

Special Issue

Applications of Al Alloys on Lightweight Structures

Message from the Guest Editor

Dear colleague, Lightweight components are of crucial interest for all branches of industry. Aluminum and its alloys have been the prime material of many lightweight applications. The combination of acceptable costs, low component mass, appropriate mechanical properties, structural integrity and ease of fabrication are very attractive in aircraft constructions, vehicles, electrical conductors, packaging, machined components or sporting goods. This Special Issue aims to present the latest works in the research and development of Al alloy lightweight applications. The aim of this Special Issue is to present the latest achievements of theoretical and experimental investigations of "Al Alloys on Lightweight Structures". It is our pleasure to invite you to submit a manuscript to this Special Issue. Full papers, communications, and reviews are welcome for submission.

Guest Editor

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Deadline for manuscript submissions

closed (31 December 2021)



Materials

an Open Access Journal
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Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed



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Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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