



## NASA STI Repository OpenAPI: Data Dictionary - Citation Search Response

Last updated 1/27/2021

Metadata Field	Data Type	Definition
<b>_meta</b>		Metadata about the query
score	number	Relevancy ranking
highlight	boolean	Highlighter
<b>stats</b>		Stats about the API query
maxScore	number	Relevancy ranking
took	number	Amount of milliseconds the API query took
total	number	Total number of records matching the query
estimate	boolean	Indicates if the Total number is an estimate
<b>abstract</b>	string	Abstract; A concise, accurate summary of the content of the document
<b>authorAffiliations</b>		Author and Affiliation Information
sequence	number	Sequential indicator of author in author list
primary	boolean	Indicates if this person is the Primary Author for this STI
userType	stringEnum	Author's employment type (NASA Contractor/Grantee, NASA Civil Servant, or Other; [ OTHER, CONTRACTOR_GRANTEE, CIVIL ]
userId	string	Author identifier
organizationId	string	Affiliation/Employer identifier
meta		
author		Author Information
name	string	Author Name
orcidId	string	Author ORCID
organization		Author Affiliation Information
name	string	Name of Affiliation/Employer
location	string	Location of Affiliation/Employer
created	string	Date the controlled entry for Author was created
modified	string	Date the controlled entry for Author was modified

<b>center</b>		NASA Center where the record is originated
id	string	NASA Center identifier
name	string	NASA Center full name; See Domain Values
code	string	NASA Center code; See Domain Values
created	string	Date the controlled entry for Center was created
modified	string	Date the controlled entry for Center was modified
<b>copyright</b>		Copyright information
containsIndication	boolean	Indicates whether this document contains copyright markings
belongsToPublisher	boolean	Indicates whether the copyright belongs to a publisher
publisherPermissionOrRightsToDistribute	boolean	Indicates whether there is permission from the publisher to distribute copyrighted material
belongsToContractor	boolean	Indicates whether the copyright belongs to a contractor
disclosedInvention	boolean	Indicates whether an Invention is disclosed in the document
disclosedToPublic	boolean	Indicates whether Invention information has been disclosed to the public
ntrNumber	string	NTR Number if applicable
thirdPartyPermissionsProduced	boolean	Indicates if permissions have been received for STI containing third party material
determinationType	stringEnum	Copyright determination; [ NO_PERMISSION, MAY_INCLUDE_COPYRIGHT_MATERIAL, GOV_PERMITTED, GOV_PUBLIC_USE_PERMITTED, PUBLIC_USE_PERMITTED, OTHER ]
licenseType	stringEnum	Creative Commons License; [ NO, OPEN_ACCESS, CCBY, CCBYSA, CCBYND, CCBYNC, CCBYNCSA, CCBYNCND ]
containsThirdPartyMaterial	boolean	Indicates whether the STI contains third party material
thirdPartyLocationComments	string	Location of third party content in the contents of the document
patent	string	Patent number if applicable
patentApplication	string	Patent Application number if applicable
approverComments	string	Approver comments
thirdPartyContentConditionOther	string	Third Party Content Condition statement (when 'Other')
thirdPartyContentCondition	stringEnum	Third Party Content Condition statement; [ NOT_SET, ISSUE_RESOLVED, COUNSEL_ADVISED, THIRD_PARTY_CONTENT_CONDITION_OTHER ]
<b>created</b>	string	Date the record was created
<b>curatedDate</b>	string	Date the record was curated for release to the repository
<b>disseminated</b>	stringEnum	Indicates whether the metadata and/or the document has been released to the NASA STI Repository; [ METADATA_ONLY, DOCUMENT_AND_METADATA ]
<b>distribution</b>	stringEnum	Distribution audience; [ PUBLIC ]
<b>distributionDate</b>	string	Date of online release to the repository
<b>downloads</b>		Information about STI document(s) for download
draft	boolean	Indicates if the document is a draft
links		Links to the document for download; use https://ntrs.nasa.gov/ as the base of the url
original	string	url to original document
pdf	string	url to converted pdf document
fulltext	string	url to converted txt document

