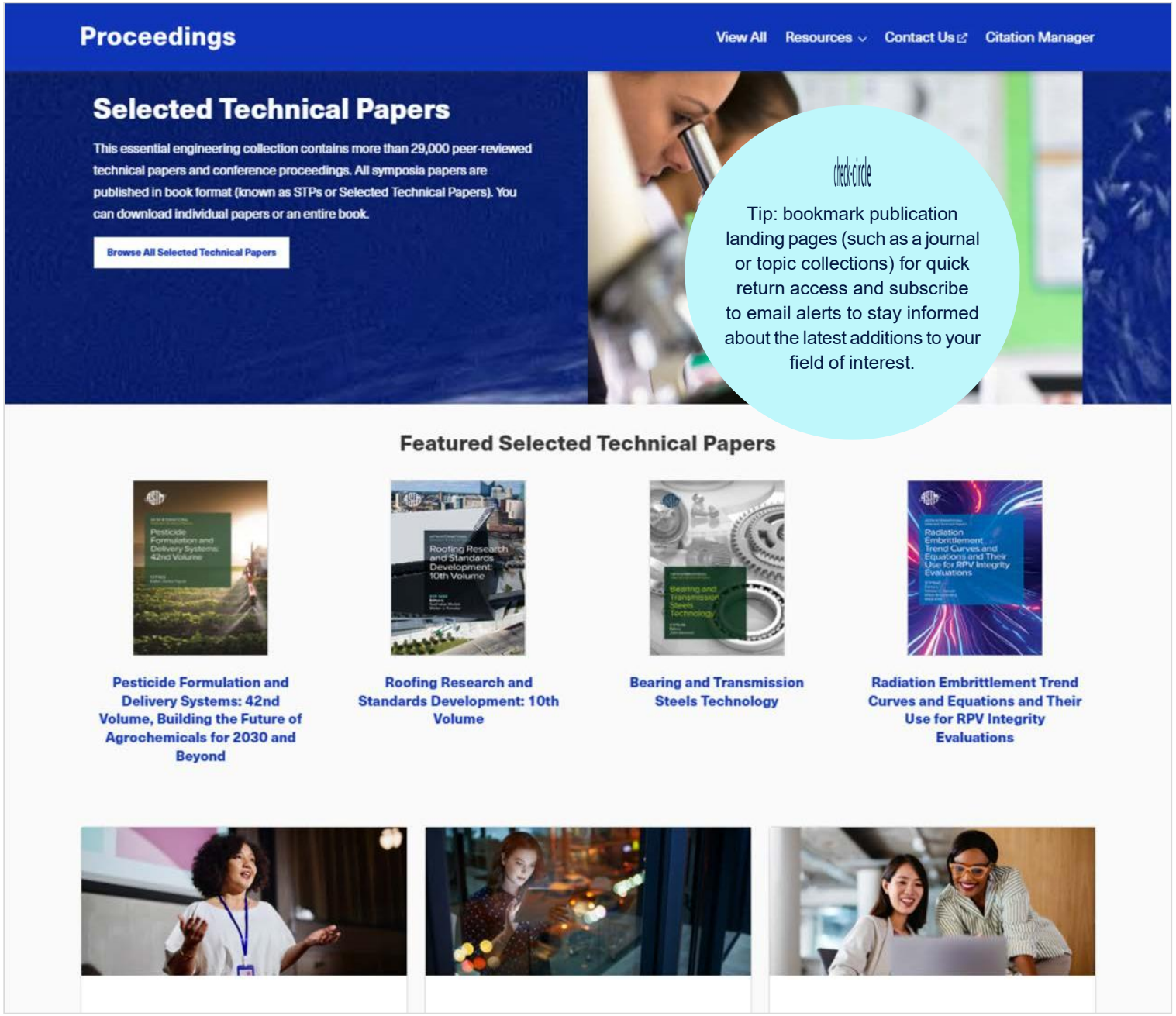
Email Alerts
Subscribe to be notified when new issues, volumes, or relevant items are added to a journal, book series, or proceedings.

CONSISTENT, INTUITIVE EXPERIENCE

Regardless of the type of content you're viewing, the platform's layout remains familiar and easy to use. Once you understand how to interact with journal articles, you'll find the same experience applied to:

- Book chapters
- Proceedings papers
- Topic collection items

This design consistency makes it easy to navigate across formats and ensures that essential tools, such as citation export, download, and sharing, are always accessible.



HOW TO USE THE CITATION TOOLS ON THE ASTM DIGITAL LIBRARY

We know that for scholarly publishers and researchers, citation tools are not just conveniences—they are critical components of responsible, efficient, and impactful research.

The ASTM Digital Library offers two powerful tools to help streamline citation management during your research: the CITE tool and the Citation Manager.

