

# **REQUIREMENTS AND RECOMMENDATIONS FOR THE DEPOSIT OF DOI CITATIONS IN CROSSREF**

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## 1. Introduction

DOI Citations Registration Message format is defined in mEDRA DOI Citations 2.0 schema (namespace <http://www.medra.org/DOIMetadata/2.0/Citations>).

This document provides the list of additional requirements and recommendations – not expressed in the mEDRA DOI Citations 2.0 schema - that DOI Citations Registration Messages must comply with.

Compliance with CrossRef Requirements is necessary for correct DOI citations metadata communication to CrossRef and optimal use of the service.

Compliance with CrossRef Recommendations is recommended in order to optimise the searchability and the citability of the DOIs and citations within the mEDRA and CrossRef systems.

## 2. Requirements for DOI Citations Registration Message

This chapter provides the list of requirements - not expressed in the mEDRA DOI Citations 2.0 schema - that a DOI Citations Registration Message must comply with so that it can be properly sent to mEDRA and CrossRef systems.

### 2.1. DOI

*It applies to:* DOICitations

*Element:* <DOI>

*Requirements:* the <DOI> element value length must be between 6 and 2048 characters. In addition, it is not allowed to include two DOICitations records referring to the same DOI in the same DOI Citations Registration Message.

### 2.2. The Key Attribute of an Article Citation

*It applies to:* DOICitations

*Element:* <CitationList>/</ArticleCitation>@key

*Requirements:* each <ArticleCitation> element must be assigned with a unique key attribute within the <CitationList> element.

## 3. Recommendations for DOI Citations Registration Message

This chapter contains some recommendations that, if followed, can help maximise the effectiveness of the deposit of DOI citations in CrossRef.

### 3.1. The Journal Volume Number of an Article Citation

*It applies to:* DOICitations

*Element:* <CitationList>/</ArticleCitation>/<JournalVolumeNumber>

*Recommendations:* the <JournalVolumeNumber> element is only sent to CrossRef if its value length is smaller or equal to 15 characters.

### **3.2. The Journal Issue Number of an Article Citation**

*It applies to:* DOICitations

*Element:* <CitationList>/<ArticleCitation>/<JournalIssueNumber>

*Recommendations:* the <JournalIssueNumber> element is only sent to CrossRef if its value length is smaller or equal to 15 characters.

### **3.3. The First Page Number of an Article Citation**

*It applies to:* DOICitations

*Element:* <CitationList>/<ArticleCitation>/<FirstPageNumber>

*Recommendations:* the <FirstPageNumber> element is only sent to CrossRef if its value length is smaller or equal to 15 characters.

### **3.4. The Number Within Series of an Article Citation**

*It applies to:* DOICitations

*Element:* <CitationList>/<ArticleCitation>/<NumberWithinSeries>

*Recommendations:* the <NumberWithinSeries> is only sent to CrossRef if its value length is smaller or equal to 15 characters.

### **3.5. The Edition Number of an Article Citation**

*It applies to:* DOICitations

*Element:* <CitationList>/<ArticleCitation>/<EditionNumber>

*Recommendations:* the <EditionNumber> element is only sent to CrossRef if its value length is smaller or equal to 15 characters.

### **3.6. The Component Number of an Article Citation**

*It applies to:* DOICitations

*Element:* <CitationList>/<ArticleCitation>/<ComponentNumber>

*Recommendations:* the <ComponentNumber> element is only sent to CrossRef if its value length is smaller or equal to 50 characters.

### **3.7. The Journal Issue Date of an Article Citation**

*It applies to:* DOICitations

*Element:* <CitationList>/<ArticleCitation>/<JournalIssueDate>

*Recommendations:* it is recommended to specify the value in <Date> element in a structured format (i.e. not as a free text string) out of those allowed for the <DateFormat> element. It is recommended not to use value 12 (free text string format) in <DateFormat>. Value in <Date> element must be consistent with the format specified in <DateFormat>.