

GALE  
PRIMARY  
SOURCES  
SMITHSONIAN  
COLLECTIONS  
ONLINE  
操作指南2021



## 介绍

美国最著名的研究与教学机构史密森学会与Gale合作，发布了一系列来自史密森学会海量档案资料的在线典藏。这些典藏涵盖美国的历史、文化与创新。这使我们可以前所未有地访问美国最出色的文化和历史档案资源。

**GALE**  
**PRIMARY SOURCES**  
*Smithsonian Collections*  
*Online*

**Gale原始档案**  
**史密森学会在线典藏**

- 飞行的发展，1784-1991年
- 世界博览会与展览会：展望明天
- 贸易文献与工业商品化
- 《航空与航天》和《史密森学会会刊》典藏

- 提供丰富的内容访问

### 覆盖广泛

科学、技术、航空、航天、艺术、文化、历史、建筑和工业设计、美术及装饰艺术、医药、性别与民族研究、摄影，铁路、农业机械、交通、发电、建筑、钢铁、采矿、机动车等等

- 探索优化的检索结果

全新升级的平台，界面友好，适配主流移动终端设备，操作简单、快捷，更有针对性的研究学习辅助工具，帮助学者将更多的时间集中在信息的深度分析和挖掘中





# Interface 登录界面

The screenshot shows the Gale Primary Sources Smithsonian Collections Online interface. At the top, there is a navigation bar with the Gale logo, a search bar, and a sign-in option for Microsoft. Below the navigation bar, the main content area features a large banner image of a Gothic building. Underneath the banner, there is a section for 'SEARCHABLE ARCHIVES' with a checkbox to 'Select All/Deselect All Archives'. This section contains five archive cards, each with a checkbox and a representative image: 'Air & Space and Smithsonian Magazine Archive' (sailboat), 'Air & Space and Smithsonian Magazine Frontlist' (jet), 'Evolution of Flight, 1784-1991' (biplane), 'Trade Literature and the Merchandizing of Industry' (industrial machinery), and 'World's Fairs and Expositions: Visions of Tomorrow' (exhibition map). Below the archives, there is an 'ABOUT THIS RESOURCE' section with text describing the collaboration between Gale and the Smithsonian, and a 'PRESENTED IN COLLABORATION WITH' section featuring the Smithsonian logo. At the bottom, there is a 'SEARCH TOOLS' section with two tools: 'Topic Finder' and 'Term Frequency'. The footer contains the Gale logo, navigation links, and the slogan 'Gale, here for everyone.'

操作界面语言翻译/  
登录个人微软账户

浏览资源  
数据库介绍  
检索历史  
固定链接

资源介绍  
可转至史密森学会官网

分析工具

以检索“airplane”为例  
关键词检索有联想功能

The screenshot displays the GALE Primary Sources interface for Smithsonian Collections Online. At the top left is the GALE logo. The main heading reads "GALE PRIMARY SOURCES | Smithsonian Collections Online". A search bar contains the text "airplane" with a magnifying glass icon. A dropdown menu lists the following suggestions: "airplane", "Airplanes", "airplane's", "airplane crash", "airplane flight", "airplane hangar", "airplane engine", "airplane noise", "airplane pilot", "airplanes and helicopters", and "airplane seat". Below the search bar, a grid of search results is shown, each with a checked checkbox and a thumbnail image:

- Air & Space and Smithsonian Magazine Archive (Thumbnail: Viking Voyage of Discovery)
- Air & Space and Smithsonian Magazine Frontlist (Thumbnail: Predator Origins)
- Evolution of Flight, 1784-1991 (Thumbnail: Early aircraft)
- Trade Literature and the Merchandizing of Industry (Thumbnail: Electrical Department document)

At the bottom right of the page, there are navigation icons for Collections, Magazines, About, Search History, and Get Link.