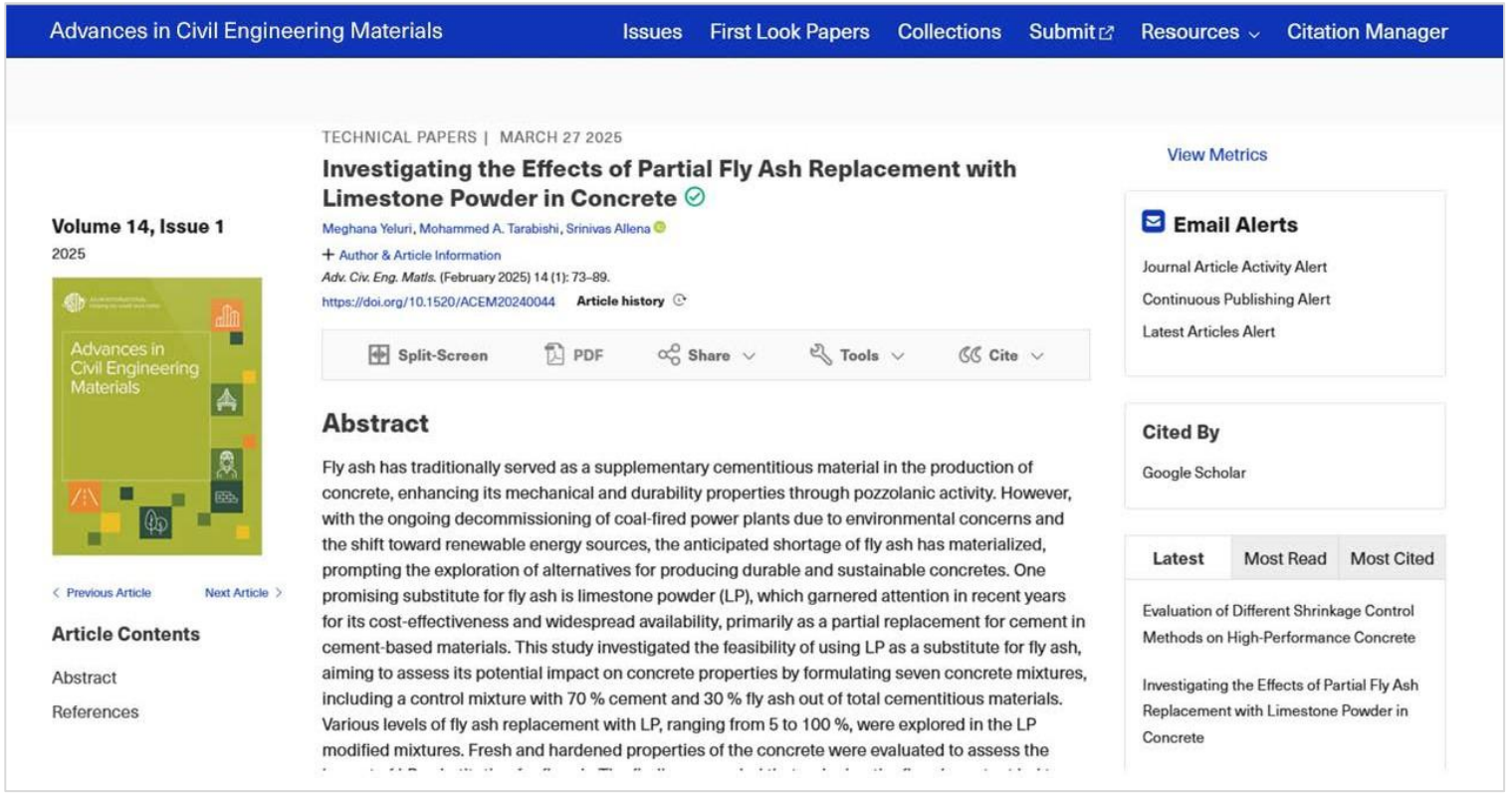
1

CITE Tool
Located directly beneath the title on any relevant content pages, the CITE tool enables two key actions:

View Citation
Instantly view a formatted citation including all authors, title, publication details, and DOI.

Download Citation File
Choose from a variety of formats compatible with reference managers:

- RIS (Zotero)
- Reference Manager
- EasyBib
- Bookends
- Mendeley
- Papers
- EndNote
- RefWorks
- BibTeX



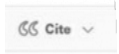
2

Citation Manager Tool

In addition to the CITE tool, you can click Add to Citation Manager on relevant content. This sends the citation to the Citation Manager, accessible from the top navigation bar on any page.

How to Use the Citation Manager:

01

While reading or browsing content, click the CITE button. 