mimetype	string	Format of document upload
name	string	Name of document upload
notes	string	Additional curation notes about the document upload
type	stringEnum	Type of document uploaded; All citations will indicate "STI" or "ABSTRACT"
<b>downloadsAvailable</b>	boolean	Indication whether an STI document is available for download
<b>exportControl</b>		Export Control information; All publicly available citations will always indicate no Export Control information
itar	stringEnum	Indicator of ITAR protected information
category	number	Category of ITAR
ear	stringEnum	Indicator of EAR protected information
eccnNumber	string	ECCN Number
categoryNotes	string	Additional Export Control Category notes
<b>fundingNumbers</b>		Funding information
number	string	A number that identifies the type of financial support applied to the work reported
type	stringEnum	The type of financial support applied to the work reported; [ CONTRACT_GRANT, WBS, PROJECT, TASK, WORK_UNIT, INTERAGENCY, OTHER ]
<b>id</b>	number	Document ID; A unique 11-digit number assigned to a record
<b>isLessonsLearned</b>	boolean	Indicates whether the STI contains potential Lessons Learned
<b>keywords</b>	string	Keyword terms assigned to the STI; Index terms that are not contained in a subject thesaurus or constructed by standard subject heading/thesaurus-building conventions.
<b>meetings</b>		Meeting Information associated with the document
name	string	The title of the meeting; may include a secondary title, the name of the track, section or other group of sessions.
location	string	The city, state or province location of the meeting
country	string	The country where the meeting was held.
nctsn	string	The tracking number assigned to the Conference in the NASA Conference Tracking System
url	string	URL of meeting
startDate	string	Start Date of meeting
endDate	string	End Date of meeting
sponsors		Meeting sponsorship information
organizationId	string	Identifier of meeting sponsor (organization)
meta		
organization		
name	string	Name of meeting sponsor (organization)
location	string	Location where sponsor is headquartered
<b>modified</b>	string	Date the record was modified
<b>onlyAbstract</b>	boolean	Indicates whether the record includes only an abstract in the associated document
<b>otherReportNumbers</b>	string	Any other/additional report numbers associated with the document
<b>publications</b>		Source Publications associated with the document

publisher	string	Publisher
publicationName	string	The title of the source publication.
volume	string	Volume number of the source publication
issue	string	Issue number of source publication
publicationDate	string	Date of publication
issuePublicationDate	string	Publication date of the source publication issue
doi	string	DOI
url	string	URL
issn	string	ISSN
eissn	string	E-ISSN
isbn	string	ISBN
eisbn	string	E-ISBN
id	string	Publisher identifier
created	string	Date the controlled entry for Publisher was created
modified	string	Date the controlled entry for Publisher was modified
<b>redistributedDate</b>	string	Date the record was redistributed
<b>related</b>		Relationship information of the current document to another document
type	stringEnum	The relationship of the current document to another document. ; [ NONE, ANALYTIC_PRIMARY, ANALYTIC_SUBSIDIARY, REPRINT, REVISION, SEE_ALSO, SUPERSEDES, SUPPLEMENT_TO ]
stiType	string	Term describing the nature of the related document; See Domain Values
disseminated	stringEnum	Indicates the dissemination of the related document - whether the metadata and/or the document has been released to the NASA STI Repository; [ METADATA_ONLY, DOCUMENT_AND_METADATA ]
distribution	stringEnum	Distribution audience of the related document; [ PUBLIC ]
status	stringEnum	Status of the related record in the NF-1676 process; All publicly available citations will indicate "CURATED" - This STI has completed the NF-1676 process and the record has been curated for online release.
id	number	Document ID of related document
accessionNumber	string	Accession number of related STI
title	string	Title of another document related to the current document.
<b>sensitiveInformation</b>	stringEnum	Category of sensitive information; All publicly available citations will always indicate "2" for [NONE].
<b>sourceIdentifiers</b>		Any additional/supplemental Identifier information
number	string	Identifier Value
type	string	Identifier Type; [ DOI, URL, HANDLE ]
descriptor	string	Description of identifier
<b>status</b>	stringEnum	Status of record in the NF-1676 process; All publicly available citations will indicate "CURATED" - This STI has completed the NF-1676 process and the record has been curated for online release.

