

Accepted Manuscript

Review

Strengthening mechanisms, deformation behavior, and anisotropic mechanical properties of Al-Li alloys: A review

Ali Abd El-Aty, Yong Xu, Xunzhong Guo, Shihong Zhang, Yan Ma, Dayong Chen

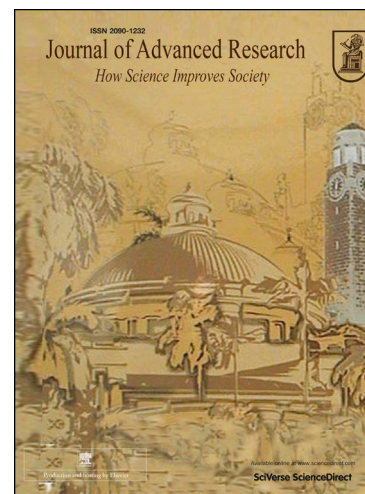
PII: S2090-1232(17)30131-5
DOI: <https://doi.org/10.1016/j.jare.2017.12.004>
Reference: JARE 577

To appear in: *Journal of Advanced Research*

Received Date: 11 September 2017
Revised Date: 7 December 2017
Accepted Date: 23 December 2017

Please cite this article as: Abd El-Aty, A., Xu, Y., Guo, X., Zhang, S., Ma, Y., Chen, D., Strengthening mechanisms, deformation behavior, and anisotropic mechanical properties of Al-Li alloys: A review, *Journal of Advanced Research* (2017), doi: <https://doi.org/10.1016/j.jare.2017.12.004>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



Strengthening mechanisms, deformation behavior, and anisotropic mechanical properties of Al-Li alloys: A review

Ali Abd El-Aty^{a,b,1}, Yong Xu^{a,*1}, Xunzhong Guo^c, Shihong Zhang^a, Yan Ma^a, Dayong Chen^a

^a *Institute of Metal Research, Chinese Academy of Sciences, Shenyang, 110016, P. R. China*

^b *School of Engineering Science, University of Chinese Academy of Sciences, Beijing, 100049, P. R. China*

^c *College of Material Science and Technology, Nanjing University of Aeronautics and Astronautics, Nanjing, 211100, P. R. China*

¹ These authors equally contributed to this study.

***Corresponding author.**

Phone: +86-24-83973121

Email: yxu@imr.ac.cn

Short title: A review on strengthening, anisotropic response, and deformation behavior of Al-Li alloys

Download English Version:

<https://daneshyari.com/en/article/7216420>

Download Persian Version:

<https://daneshyari.com/article/7216420>

[Daneshyari.com](https://daneshyari.com)