# Result 检索结果

检索结果呈现  
当前分类下结果数量  
和排序/检索方式

The screenshot shows the Gale Primary Sources search results page for the keyword 'airplane'. The page header includes the Gale logo and 'Smithsonian Collections Online'. A search bar at the top left contains the keyword 'airplane'. To the right of the search bar are navigation icons for Collections, Magazines, About, Search History, and Get Link. Below the search bar, the page indicates 'SHOWING RESULTS FOR' and lists various content types with their respective counts: All Content Types (selected), Monographs (480), Manuscripts (5,432), Newspapers & Periodicals (18,081), and Magazines (3,957). Below this, there is a section for 'ALL CONTENT TYPES' with a search terms summary: 'Search Terms: Keyword: airplane' and a 'Revise Search' link. The main results section is titled 'MONOGRAPHS (480)' and lists three items:

- Handbook of Instructions for Airplane Designers: Engineering Division Air Service**  
Publisher: n.p. (Dayton, Ohio)  
Feb. 1921 2<sup>nd</sup> Edition 321 pages  
Archive: Evolution of Flight, 1784-1991 Collection: Collections related to Commercial Aeronautics
- From the History of Soviet Aviation: Aircraft of the S.V. Ilyushin OKB**  
n.d. 382 pages  
Archive: Evolution of Flight, 1784-1991 Collection: Collections related to Aeronautics
- Catalog No. 259, Sturtevant Airplane Engine**  
Author: B. F. Sturtevant Co.  
Publisher: B. F. Sturtevant Co. (Hyde Park; Boston, Massachusetts)  
n.d. 18 pages  
Archive: Trade Literature and the Merchandizing of Industry Collection: National Museum of American History Library Trade Literature Collection

On the right side of the page, there are several filter and utility sections:

- FILTER YOUR RESULTS**: A grid of buttons for filtering by Archives, Source Library, Document Type, Publication Date, Languages, Subjects, Author - Items By, Person - About, and Search Within.
- TOPIC FINDER**: A section with the text 'Discover topics and results related to your search.' and a 'Start the Topic Finder' button.
- TERM FREQUENCY**: A section with a 'Term Frequency' button.
- BROADEN YOUR SEARCH**: A section with the text 'Use the Gale Primary Sources cross-search to find results from additional archives available at your institution.' and a 'Gale Primary Sources' logo.

A blue hand icon is pointing to the first search result.

过滤当前结果  
出版栏目  
档案类型  
出版时间  
主题  
作者  
人物  
二次检索

更广泛的Gale原始档案资源交叉检索平台

# Result 检索结果

## 检索结果优化筛选

FILTER YOUR RESULTS

Archives	Source Library	Document Type
Publication Date	Languages	Subjects
Author - Items By	Person - About	Search Within

Search Archive...

- Evolution of Flight, 1784-1991 (24,001)
- Smithsonian and Air & Space Magazines, 1970-2010 (2,959)
- Smithsonian and Air & Space Magazines, 2011-Present (1,142)
- Trade Literature and the Merchandizing of Industry (343)
- World's Fairs and Expositions, Visions of Tomorrow (48)

Cancel Apply

Publication Date	Languages	Subjects
Author - Items By	Person - About	Search Within

FILTER YOUR RESULTS

Archives	Source Library	Document Type
Publication Date	Languages	Subjects
Author - Items By	Person - About	Search Within

Search Subject...

- Airplanes (3,108)
- Aviation (2,254)
- Aircraft industry (1,349)
- Airlines (993)
- Aerospace industry (677)
- Aircraft (626)
- Boeing Co. (613)
- United States. Navy (610)
- Air forces (544)
- United States. Air F... (508)

Author - Items By	Person - About	Search Within
-------------------	----------------	---------------

FILTER YOUR RESULTS

Archives	Source Library	Document Type
Publication Date	Languages	Subjects
Author - Items By	Person - About	Search Within

Search Person - About...

- Wright, Orville (216)
- Wright, Wilbur (123)
- Earhart, Amelia (107)
- Martin, Glenn L. (104)
- Hunsaker, Jerome C. (92)
- Cochran, Jacqueline (55)
- Roosevelt, Franklin D. (42)
- Bell, Alexander Graham (39)
- Davis, Benjamin O., Jr. (35)
- Warner, Edward Pearson (33)

Cancel Apply

Publication Date	Languages	Subjects
Author - Items By	Person - About	Search Within

FILTER YOUR RESULTS

Archives	Source Library	Document Type
Publication Date	Languages	Subjects
Author - Items By	Person - About	Search Within

Search Author...

- G. M. Bellanca (187)
- J. C. Hunsaker (185)
- C. M. Keys (147)
- Brooke E. Allen, Major General, USAF, (Ret.) (139)
- G. M. Bellanca, President. (106)
- Chad Slattery (89)
- F. J. Camm (79)
- H. L. Thompson (77)
- Jacqueline Cochran (73)
- William P. MacCracken, Jr. (70)

Cancel Apply

Author - Items By	Person - About	Search Within
-------------------	----------------	---------------

FILTER YOUR RESULTS

Archives	Source Library	Document Type
Publication Date	Languages	Subjects
Author - Items By	Person - About	Search Within

Search Document Type...

