

JOM Call for papers

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Manuscript Deadline: *November 1, 2018*

The Materials Characterization Committee and Biomaterials Committee are seeking papers on the topic of
Characterization of Biodegradable Medical Materials

The search continues for suitable bioabsorbable metallic materials that could replace materials used for permanent implants. Mg-, Fe-, and Zn-based alloys are currently pursued in designing biodegradable implants. Unfortunately, present in vitro characterization methods for biomaterial assessment are unable to predict the in vivo degradation behavior and rates, critical for developing biodegradable implants. This special topic intends to summarize challenges and provide insight into new developments in characterization methods applicable to biodegradable medical materials.

Original research papers should be 3,000-6,000 words with up to 8 figures maximum; review papers should be 6,000-10,000 words with up to 15 figures maximum.

Detailed author instructions are available at:
<http://www.tms.org/AuthorTools/>

Keywords for this topic:

Advanced materials, alloy phases, biomaterials, characterization, composites, ceramics, fundamentals, intermetallics, lightweight materials, other nonferrous, physical properties

Guest Editors for the JOM topic are Jaroslav Drelich and Tolou Shokuhfar:
jwdrelic@mtu.edu; tshokuhf@mtu.edu

If you are interested in submitting a paper, upload your manuscript at
<https://www.editorialmanager.com/jomj/>

Please note that all submissions will be subject to peer review. Submission does not guarantee acceptance.

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