

Faculty and PostDocs Sciences and Engineering

Advanced degradation of organic substance in water using no-ferric Fenton Reaction on Titania Nanotube

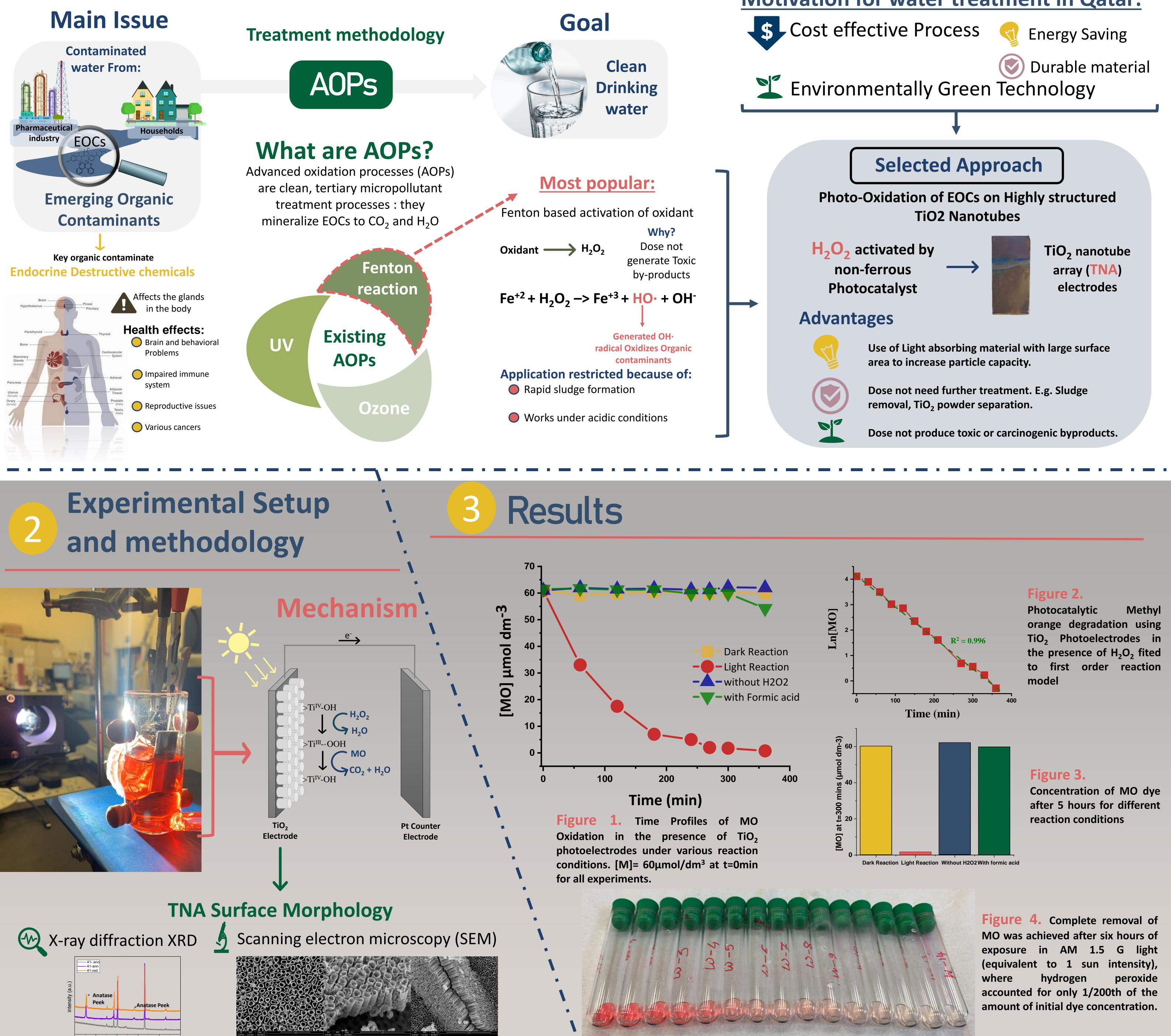
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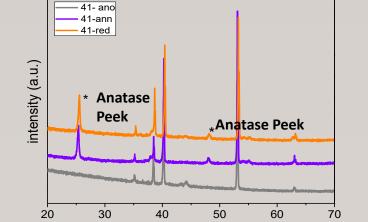
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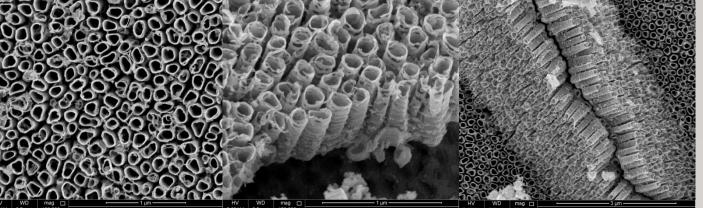