- Essay (12,009)
- Advertisement (5,423)
- Article (5,176)
- Report (4,582)
- Letter (2,748)
- Monograph (1,275)
- Memorandum (897)
- Photograph (855)
- Telegram (841)
- Correspondence (592)

Cancel Apply

Publication Date	Languages	Subjects
Author - Items By	Person - About	Search Within

FILTER YOUR RESULTS

Archives	Source Library	Document Type
Publication Date	Languages	Subjects
Author - Items By	Person - About	Search Within

Search Language...

- English (27,993)
- French (128)
- Russian (42)
- German (27)
- Dutch (21)
- Italian (18)
- Spanish (13)
- Danish (11)
- Finnish (4)
- Bulgarian (2)

Cancel Apply

Author - Items By	Person - About	Search Within
-------------------	----------------	---------------

FILTER YOUR RESULTS

Archives	Source Library	Document Type
Publication Date	Languages	Subjects
Author - Items By	Person - About	Search Within

All Dates  Before  On  After  Between

Cancel Apply

Author - Items By	Person - About	Search Within
-------------------	----------------	---------------

FILTER YOUR RESULTS

Archives	Source Library	Document Type
Publication Date	Languages	Subjects
Author - Items By	Person - About	Search Within

Submit

FILTER YOUR RESULTS

Archives	Source Library	Document Type
Publication Date	Languages	Subjects
Author - Items By	Person - About	Search Within

Search Source Library...

- Smithsonian Libraries, National Air and Space Museum Library (16,845)
- National Air and Space Museum, Archives Division (6,920)
- Smithsonian Institution (3,957)
- Smithsonian Libraries, National Museum of American History Library (326)
- National Museum of American History Archives Center (44)
- Smithsonian Institution Archives (10)
- National Museum of American History Library (7)
- Smithsonian Libraries (1)

Cancel Apply

Publication Date	Languages	Subjects
Author - Items By	Person - About	Search Within



# Article 文章

图像操作工具  
翻页/直达/缩放/适应页面/  
图像调整/全屏

资源管理面板  
浏览  
目录  
插图作品  
引用资料

The screenshot shows the Gale Primary Sources interface for the document 'Catalog No. 259, Sturtevant Airplane Engine'. The interface includes a search bar with 'airplane' entered, a navigation bar with 'Results', 'Prev', and 'Next' buttons, and a toolbar with icons for 'Cite', 'Send to...', 'Download', 'Print', and 'Get Link'. The document title is 'Catalog No. 259, Sturtevant Airplane Engine', with author 'B. F. Sturtevant Co.', publisher 'B. F. Sturtevant Co. (Hyde Park; Boston, Massachusetts)', and archive 'Trade Literature and the Merchandizing of Industry'. The collection is 'National Museum of American History Library Trade Literature Collection'. The left sidebar contains an 'EXPLORE' section with 'Table Of Contents', 'Illustrated Works', and 'View Full Citation' options. Below this is a 'SEARCH TERM HITS' section showing 2 hits, and a 'Related Subjects' section with 'Aircraft' and 'Catalogs'. The main content area displays the document text, starting with 'Sturtevant Airplane Engines' and 'THE Sturtevant eight-cylinder airplane engines, illustrated and described in this bulletin, represent the perfected development of many years' experience in building airplane engines. All features of design and construction are predicated on reliability, and extreme emphasis is laid upon this point in test. The workmanship and material entering into the construction of these engines are of the highest order. All parts are accurately machined and absolutely interchangeable. All bearing surfaces are ground to exact size and perfect finish. The question of balance of reciprocating parts receives unusual attention, because only by accurate balance, both static and running, can the engine operate without vibration and endure the terrific stresses which flying service imposes. Heat treatment of high-grade alloy steels has been the subject of exhaustive study on the part of Sturtevant engineers with the result that important improvements in methods have largely increased the strength of these various materials, at the same time reducing the weight of the several parts. Aluminum alloy castings made in the Sturtevant foundry are unexcelled. These are carefully compounded to suit the work required and in surface finish and homogeneity of structure are remarkable products. Forging and all other processes in the manufacture of these motors are accomplished in the Sturtevant works at Hyde Park; in fact, with the exception of certain accessories, all parts of the motor are made, assembled, and tested in one plant and guaranteed by one concern. A large, completely equipped test house is maintained with facilities for testing the engines under conditions closely approximating actual service requirements. All engines are subjected to rigid preliminary tests for several hours at full speed, full load, after which they are taken apart, examined, and later given a strenuous final run for several hours under full-load, full-speed conditions. The Sturtevant Co. is ready at any time to submit these engines to any reasonable tests requested by the purchaser. A complete record of the test performance of each engine is kept, and a copy of this test record is given to the purchaser. We call particular attention to the photographs of the engine and its parts appearing in the following pages. These photographs are reprinted exactly as taken and have not been retouched in any manner.'