02

In the citation window, click Add to Citation Manager.

03

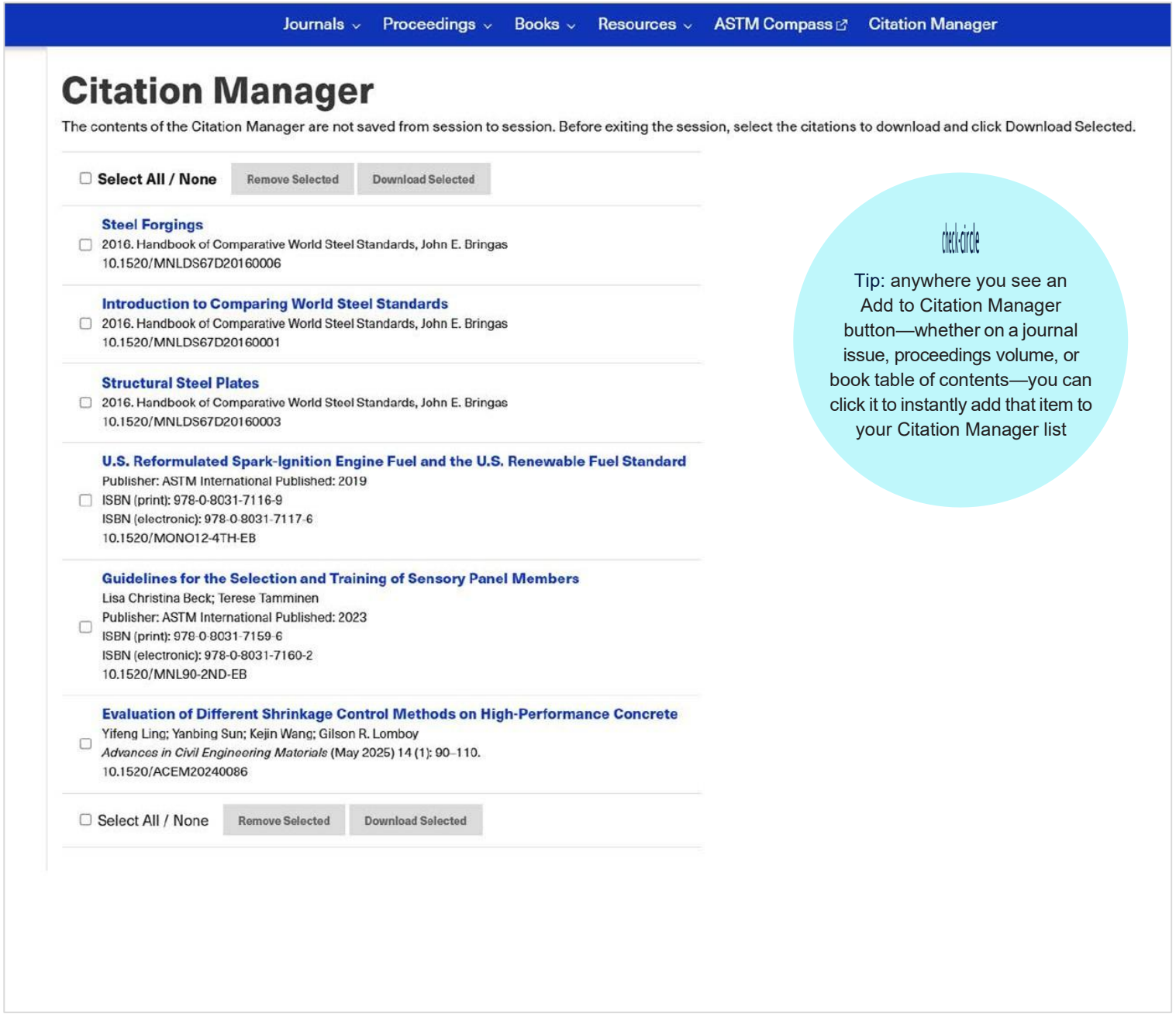
Navigate to the Citation Manager via the top menu to view your collected list.

04

Select the citations using checkboxes, then click Download Selected to export.

05

Important: Be sure to download your citations before ending your session—the list is not saved once your browser window is closed.



check-circle

Tip: anywhere you see an Add to Citation Manager button—whether on a journal issue, proceedings volume, or book table of contents—you can click it to instantly add that item to your Citation Manager list

KEY FEATURES AND FUNCTIONALITY OF CITATION MANAGER

Citation List

Displays each saved item with:

- Title (linked to article)
- Authors
- Publication name and date
- DOI or ISBN

Select & Manage Citations

- Use checkboxes to select items individually or all at once.
- Select All/None options are available for bulk actions.
- Remove Selected to delete items.
- Download Selected to export in your chosen format.

