

一、核心数据结构框架

文件类型：UTF-8 编码 XML

文件根节点：doi_batch（属性 version="2.0.0"）

层级关系：

text
doi_batch → head（头标区） → body → preprint（预印本） →
preprint_metadata（预印本元数据） + preprint_article（单篇预印本文章）

二、头标区（必填项）

序号	分类	数据元素	描述	格式说明	示例
1	头标区	doi_batch_id	批处理唯一标识	字符不限，需保证全局唯一	<doi_batch_id>1671699402066</doi_batch_id>
2		timestamp	数据生成时间戳	17 位 整 型 (YYYYMMDD HHMMSSmmm)	<timestamp>2022122216572</timestamp>
3		depositor/name	提交机构名称	≤130 字符	<name>叶振华</name>
4		depositor/email_address	反馈邮箱	≤200 字符	<email_address>940452183@qq.com</email_address>
5		registrant	注册单位	≤255 字符	

三、预印本元数据（preprint_metadata，必填项）

数据元素	描述	格式说明	示例
full_title	预印本全称（多语种）	必须，≤256 字符，标注 language 属性	<full_title language="zh">中西医结合临床案例库</full_title>
			<full_title language="en">Clinical Archives of Integrative Medicine</full_title>
preprint_day	预印本日期	包含 year、month、day	<preprint_day><year>2022</year><month>2</month><day>13</day></preprint_day>
name	预印本名称属性	必须，作为 preprint_metadata 属性	<preprint_metadata name="中西医结合临床案例库">

四、单篇预印本文章内容（preprint_article，必填项）

数据元素	描述	格式说明	示例
titles	文章标题（多语种）	必须，标注 language	<titles language="zh"><title>虎符铜砭刮痧疗法在 1 例眩晕患者中临床应用</title></titles>
contributors	作者及单位	必须，标注 sequence、contributor_role、language	<person_name sequence="first" contributor_role="author" language="zh">郑连雪</person_name>
publication_date	出版日期	必须，media_type="print"	<publication_date media_type="print"><year>2022</year></publication_date>

4.1 基础信息

4.2 标识符与链接

数据元素	描述	格式说明	示例
doi	文章 DOI 号	必须，10.开头，≤256 字符	<doi>10.12451/CAIM202210290032</doi>
resource	全文链接	必须，使用 <![CDATA[]]> 包裹	<resource><![CDATA[http://case.jcme.net.cn/thesisDetails#10.12209/CAIM202210290032]]></resource>

4.3 补充信息（可选）

数据元素	描述	格式说明	示例
keywords	关键词（多语种）	可选，标注 language，关键词用分号分隔	<keywords language="zh">虎符铜砭刮痧;心血管疾病;眩晕;中医</keywords>
abstract	摘要（多语种）	可选，标注 language，≤5000 字符	<abstract language="zh">本文总结 1 例眩晕患者住院期间...</abstract>
pages	页码范围	可选，first_page 必填	<pages><first_page>1</first_page><last_page>4</last_page></pages>

五、XML 模板示例（完整版）

```
<?xml version="1.0" encoding="UTF-8"?>
<doi_batch version="2.0.0">
  <head>
```

```

<doi_batch_id>1671699402066</doi_batch_id>
<timestamp>2022122216572</timestamp>
<depositor>
  <name>叶振华</name>
  <email_address>940452183@qq.com</email_address>
</depositor>
<registrant>中华中西医结合护理学会</registrant>
</head>
<body>
  <preprint>
    <preprint_metadata name="中西医结合临床案例库">
      <full_title language="zh">中西医结合临床案例库</full_title>
      <full_title language="en">Clinical Archives of Integrative Medicine</full_title>
      <preprint_day>
        <year>2022</year>
        <month>2</month>
        <day>13</day>
      </preprint_day>
    </preprint_metadata>
    <preprint_article>
      <titles language="zh">
        <title><![CDATA[虎符铜砭刮痧疗法在 1 例眩晕患者中临床应用]]></title>
      </titles>
      <titles language="en">
        <title><![CDATA[Clinical application of Hufu Tongbian scrapping therapy for a patient with vertigo]]></title>
      </titles>
      <contributors>
        <person_name language="zh" sequence="first" contributor_role="author">郑连雪</person_name>
        <person_name language="zh" sequence="additional" contributor_role="author">杨婵婵</person_name>
        <person_name language="en" sequence="first" contributor_role="author">Lianxue ZHENG</person_name>
        <person_name language="en" sequence="additional" contributor_role="author">Chanchan YANG</person_name>
        <organization sequence="first" contributor_role="author">河南中医药大学第一附属医院龙子湖院区 门诊部， 河南 郑州， 450000 Department of Outpatients, The First Affiliated Hospital of Henan University of Chinese Medicine, Zhengzhou, Henan, 450000</organization>
        <organization sequence="additional" contributor_role="author">河南中医药大学第一附属医院 中医护理专科门诊， 河南 郑州， 450000 Traditional Chinese Medicine Nursing clinic, The First Affiliated Hospital of Henan University of Chinese Medicine, Zhengzhou, Henan, 450000</organization>
      </contributors>
    </preprint_article>
  </preprint>
</body>

```

```

</contributors>
<publication_date media_type="print">
  <year>2022</year>
</publication_date>
<keywords language="zh"><![CDATA[虎符铜砭刮痧;心血管疾病;眩晕;中医]]></keywords>
  <keywords language="en"><![CDATA[HufuTongbian scrapping;cardiovascular diseases;vertigo;Traditional Chinese Medicine]]></keywords>
  <abstract language="zh"><![CDATA[本文总结 1 例眩晕患者住院期间采用虎符铜砭刮痧治疗的护理经验,包括虎符铜砭刮痧操作方法、注意事项及相关眩晕患者护理健康教育,通过虎符铜砭刮痧,能有效缓解患者头晕不适症状,减轻左侧颈部麻木,保持血压平稳。]]></abstract>
  <abstract language="en"><![CDATA[This paper summarized the whole process of nursing for a patient with vertigo who received Traditional Chinese Medicine characteristic nursing technology during the hospitalization, including Hufu Tongbian scrapping operation methods, some dos and don'ts and related vertigo patients nursing health education. After 14 days of hospital observation, the Hufu Tongbian scrapping therapy effectively alleviated the patients' dizziness, the numbness in the left neck was significantly reduced, and the blood pressure decreased and remained stable, providing a reference for the clinical treatment of similar cardiovascular diseases.]]></abstract>
  <doi_data>
    <doi>10.12451/CAIM202210290032</doi>

<resource><![CDATA[http://case.jcme.net.cn/thesisDetails#10.12209/CAIM202210290032]]></resource>
  </doi_data>
  <pages>
    <first_page>1</first_page>
    <last_page>4</last_page>
  </pages>
</preprint_article>
</preprint>
</body>
</doi_batch>

```