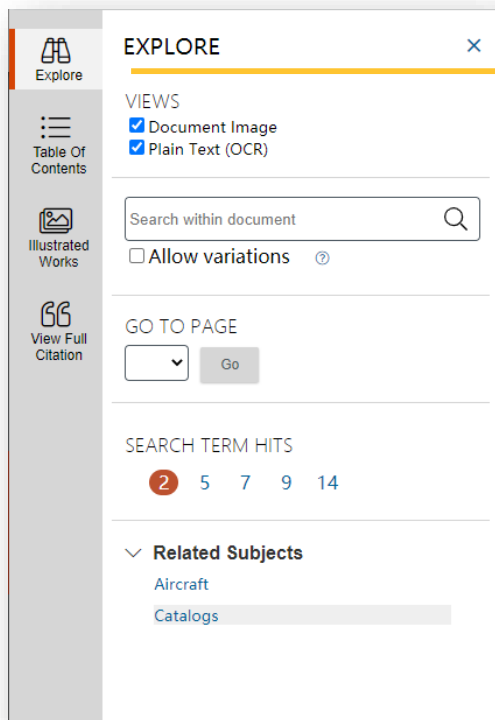
固定工具条  
引用/转发/下载/打印/  
固定链接

文章基本信息

OCR文本识别置信度  
注意：OCR置信度并不是准确率，而是机器对于识别情况的信心程度。OCR置信度会受到原档案保存状况，内容中图案，字体格式等影响，且识别对象为字符而非单词，因此置信度仅作为一项档案数字化参考数据。

OCR文本

# Article 文章



**EXPLORE**

Explore

Table Of Contents

Illustrated Works

View Full Citation

VIEWS

- Document Image
- Plain Text (OCR)

