

JOURNALS DATA XML

QUICK START

XPaths to the key fields for customers wanting to build search applications or to text mine data e.g. for knowledge graph building are:

Field	XPath	In JSON Metadata
Abstract	/xocs:doc/xocs:serial-item/ja:article/ja:head/ce:abstract /xocs:doc/xocs:serial-item/ja:converted-article/ja:head/ce:abstract /xocs:doc/xocs:serial-item/ja:simple-article/ja:simple-head/ce:abstract	Yes
Affiliations	/xocs:doc/xocs:serial-item/ja:article/ja:head/ce:author-group/ce:affiliation/ce:textfn /xocs:doc/xocs:serial-item/ja:converted-article/ja:head/ce:author-group/ce:affiliation/ce:textfn /xocs:doc/xocs:serial-item/ja:simple-article/ja:simple-head/ce:author-group/ce:affiliation/ce:textfn	Yes
Article body	/xocs:doc/rawtext /xocs:doc/xocs:serial-item/ja:article/ja:body/ce:sections.*	No
Article Language	/xocs:doc/xocs:serial-item/article/@xml:lang	No
Article Title	/xocs:doc/xocs:serial-item/ja:article/ja:head/title /xocs:doc/xocs:serial-item/ja:converted-article/ja:head/ja:title /xocs:doc/xocs:serial-item/ja:simple-article/ja:simple-head/ja:title	Yes
Article Type	/xocs:doc/xocs:meta/xocs:document-subtype	No
Article Type Meta	/xocs:doc/xocs:meta/xocs:content-family /xocs:doc/xocs:meta/xocs:content-type	No
Author Email	/xocs:doc/xocs:serial-item/ja:article/ja:head/ce:author-group/ce:author/ce:e-address /xocs:doc/xocs:serial-item/ja:converted-article/ja:head/ce:author-group/ce:author/ce:e-address /xocs:doc/xocs:serial-item/ja:simple-article/ja:simple-head/ce:author-group/ce:author/ce:e-address	Yes
Author Forename	/doc/serial-item/ja:article/ja:head/ce:author-group/author/given-name /xocs:doc/xocs:serial-item/ja:converted-article/ja:head/ce:author-group/ce:author/ce:given-name /xocs:doc/xocs:serial-item/ja:simple-article/ja:simple-head/ce:author-group/ce:author/ce:given-name	Yes
Author Keywords	/xocs:doc/xocs:serial-item/ja:article/ja:head/ce:keywords/ce:keyword/ce:text	No
Author ORCID ID	//ce:author-group/ce:author[@orcid]	No
Author Surname	/xocs:doc/xocs:serial-item/ja:article/ja:head/ce:author-	Yes

	group/ce:author/ce:surname /xocs:doc/xocs:serial-item/ja:converted-article/ja:head/ce:author-group/ce:author/ce:surname /xocs:doc/xocs:serial-item/ja:simple-article/ja:simple-head/ce:author-group/ce:author/ce:surname	
Authors With ORCID	//ce:author-group/ce:author[@orcid]	No
Copyright Statement	/xocs:doc/xocs:meta/xocs:copyright-info/xocs:cp-notices/xocs:cp-notice	No
Copyright Year	/xocs:doc/xocs:serial-item/article/item-info/ce:copyright/@year	No
Country	/xocs:doc/xocs:serial-item/ja:article/ja:head/ce:author-group/ce:affiliation/sa:affiliation/sa:country As the sa: namespace is only declared at the article level the full XPath would be: xocs:doc/xocs:serial-item/ja:article/ja:head/ce:author-group/ce:affiliation/[namespace-uri()='http://www.elsevier.com/xml/common/struct-aff/dtd' and local-name()='affiliation']/[namespace-uri()='http://www.elsevier.com/xml/common/struct-aff/dtd' and local-name()='country']	No
DOI	/xocs:doc/xocs:meta/xocs:doi	Yes
Elsevier unique article ID (PII)	/xocs:doc/xocs:meta/xocs:pii-unformatted	Yes
First Author	/xocs:doc/xocs:meta/xocs:normalized-first-auth-surname /xocs:doc/xocs:meta/xocs:normalized-first-auth-initial	No
Funding	//ce:grant-sponsor //ce:grant-number	No
Funding	/xocs:doc/xocs:serial-item/ja:article/ja:body/ce:acknowledgment/ce:para/ce:grant-sponsor /xocs:doc/xocs:serial-item/ja:article/ja:body/ce:acknowledgment/ce:para/ce:grant-number	No
ISSN	/xocs:doc/xocs:meta/xocs:issns/xocs:issn-primary-unformatted	Yes
Journal Name	/xocs:doc/xocs:meta/xocs:srctitle	Yes
Journal Short	/xocs:doc/xocs:serial-item/article/item-info/jid	No
Journal Subject Primary	/xocs:doc/xocs:meta/xocs:cid	No
Journal Subject Secondary	/xocs:doc/xocs:meta/xocs:ssids/xocs:ssid	No
Location²	City /xocs:doc/xocs:serial-item/ja:article/ja:head/ce:author-	No