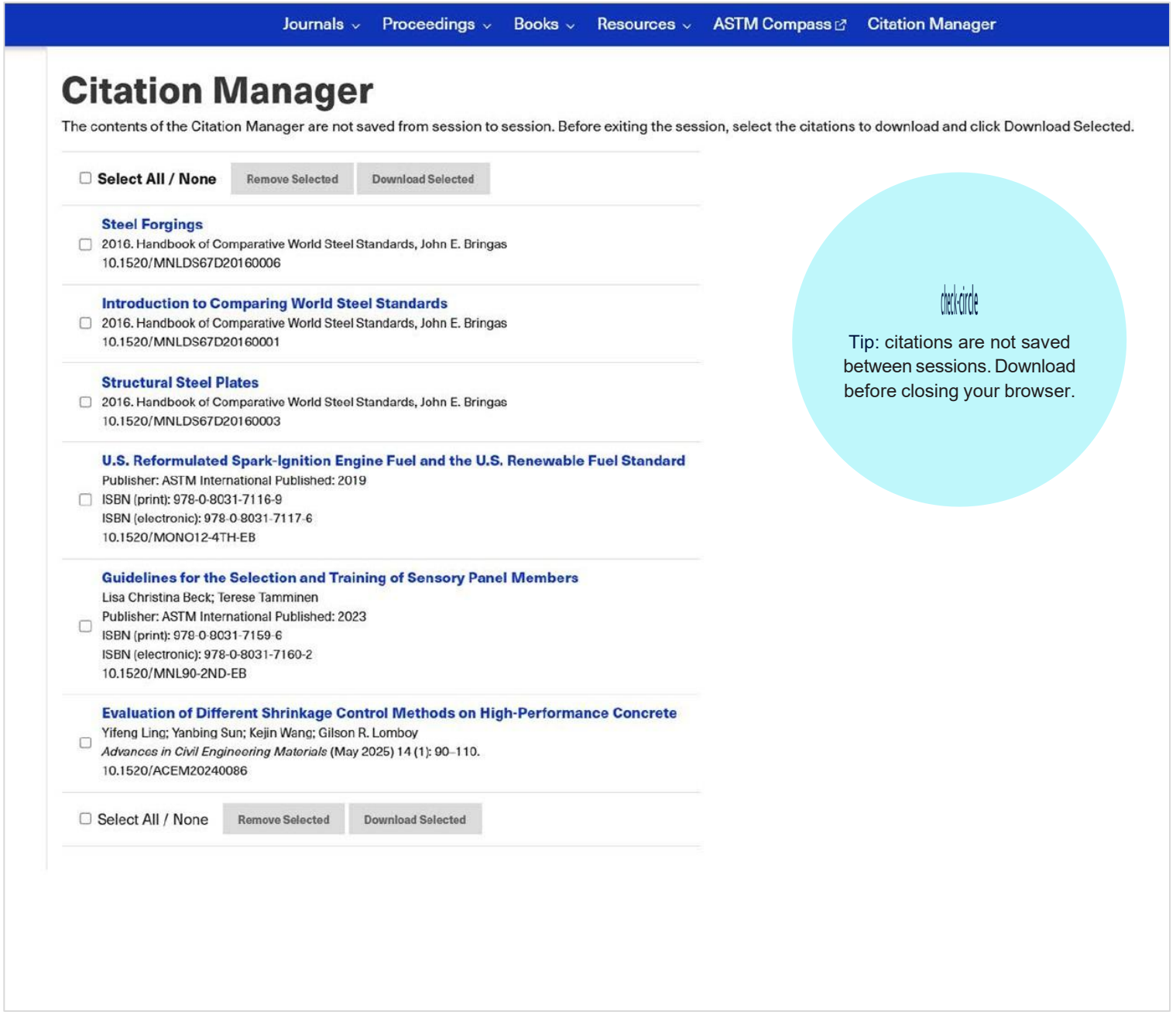
Citation Export

Supports export to popular formats, including:

- EndNote
- Zotero (RIS)
- Mendeley
- BibTeX
- RefWorks

WHY USE IT?

- Conveniently compiles references across multiple articles during a session.
- Reduces the risk of missing important sources.
- Easily exports all your selected citations to your preferred reference tool.



USING PERSONALIZATION TOOLS ON THE SILVERCHAIR PLATFORM

The Silverchair platform includes Personalization Tools designed to help users customize their research experience and streamline access to relevant content.

TIP: Even if you access the ASTM Digital Library through an institutional subscription, you'll need to create and log into a personal account to set up email alerts and save preferences. Use the Sign In or Register for Account option located in the top right-hand corner of the screen.