Search within document

Allow variations

GO TO PAGE

Go

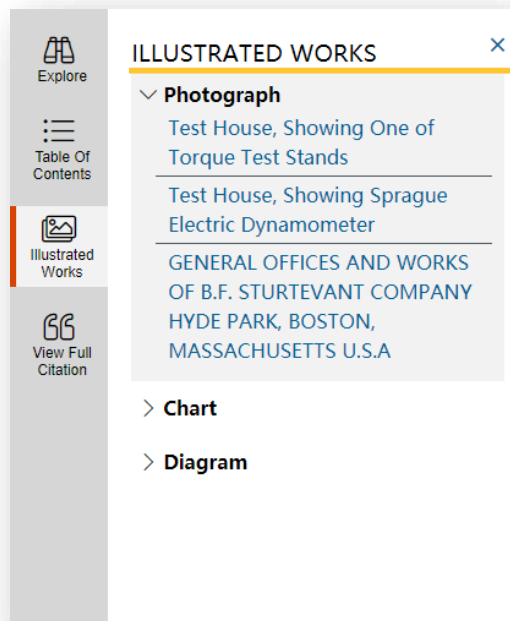
SEARCH TERM HITS

2 5 7 9 14

Related Subjects

- Aircraft
- Catalogs

浏览  
显示内容  
文内检索  
模糊检索  
相关主题  
备注



**ILLUSTRATED WORKS**

Explore

Table Of Contents

Illustrated Works

View Full Citation

Photograph

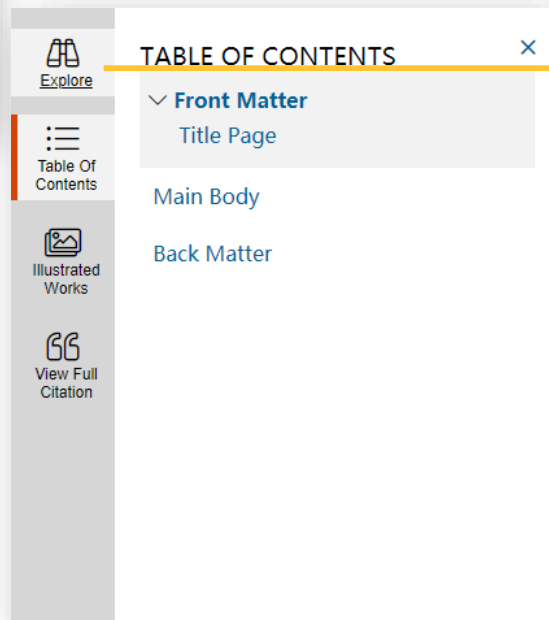
- Test House, Showing One of Torque Test Stands
- Test House, Showing Sprague Electric Dynamometer

GENERAL OFFICES AND WORKS OF B.F. STURTEVANT COMPANY HYDE PARK, BOSTON, MASSACHUSETTS U.S.A

Chart

Diagram

插图作品



**TABLE OF CONTENTS**

Explore

Table Of Contents

Illustrated Works

View Full Citation

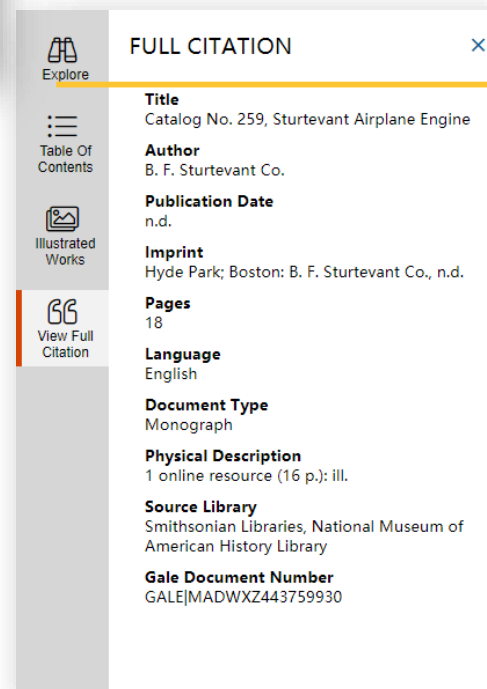
Front Matter

- Title Page

Main Body

Back Matter

档案目录



**FULL CITATION**

Explore

Table Of Contents

Illustrated Works

View Full Citation

Title

Catalog No. 259, Sturtevant Airplane Engine

Author

B. F. Sturtevant Co.

Publication Date

n.d.

Imprint

Hyde Park; Boston: B. F. Sturtevant Co., n.d.

Pages

18

Language

English

Document Type

Monograph

Physical Description

1 online resource (16 p.): ill.

Source Library

Smithsonian Libraries, National Museum of American History Library

Gale Document Number

GALE|MADWXZ443759930

引用资料



# Useful tools 功能展示

The screenshot displays the Smithsonian Collections Online interface. At the top, the search bar contains the term 'airplane'. A yellow box highlights the 'Cite' icon in the top right navigation bar. Below the search bar, the document title 'Catalog No. 259, Sturtevant Airplane Engine' is shown, along with author and publisher information. A 'FULL CITATION' sidebar is visible on the left. A 'CITATION TOOLS' modal window is open in the center, showing citation formats (MLA 8th Edition, APA 7th Edition, Chicago 17th Edition, Harvard) and a 'Select' button. Below the modal, 'Export To:' options include NoodleTools, EasyBib, RefWorks, OneDrive™, and Download RIS\*. A disclaimer and a note about RIS file format are also present.

GALE PRIMARY SOURCES Smithsonian Collections Online

airplane

Results Prev Next

Catalog No. 259, Sturtevant Airplane Engine

Author: B. F. Sturtevant Co. Publisher: B. F. Sturtevant Co. (Hyde Park; Boston, Massachusetts) Archive: Trade Literature and the Merchandizing of Industry

Date: n.d. Collection: National Museum of American History Library Trade Literature Collection

FULL CITATION

Explore

Table Of Contents

Illustrated Works

View Full Citation

Author: B. F. Sturtevant Co.

Publication Date: n.d.

Imprint: Hyde Park; Boston; B.