	group/ce:affiliation/sa:affiliation/sa:city /xocs:doc/xocs:serial-item/ja:converted-article/ja:head/ce:author-group/ce:affiliation/sa:affiliation/sa:city	
	Country	
	/xocs:doc/xocs:serial-item/ja:article/ja:head/ce:author-group/ce:affiliation/sa:affiliation/sa:country /xocs:doc/xocs:serial-item/ja:converted-article/ja:head/ce:author-group/ce:affiliation/sa:affiliation/sa:country	
Main Text³	/xocs:doc/xocs:serial-item/ja:article/ja:body /xocs:doc/xocs:rawtext	No
Open Access	/xocs:doc/xocs:meta/xocs:open-access/xocs:oa-article-status	No
Publication Date (first)¹	/xocs:doc/xocs:meta/xocs:available-online-date	Yes
Publication Issue Title	/xocs:doc/xocs:meta/xocs:vol-iss-suppl-text	No
Publication Issue	/xocs:doc/xocs:meta/xocs:vol-first	No
Publication Pages	/xocs:doc/xocs:meta/xocs:first-fp /xocs:doc/xocs:meta/xocs:pages/xocs:first-page	No
	/xocs:doc/xocs:meta/xocs:last-lp /xocs:doc/xocs:meta/xocs:pages/xocs:last-page	
Publication URL	"https://api.elsevier.com/content/article/pii/" + /xocs:doc/xocs:meta/xocs:pii-unformatted	No
Publication Year	/xocs:doc/xocs:meta/xocs:cover-date-year	No
Publication Date, Print	/xocs:doc/xocs:meta/xocs:cover-date-start	No
Publisher Location	Can look up the ISSN (in the metadata file) at https://portal.issn.org/resource/ISSN/	No
Publisher Name	/xocs:doc/xocs:serial-item/ja:article/ja:item-info/ce:copyright	No
References DOI	/xocs:doc/xocs:serial-item/ja:article/ja:tail/ce:bibliography/ce:bibliography-sec/ce:bib-reference/sb:reference/sb:host/ce:doi	No
References	/xocs:doc/xocs:serial-item/ja:article/ja:tail/ce:bibliography/ce:bibliography-sec/ce:bib-reference/sb:reference/sb:contribution/sb:title/sb:main-title	No
Supplemental Material	/xocs:doc/xocs:serial-item/ja:article/ja:body/ce:appendices/ce:section/ce:section-title[text() = "Supplementary data"]	No
Version	/xocs:doc/xocs:meta/xocs:item-version-number	No
Volume	/xocs:doc/xocs:meta/xocs:volume-list/xocs:volume	No

1. The most authoritative publication date is the vor-available-online-date but that is only available from 2015. The xocs:available-online-date element represents the date that an article was first online on Science Direct. If this is content that has been published by a 3rd party before Elsevier took over the journal this date reflects the

Elsevier online date. For pre 1995 content (e.g., 1850 content from the Lancet) this date will reflect the date the material went online, in which case `xocs:cover-date-start` is a better indication of availability.

2. [ISSN.org](https://portal.issn.org/) offers a REST-API on <https://portal.issn.org/> where the country and place of serial publications are captured in properties **schema:GeoCoordinates** and **schema:Place** respectively. Example: <https://portal.issn.org/resource/ISSN/0036-7672?format=json>
3. To determine whether an article has rawtext or body content use
`/xocs:doc/xocs:meta/xocs:articleinfo[contains(text(),'rawtext')]` and
`/xocs:doc/xocs:meta/xocs:articleinfo[contains(text(),'body')]`