

Assignment:
ABCDE

This report summarizes the overall quality of your edited manuscript. For each section, we provide specific comments on the quality and these are substantiated by examples (where available)

Structural Review

Overall Manuscript

- Please note that the written manuscript is not entirely in line with the intended audience, and we have edited and/or provided suggestions for the pertinent parts.
Comment/Example: The journal recommends the use of separate results and discussion section, and we have made appropriate changes to reflect this.
- The structure of the original manuscript is perfect, and it does not need revision.

Title & Abstract

- The title was not entirely informative and concise. We have made necessary revisions to the title.
Comment/Example: We have made the title concise; please check whether the changes are appropriate.
- In addition, the title clearly conveys the aim of the study.
- Although the abstract had a logical structure, some changes were made for clarity.
Comment/Example: We have removed some information that is normally not given in an abstract, such as the detailed information about the methods used.
- The abstract includes the purpose, methods and materials, results, and conclusions appropriately.

Introduction

- Statements clarifying the purpose and approach of the study were not clearly mentioned in the Introduction. We have edited it to clarify the "what and why" statement.
Comment/Example: We have modified the sentence clarifying the purpose as the original sentence was not clear.
- The Introduction clearly states the relevance of the findings.
- In the Introduction, the scope of the investigation is indicated.
- The Introduction does not state the limits of the problem and investigation. Please include the statement in the Introduction.
Comment/Example: Please provide a sentence that clearly states the limitations of your study.

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Materials and Methods

- In this section, appropriate description of the methodology is provided, which can be reproduced by another investigator.
- The measurement procedures are not described as required. Please refer to our comments.
Comment/Example: Please explain how the strain measurements were done.
- Tests of statistical significance are appropriately conducted. The samples are truly randomized, and the data are statistically significant.
- Statements describing measurement parameters such as sensitivity and accuracy are clear and accurate.
- The calculations presented in the study appear to be appropriate.

Results

Comment/Example: Originally there was only a single Results and Discussion section. We have split it into two sections as per the journal guidelines.

- Some of the sentences from the Results section have been moved to the Discussion section.
Comment/Example: We have created a new Results sections and moved all relevant statements to that section.
- All the reported findings are relevant to the thesis.
- The key results presented in figures and tables appear appropriate .

Discussion

- The discussion regarding whether the key results support the hypotheses is appropriate and convincing.
- The discussion is of appropriate length.
- The conclusions are clear and in line with the stated objective.
- Some generalizations cannot be justified on the basis of the findings of this investigation and pertinent literature. Please check the Editor Message file.
Comment/Example: One of the conclusions, whether you have achieved independent control over the 3 parameters discussed, is not supported adequately. Please see Remark 15 for more details.

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Peripheral Text Review

Figures and/or Tables

- The figures and/or tables support the main text; however, there are minor discrepancies.
Comment/Example: In Fig. 2, it is better to mark the elastic yield stress on the three curves. Also it will be helpful to mark the 'stress plateau' discussed in the text.
- They have also been cited in the main text at appropriate places.
- The legends are somewhat complete and accurate.
Comment/Example: In Fig.3, we did not see any 'white' atoms mentioned in the caption. There are instead slightly off-white or faint pink atoms in the center. Please check whether the figure or caption should be revised.
- In this manuscript, every figure and/or table can stand alone without reference to the main text.

Bibliography

- All statements of fact are appropriately referenced.
- In this manuscript, most literature cited is pertinent to the investigation.
Comment/Example: References 6, 8, and 11 are not recent. Please provide more recent references if possible.
- All references cited follow a consistent format.

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Content, Terminology, Style, and Format Review

Content

- There are no gaps in content in this manuscript.

Terminology

- Most terms used in the manuscript are valid in the field; some have been coined.
Comment/Example: In the literature, 'strain hardening' is more common than 'strain strengthening'.
- The scientific terminology and representation in the paper are appropriate and consistent.
- The scientific nomenclature (gene names, protein names) is in order throughout the text.

Style

- In some instances, the capitalization/italicization/number style is not as per the conventions of the subject area.
Comment/Example: All variables used in the paper need to be in italics as per the journal guidelines. We have edited them accordingly.

Journal Format

- The manuscript does not follow some journal guidelines.
Comment/Example: Some guidelines, such as applying template, separate Results and Discussion sections, and italic variables, were not followed. We have edited to correct this.
- Where applicable, a remark has been added with next step(s) for the author.
Comment/Example: Please see the Formatting section of the remarks file.
- The structure and/or length of the abstract conforms to the journal guidelines.
- The style guide stipulated by the guidelines was followed.
Comment/Example: The ASME style guide was followed.
- The template specified in the guidelines has been applied to the manuscript.