Pages: 18

Language: English

Document Type: Monograph

Physical Description: 1 online resource (16 p.)

Source Library: Smithsonian Libraries, American History Libr

Gale Document Num: GALE|JADWXZ443759930

CITATION TOOLS

MLA 8th Edition APA 7th Edition Chicago 17th Edition Harvard

B. F. Sturtevant Co. *Catalog No. 259, Sturtevant Airplane Engine*. B. F. Sturtevant Co., n.d. *Smithsonian Collections Online*, link.gale.com/apps/doc/MADWXZ443759930/SMIT?u=tlc&sid=SMIT&xid=992c993f&pg=2. Accessed 2 Feb. 2021.

Disclaimer

Select

Export To:

NoodleTools EasyBib RefWorks OneDrive™ Download RIS\*

\*The RIS file format can be used with EndNote, ProCite, Reference Manager, and Zotero.

引用

四种常用引文格式

可以导出至其他引用工具中

# Useful tools 功能展示

The screenshot displays the Gale Primary Sources interface for a document titled "Catalog No. 259, Sturtevant Airplane Engine". The document details include the author B. F. Sturtevant Co., publisher B. F. Sturtevant Co. (Hyde Park; Boston, Massachusetts), and the archive Trade Literature and the Merchandizing of Industry. The document is a monograph with 18 pages, published in Hyde Park; Boston by B. F. Sturtevant Co., n.d. The interface features a top navigation bar with "GALE PRIMARY SOURCES" and "Smithsonian Collections Online". A search bar contains the text "airplane". On the right side, a toolbar highlights four document management functions: "Send to...", "Download", "Print", and "Get Link".

Four modal windows are overlaid on the page:

- Print:** A window with a page range selector set to "1 - 17" and "Print" and "Cancel" buttons.
- SEND TO...:** A window with "OneDrive™" and "Email" options.
- GET LINK:** A window with the text "Use this link to get back to this page." and a URL: <https://link.gale.com/apps/doc/MADWXZ443759930/SMIT?u=tlcn&sid=SMIT&xid=992c993f&pg=2> and a "Select" button.
- DOWNLOAD:** A window with a warning: "Warning: PDF documents can be very large and may take a long time to download." and options:  PDF - Current page,  PDF - Selected Pages (with a text input field containing "1-18"),  PDF - All Pages, and  OCR/HTR - Entire Document. It also has "Download" and "Cancel" buttons.

工具条上的文档管理功能  
可以进行转发、下载、打  
印和获取链接

## 下载

可定制化下载

下载OCR识别后的文本用  
于数字人文研究等

# Useful tools 功能展示


GALE PRIMARY SOURCES Smithsonian Collections Online

Search... Advanced Search


Collections Magazines About Search History Get Link

## Explore Collections


Displaying 29 collections out of 29




African Americans in Aviation




Air Commerce Bulletins, 1929-1939




Books of the Fairs: From the Holdings of the Smithsonian Libraries




Bulletin of Information




Collections related to Aeronautical Exhibitions and Races




Collections related to Aeronautics




Collections related to Aircraft



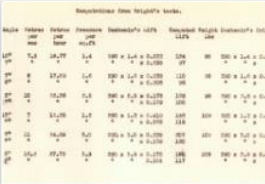
Collections related to Balloons and Airships




Collections related to Commercial Aeronautics



Collections related to Military Aeronautics



Correspondence of Octave Chanute



Exposition Records of the Smithsonian Institution and the United States National Museum...

### FILTER OPTIONS

Archives	Content Type	Document Type
<input type="checkbox"/> Abstract		(5)
<input type="checkbox"/> Advertisement		(22)
<input type="checkbox"/> Announcement		(16)
<input type="checkbox"/> Annual report		(11)
<input type="checkbox"/> Article		(23)
<input type="checkbox"/> Autobiography		(9)
<input type="checkbox"/> Awards list		(4)
<input type="checkbox"/> Back matter		(14)