KEY PERSONALIZATION FEATURES

How to Set Up Email Alerts on the Silverchair Platform

The Email Alerts feature on the Silverchair platform keeps you up to date with the latest content, including new journal issues, articles, or books relevant to your research interests. Alerts are easy to subscribe to and help ensure you never miss important updates.

Setting Up Email Alerts

01

Locate the Email Alerts Section

While viewing a journal issue or journal article page, book page, look to the right-hand sidebar for a box labeled Email Alerts.

You'll see options like:

– Latest Issue Alert
– New Book Alert
– Activity Alert (on article pages)

Personalization Tools

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02
Click on the Alert Type
– Click the alert link (e.g., Latest Issue Alert or New Books Alert).

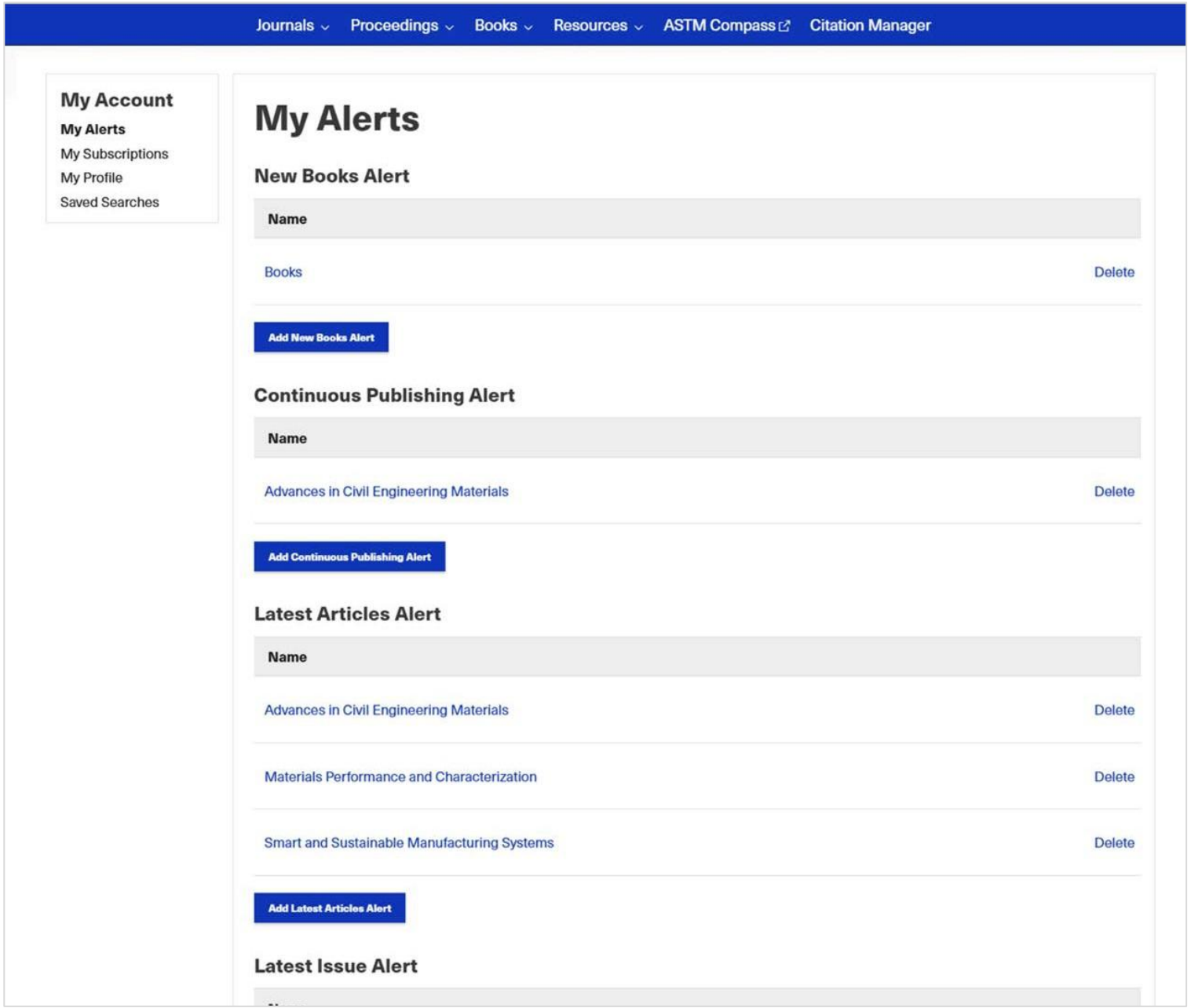
03
Confirm Your Preferences
– After clicking, your alert preferences will be saved to your profile.
– You may be directed to a settings page where you can manage alert frequency or unsubscribe at any time.