<b>stiType</b>	stringEnum	Term describing the nature of the document; See Domain Values
<b>stiTypeDetails</b> type publicationDate additionalInformation	string string string	Additional details for records that are STI Type: Other
<b>subjectCategories</b>	string	NASA Subject Categories assigned to the document
<b>submittedDate</b>	string	Date the record was submitted to the NASA STI Program for processing
<b>technicalReviewType</b>	stringEnum	The type of Technical Review performed on the STI; [ NOT_SET, TECHNICAL_REVIEW_TYPE_NONE, SINGLE_EXPERT, NASA_PEER_COMMITTEE, EXTERNAL_PEER_COMMITTEE, NASA_TECHNICAL_MANAGEMENT, PROFESSIONAL_REVIEW, OMB_REVIEW ]
<b>title</b>	string	Title of the document

## NASA STI Repository OpenAPI: Data Dictionary - Domain Values

STI Type	Domain Value	NASA Center	Domain Value
Accepted Manuscript	ACCEPTED_MANUSCRIPT	Ames Research Center	ARC
Book	BOOK	Armstrong Flight Research Center	AFRC
Book Chapter	BOOK_CHAPTER	Glenn Research Center	GRC
Conference Paper	CONFERENCE_PAPER	Goddard Space Flight Center	GSFC
Conference Proceedings	CONFERENCE_PROCEEDINGS	NASA Headquarters	HQ
Conference Publication (CP)	CONFERENCE_PUBLICATION	Jet Propulsion Lab	JPL
Contractor or Grantee Report	CONTRACTOR_OR_GRANTEE_REPORT	Johnson Space Center	JSC
Contractor Report (CR)	CONTRACTOR_REPORT	Kennedy Space Center	KSC
Contribution to Larger Work	CONTRIBUTION_TO_LARGER_WORK	Langley Research Center	LaRC
None	STI_TYPE_NONE	Marshall Space Flight Center	MSFC
Other	OTHER	Stennis Space Center	SSC
Poster	POSTER	Wallops Flight Facility	WFF
Preprint	PREPRINT	White Sands Testing Facility	WSTF
Presentation	PRESENTATION	(NASA STI_CDMS Legacy)	CDMS
Reprint	REPRINT		
Special Publication (SP)	SPECIAL_PUBLICATION		
Technical Memorandum (TM)	TECHNICAL_MEMORANDUM		
Technical Publication (TP)	TECHNICAL_PUBLICATION		
Technical Translation (TT)	TECHNICAL_TRANSLATION		
Thesis / Dissertation	THESIS DISSERTATION		
Video	VIDEO		
White Paper	WHITE_PAPER		

### Subject Category

[See NASA Scope and Subject Category Guide for more information](#)

Aeronautics (General)  
 Aerodynamics  
 Air Transportation and Safety  
 Aircraft Communications and Navigation  
 Aircraft Design, Testing and Performance  
 Avionics and Aircraft Instrumentation  
 Aircraft Propulsion and Power  
 Aircraft Stability and Control  
 Research and Support Facilities (Air)  
 Astronautics (General)  
 Astrodynamics  
 Ground Support Systems and Facilities (Space)  
 Launch Vehicles and Launch Operations  
 Space Transportation and Safety  
 Space Communications, Spacecraft Communications, Command and Tracking  
 Spacecraft Design, Testing and Performance  
 Spacecraft Instrumentation and Astrionics  
 Spacecraft Propulsion and Power  
 Chemistry and Materials (General)  
 Composite Materials  
 Inorganic, Organic and Physical Chemistry  
 Metals and Metallic Materials  
 Nonmetallic Materials  
 Propellants and Fuels  
 Space Processing  
 Engineering (General)  
 Communications and Radar  
 Electronics and Electrical Engineering  
 Fluid Mechanics and Thermodynamics  
 Instrumentation and Photography  
 Lasers and Masers  
 Mechanical Engineering  
 Quality Assurance and Reliability  
 Structural Mechanics  
 Geosciences (General)  
 Earth Resources and Remote Sensing  
 Energy Production and Conversion  
 Environment Pollution  
 Geophysics  
 Meteorology and Climatology  
 Oceanography

Life Sciences (General)  
Aerospace Medicine  
Behavioral Sciences  
Man/System Technology and Life Support  
Exobiology  
Mathematical and Computer Sciences (General)  
Computer Operations and Hardware  
Computer Programming and Software  
Computer Systems  
Cybernetics, Artificial Intelligence and Robotics  
Numerical Analysis  
Statistics and Probability  
Systems Analysis and Operations Research  
Theoretical Mathematics  
Physics (General)  
Acoustics  
Atomic and Molecular Physics  
Nuclear Physics  
Optics  
Plasma Physics  
Solid-State Physics  
Physics of Elementary Particles and Fields  
Social and Information Sciences (General)  
Administration and Management  
Documentation and Information Science  
Economics and Cost Analysis  
Law, Political Science and Space Policy  
Technology Utilization and Surface Transportation  
Space Sciences (General)  
Astronomy  
Astrophysics  
Lunar and Planetary Science and Exploration  
Solar Physics  
Space Radiation  
General