Language Source Library

浏览资源

根据主题划分档案并且可以进行针对性筛选



# Useful tools 功能展示

GALE PRIMARY SOURCES Smithsonian Collections Online

Search... Advanced Search

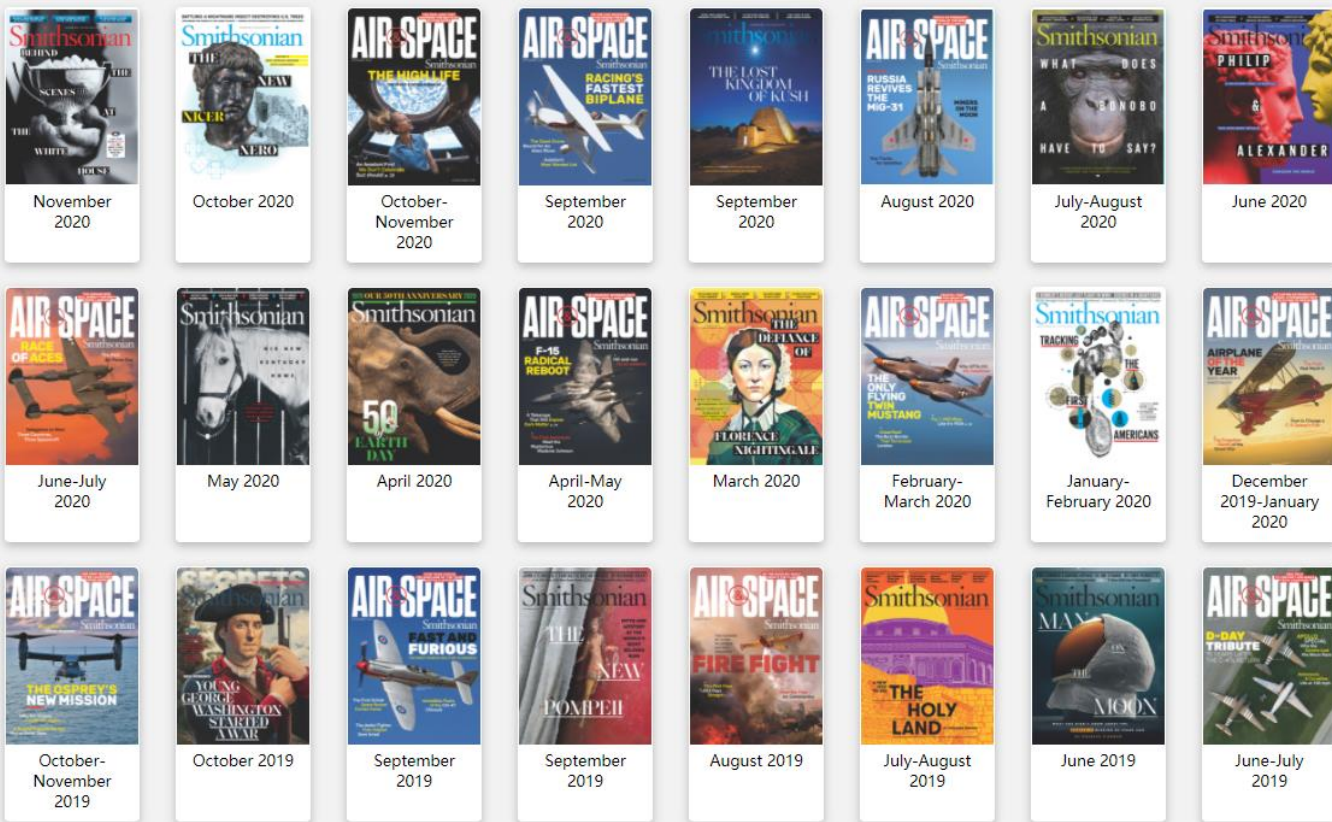
Magazines

## Browse Magazines

Displaying 824 magazines out of 824

Publication Title	Count
<input type="checkbox"/> Air and Space Magazine	226
<input type="checkbox"/> Smithsonian	598

Publication Date
From: April 1970
To: November 2020



浏览资源

筛选杂志

# Advanced Search 高级检索

GALE PRIMARY SOURCES Smithsonian Collections Online

Search...

