

Magnesium Alloys in Orthopedics: A Systematic Review on Approaches, Coatings and Strategies to improve Biocompatibility, Osteogenic Properties and Osteointegration Capabilities

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Details of the search strategies performed in December 2022.

1 - Database: Medline (Pubmed)

Search: ((magnesium[MeSH Terms]) AND (alloy*[MeSH Terms])) AND (osseointegration OR osteointegration[MeSH Terms]) **Filters:** **English**, from 2012 - 2022 **Sort by:** **Most Recent**

2 - Database: Web of Science

Search: TS=(magnesium AND alloy* AND (osseointegration OR osteointegration)) AND PY=2012:2022 and **Article** (Document Types) and **English** (Languages)

3- Database: EMBASE

Search: 'magnesium'/exp AND alloy* AND ('osseointegration'/exp OR 'osteointegration'/exp) AND (2016:py OR 2017:py OR 2018:py OR 2019:py OR 2020:py OR 2021:py OR 2022:py) AND 'article'/it AND [english]/lim

4-Database: Science Direct

Search: magnesium alloy osseointegration
2012-2022 – research article