MANAGING YOUR ALERTS

To view or update your email alert settings:
01
Sign in and navigate to your account, located in the top right-hand corner.

02
Navigate to My Alerts.

03
Modify, add, or remove alerts as needed.



Saved Searches

The Saved Search feature on the Silverchair platform lets you store search queries so you can easily run them again later—perfect for tracking ongoing topics or monitoring new publications in your area of interest.

STEPS TO SAVE A SEARCH:

Perform a Search
Use the search bar at the top of any page to enter your keywords or phrases..

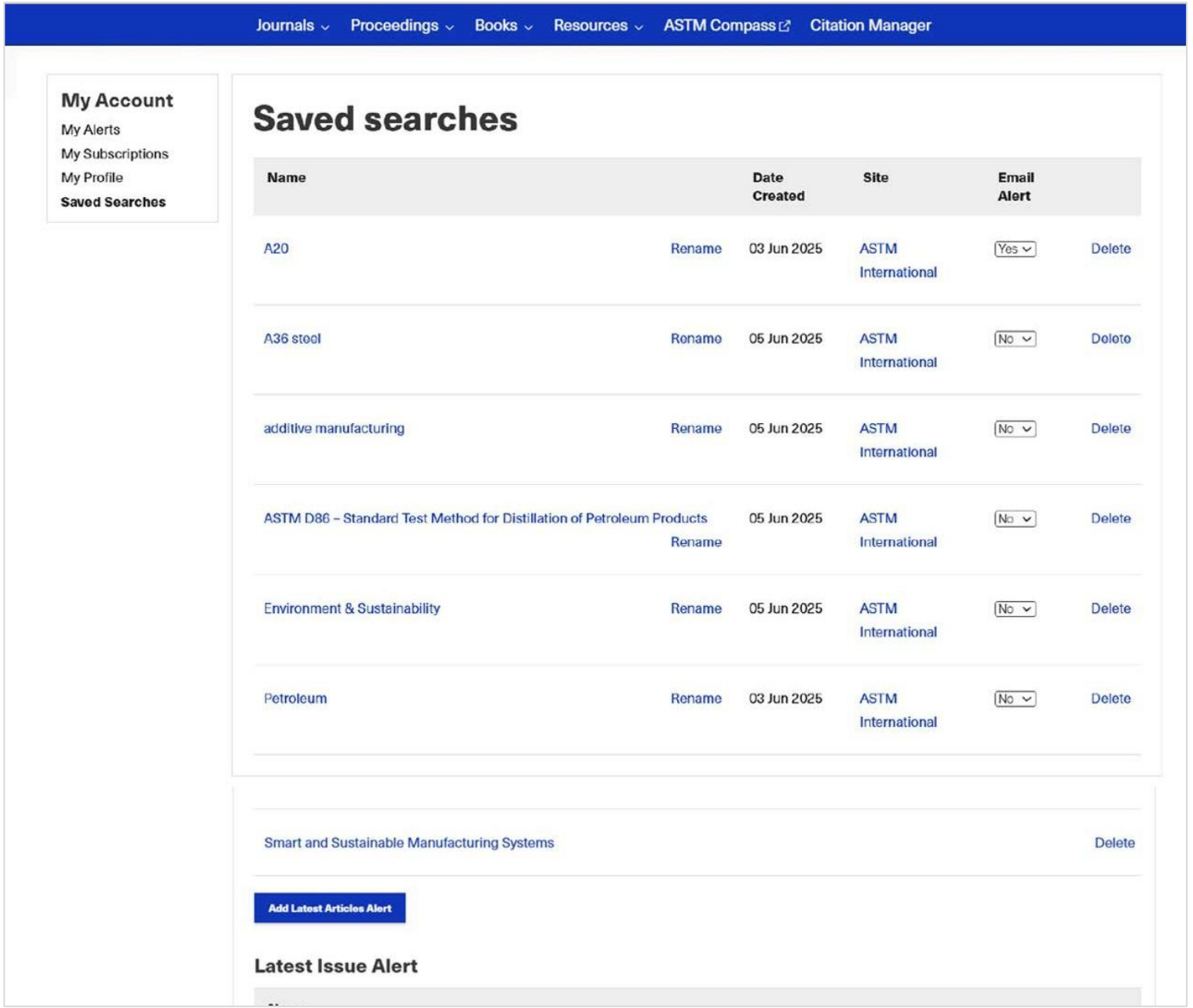
Refine Your Results
Continue refining your results on the search results page by applying filters or sorting options to find the most relevant content.

Click “Save Search”
At the top of the search results page, look for the Save Search button.

Name Your Search
Give your saved search a name that helps you identify it later (e.g., Additive Manufacturing Standards or Sustainable Concrete Research).

