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Title: The structure and the photocatalytic activity of titania based nanotube and nanofiber coatings

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Highlights:

- The photoactivity of TNT and TNF has been quantified by two different methods.
- The influence of the TNT and TNF structure on their photoactivity was studied.
- The photoactivity comparison of TNT and TNF was carried out.
- TNF coatings show higher photoactivity in comparison to TNT.

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