SEARCH OPTIONS  
**Advanced Search** Topic Finder

## Advanced Search

### Search Terms

Terms	Field	Finds results that...
Search for <input type="text"/>	in <b>Keyword</b>	have these terms or subjects; expands to synonyms of your search term
And <input type="text"/>	in Entire Document	have these terms or subjects; expands to synonyms of your search term
And <input type="text"/>	in Document Title	have these terms or subjects; expands to synonyms of your search term
	in Publication Title	
	in Place of Publication	
	in Subject	
	in Author/Creator	
	in Image Description	
	in Manuscript Number	
	in Front Matter	
	in Gale Document Number	

Allow variations

Search Add a Row

**Search Tips**  
*Operators* AND, OR, NOT Proximity Nesting *Special Characters* Quotation Marks Wildcards Ignored

筛选条件：  
档案筛选  
内容筛选  
时间筛选  
插图内容  
档案类型  
出版物名称  
语言

检索主题  
可增加检索关键词  
可选择不同关键词检索类型

### Search Limiters

**by archive:** Evolution of Flight, 1784-199'

**by content type:**  
Select All Deselect All  
 Magazines  Manuscripts  Monographs  Newspapers & Periodicals  
 Photographs

**by publication date(s):**  
 All Dates  Before  On  After  Between

**by illustrated works:**

**by document type:**

**by publication title:**

**by language:**

**by collection title:**

**by subcollection title:**

**by publication section:**

**by source library:**

Search Clear









# Term Frequency 词频工具

## Term Frequency

View search results over time by entering a word or phrase, comparing multiple terms if desired.

By clicking on a point on the graph, retrieve search results for that year or, by clicking and dragging, select a time period to zoom in on.

Term

Year Range  -

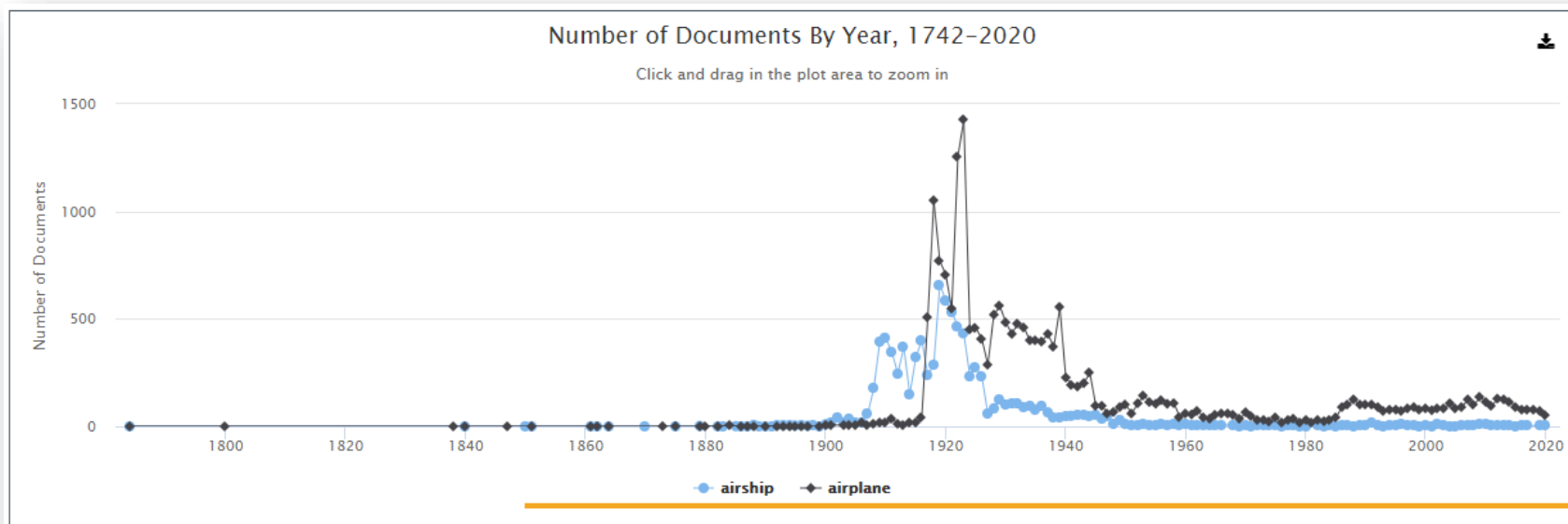
Content Type

- Monographs
- Manuscripts
- Newspapers & Periodicals
- Magazines
- Photographs

Frequency  Popularity

词频分析

可增加多个关键词对比/筛选时间范围和内容类型/输出数量和占比两种模式



可在结果中选中放大/下载数据/跳转至档案结果页





更多信息欢迎访问:

[www.gale.com](http://www.gale.com)

扫描二维码关注Gale官方微信



EMPOWER™ CHANGE

 **GALE**  
A Cengage Company