Follow This Search
Select Yes if you’d like to receive alerts when new content matching your search is added to the site.

Access Your Saved Searches
After saving, you can view and rerun your saved searches by navigating to the My Account or Dashboard area and selecting Saved Searches.



ACCESSING ADDITIONAL RESOURCES FROM THE NAVIGATION BAR

The ASTM Digital Library offers a range of support resources to help users maximize their experience. These can be easily accessed through the top navigation bar under the “Resources” dropdown menu.

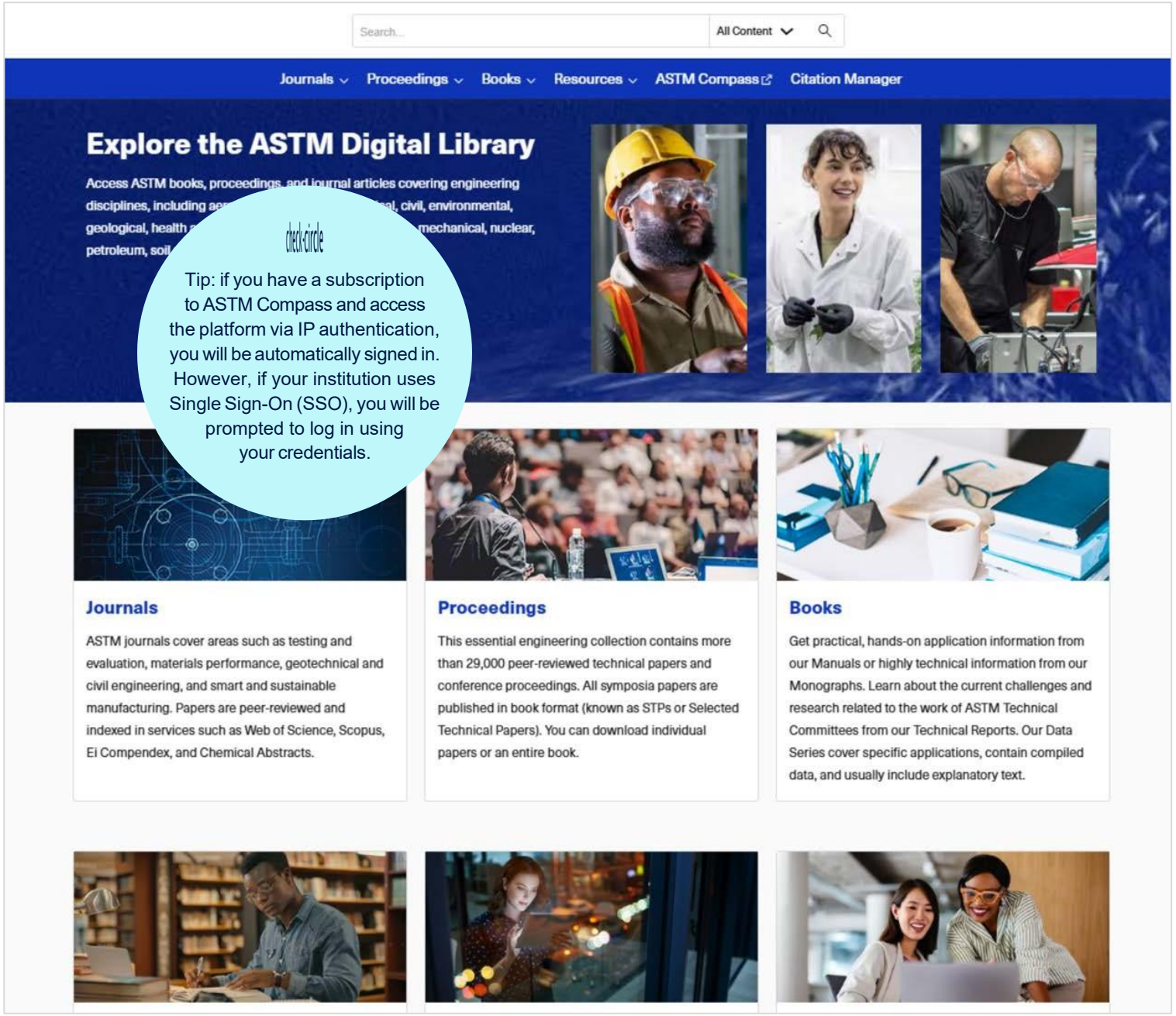
Where to Find It
On any page within the ASTM Digital Library, look to the top of the screen. The navigation bar includes links for:

- Journals
- Proceedings
- Books
- Citation Manager
- ASTM Compass
- And a dropdown labeled Resources

What You’ll Find Under “Resources”
About: Learn more about the scope and mission of the ASTM Digital Library and how it supports researchers, engineers, and standards developers across industries.

