
Montpellier, 22 of August 2020.

Vineeta Bajaj, Ph.D.
Review Editor
JoVE journal

On behalf of all the co-authors I thank you very much for your positive feedback and constructive reports about the manuscript JoVE61766 entitled “Epitaxial Nanostructured α -Quartz Film on Silicon: From Material to New Devices”.

Following your recommendation, we have carefully considered and addressed the questions and comments raised by the editorial. We have highlighted in yellow background the novel modifications according to the response to editorial comments.

• **Textual Overlap:** Significant portions show significant overlap with previously published work. Please re-write lines 97-99, 113-115, 120-124, 146-149, 33-335, 338-339, avoid this overlap.

We have resolved this overlapping issue in a novel version of the manuscript. The modified text has been highlighted in red text color.

• **Protocol Detail:** Please note that your protocol will be used to generate the script for the video, and must contain everything that you would like shown in the video. Please ensure that all specific details (e.g. button clicks for software actions, numerical values for settings, etc) have been added to your protocol steps. There should be enough detail in each step to supplement the actions seen in the video so that viewers can easily replicate the protocol. Some examples:

- 1) 1.1.2, 1.1.3: Mention stirring speed.
- 2) 8.2.1: Does “mn” mean “minutes”? Please use “min” instead here and in several other steps.

Verified

• **Protocol Numbering:**

- 1) All steps should be lined up at the left margin with no indentations.
- 2) Please add a one-line space after each protocol step.

Verified



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• **Protocol Highlight:** Please highlight ~2.5 pages or less of text (which includes headings and spaces) in yellow, to identify which steps should be visualized to tell the most cohesive story of your protocol steps.

1) The highlighting must include all relevant details that are required to perform the step. For example, if step 2.5 is highlighted for filming and the details of how to perform the step are given in steps 2.5.1 and 2.5.2, then the sub-steps where the details are provided must be included in the highlighting.

2) The highlighted steps should form a cohesive narrative, that is, there must be a logical flow from one highlighted step to the next.

3) Please highlight complete sentences (not parts of sentences). Include sub-headings and spaces when calculating the final highlighted length.

4) Notes cannot be filmed and should be excluded from highlighting.

The protocol has been highlighted in yellow background. However, we were not able to reduce more the final length of the highlighted text. We tried to reduce the maximum details but there are three different processes that make substantially longer (more than 2.5 pages) the protocol.

• **Discussion:** JoVE articles are focused on the methods and the protocol, thus the discussion should be similarly focused. Please ensure that the discussion covers the following in detail and in paragraph form (3-6 paragraphs): 1) modifications and troubleshooting, 2) limitations of the technique, 3) significance with respect to existing methods, 4) future applications and 5) critical steps within the protocol.

Verified

• **Figures:**

1) Fig 2, 3: Add common titles to each figure.

2) Fig 2a,b,c, 3a: Add scale bars.

Done

• **References:** Please spell out journal names.



Done

• **Commercial Language:** JoVE is unable to publish manuscripts containing commercial sounding language, including trademark or registered trademark symbols (TM/R) and the mention of company brand names before an instrument or reagent. Examples of commercial sounding language in your manuscript are (Brij-58, Milli-Q, AZ2070, Teflon, 33250A, Agilent, OFV-500D, Polytech,

1) Please use MS Word's find function (Ctrl+F), to locate and replace all commercial sounding language in your manuscript with generic names that are not company-specific. All commercial products should be sufficiently referenced in the table of materials/reagents. You may use the generic term followed by "(see table of materials)" to draw the readers' attention to specific commercial names.

Done

• **Table of Materials:**

1) Please revise the table of the essential supplies, reagents, and equipment. The table should include the name, company, and catalog number of all relevant materials/software in separate columns in an xls/xlsx file. Please include all instruments and raw materials used.

2) Please sort in alphabetical order.

Done

• If your figures and tables are original and not published previously or you have already obtained figure permissions, please ignore this comment. If you are re-using figures from a previous publication, you must obtain explicit permission to re-use the figure from the previous publisher (this can be in the form of a letter from an editor or a link to the editorial policies that allows you to re-publish the figure). Please upload the text of the re-print permission (may be copied and pasted from an email/website) as a Word document to the Editorial Manager site in the "Supplemental files (as requested by JoVE)" section. Please also cite the figure appropriately in the figure legend, i.e. "This figure has been modified from [citation]."

All figures are original.



All the authors sincerely hope that after correcting and clarifying the document and addressing the editors' observations, the paper will be suitable for publication in JoVE.

I look forward to hearing your decision.

With best regards,

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