

## Lucrări publicate Dr. Ing. TISMĂNAR Ioana

### Articole științifice

1. **Tismanar I.**, Obreja A.C., Buiu O., Duta A., TiO<sub>2</sub> - rGO composite thin films in Vis-active photocatalysis, *Proceeding of the IEEE of the International Semiconductor Conference CAS 2021*, pp. 31-34, 2021  
<https://ieeexplore.ieee.org/document/9604184>
2. **Tismanar I.**, Obreja A.C., Buiu O., Duta A., VIS-active TiO<sub>2</sub> – graphene oxide composite thin films for photocatalytic applications, *Applied Surface Science*, 538, 147833, 2021 (FI = 6,182)  
[https://www.sciencedirect.com/science/article/pii/S0169433220325903?dgcid=rss\\_sd\\_all](https://www.sciencedirect.com/science/article/pii/S0169433220325903?dgcid=rss_sd_all)
3. **Tismanar I.**, Bogatu C., Gheorghita S., Obreja A. C., Buiu O., Duta A., Stability of the composite thin films MO<sub>x</sub> – GO in photocatalytic processes, *Proceeding of the IEEE of the International Semiconductor Conference CAS 2020*, Sinaia, România, 7-9 October 2020, doi: 10.1109/CAS50358.2020.9268013  
<https://ieeexplore.ieee.org/document/9268013>
4. Bogatu C., Covei M., **Tismanar I.**, Perniu D., Duta A., Composite nanostructures for water and air cleaning with enhanced efficiency, Published in Baia L., Pap Zsolt, Hernadi K., Baia M., (Editors) *Advanced nanostructures for environmental health*, Elsevier, 2020  
<https://www.sciencedirect.com/science/article/pii/B9780128158821000100>
5. Duta A., Bogatu C., **Tismanar I.**, Perniu D., Covei M., VIS-active photocatalytic composites for advanced wastewater treatment, *Journal of Engineering Sciences and Innovation*, Vol. 5, Issue 3 pp. 247-252, 2020  
[https://jesi.astr.ro/wp-content/uploads/2020/10/5\\_Anca-Duta.pdf](https://jesi.astr.ro/wp-content/uploads/2020/10/5_Anca-Duta.pdf)
6. Duta A., **Tismanar I.**, Obreja A. C., Buiu O., TiO<sub>2</sub> – Graphene oxide VIS-active composites for advanced wastewater treatment, Published in Visa I., Duta A. (Editors) *Solar Energy Conversion in Communities*, Springer, pp.359 – 369, 2020  
[https://link.springer.com/chapter/10.1007/978-3-030-55757-7\\_24](https://link.springer.com/chapter/10.1007/978-3-030-55757-7_24)

7. **Tismanar I.**, Obreja A. C., Buiu O., Duta A., Hydrophilicity variation of TiO<sub>2</sub> – Graphene oxide composites thin films for photocatalytic applications, Published in Visa I., Duta A. (Editors) *Solar Energy Conversion in Communities*, Springer, pp.387 – 397, 2020  
[https://link.springer.com/chapter/10.1007%2F978-3-030-55757-7\\_26](https://link.springer.com/chapter/10.1007%2F978-3-030-55757-7_26)
8. Bogatu C., Covei M., Perniu D., **Tismanar I.**, Duta A., Stability of the Cu<sub>2</sub>ZnSnS<sub>4</sub> / TiO<sub>2</sub> photocatalytic thin films active under visible light irradiation, *Catalysis Today*, 328, pp. 79-84, 2019 (FI = 4,667)  
<https://www.sciencedirect.com/science/article/pii/S0920586118310861>
9. Covei M., Bogatu C., Perniu D., **Tismanar I.**, Duta A., Comparative study of the photodegradation efficiency of organic pollutants using np multi-junction thin films, *Catalysis Today*, 328, pp. 57-64, 2019 (FI = 4,667)  
<https://www.sciencedirect.com/science/article/pii/S0920586118311003>
10. **Tismanar I.**, Isac L., Obreja A. C., Buiu O., Duta A., TiO<sub>2</sub> – Graphene oxide thin films obtained by spray pyrolysis deposition, *Proceeding of the IEEE of the International Semiconductor Conference CAS 2018*, Sinaia, România, 10-12 October 2018, doi: 10.1109/SMICND.2018.8539831  
<https://ieeexplore.ieee.org/document/8539831>
11. **Tismanar I.**, Covei M., Bogatu C., Duta A., The influence of the precursor type and of the substrate on the SPD deposition of TiO<sub>2</sub> photocatalytic thin films, *Annals of the West University of Timisoara. Physics Series, Timisoara*, Vol. 60, 2018  
<https://sciendo.com/de/article/10.2478/awutp-2018-0008>

### **Volum de specialitate**

Ioana Tismănar, *Fenomene de transfer și operații unitare. Teorie și aplicații*, Editura Universității Transilvania din Brașov, Brașov, 2022, ISBN 978-606-19-1487-6

Data  
16.06.2022

Dr. Ing. TISMĂNAR Ioana  