Introduction

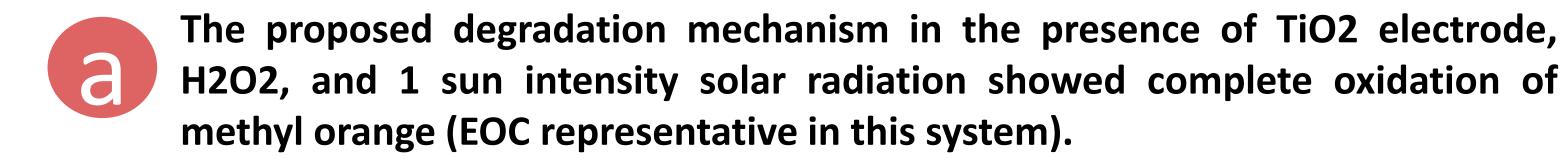


Motivation for water treatment in Qatar:





Conclusion





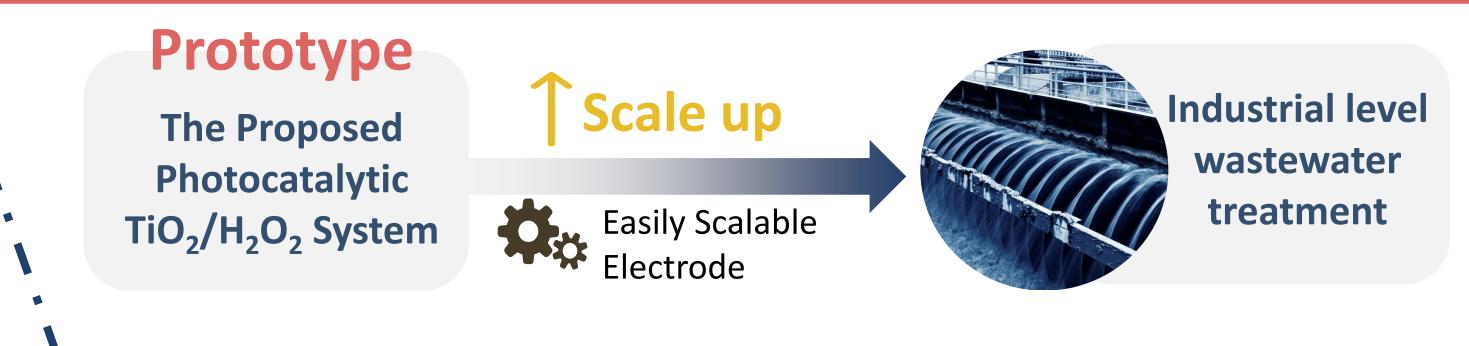
The Proposed approach follows first order reaction kinetics with rate constant $k = 0.0124 \text{ min}^{-1}$

References

[1] Bokare, A. D.; Choi, W. J. Hazard. Mater. 2014, 275, 121-135.

[2] Kim, D. H.; Bokare, A. D.; Koo, M. S.; Choi, W. *Environ. Sci. Technol*. 2015, 49, 3506-3513.





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