Authors: Find resources for current and prospective authors, including submission guidelines, author rights, and publishing opportunities with ASTM.

Librarians: Access tools and information specifically designed for librarians, including subscription support, usage statistics information, authentication setup, and promotional materials.



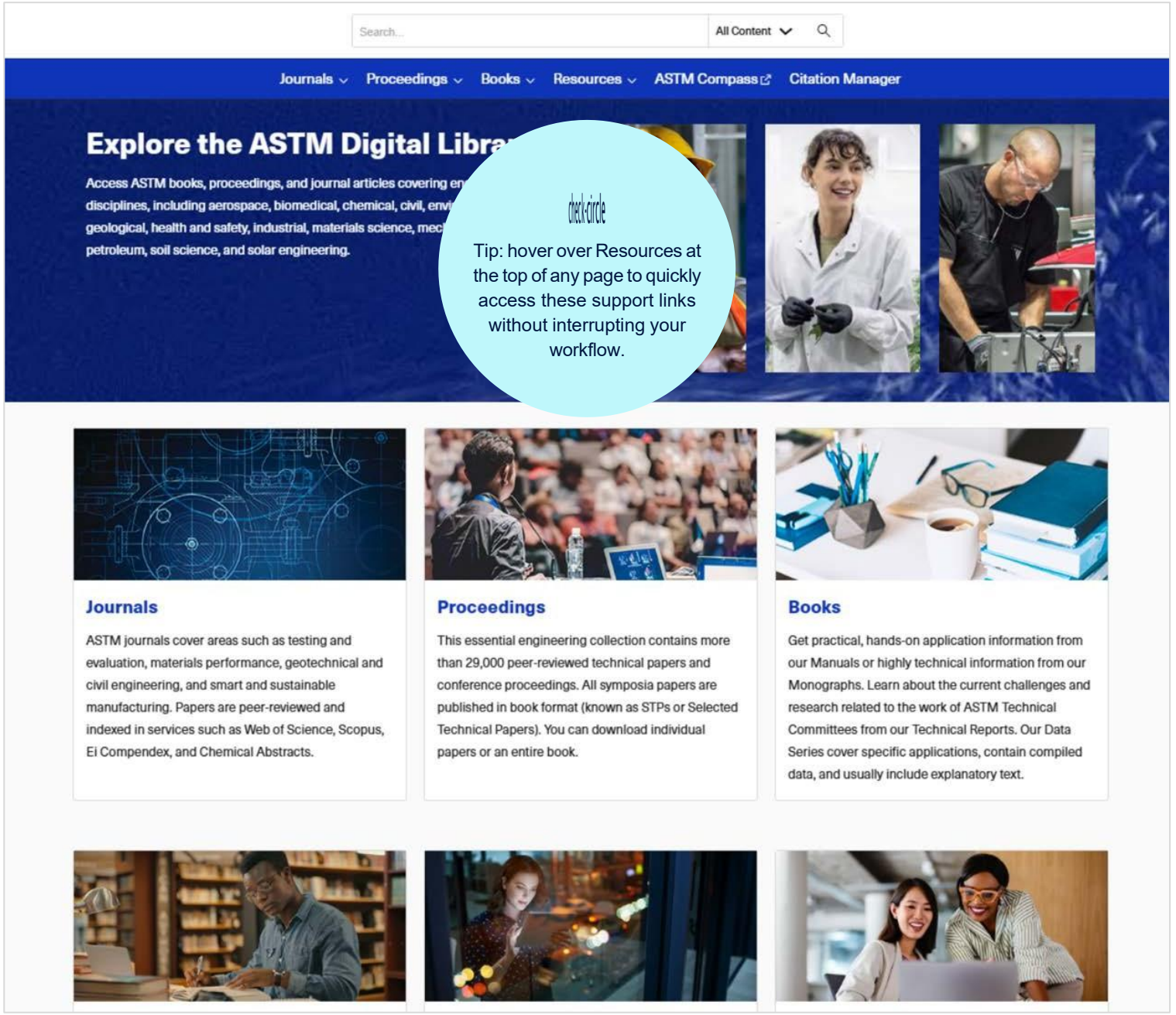
Additional Resources

Users: Explore user-focused help materials, including navigation tips, platform tools, personalization options, and feature guides for readers and researchers.

FAQs: A helpful self-service section covering common questions about searching, downloading, accessing content, managing citations, and more.

ASTM.org: A direct link to the main ASTM International website for broader information about membership, standards development, and global activities.

Contact us: Need help? Contact ASTM support or sales for personalized assistance.



ADVANCING STANDARDS
TRANSFORMING MARKETS

Have additional questions, concerns or suggestions?

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