

### 3. Lista lucrărilor științifice *reprezentative*, publicate în jurnale și volume ale conferințelor internaționale (selectie: lucrari publicate in ultimii 12 ani)

#### 3.1. Lista lucrărilor științifice *reprezentative*, publicate în jurnale și volume ale conferințelor internaționale, indexate Clarivate - Web of Science

**Domeniul: Materiale pentru conversia energiei solare**

Nr. Crt.	Articol
<b>2010</b>	
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2	Isac L., Popovici I., Enesca A., <b>Duta A.</b> , Copper Sulfide (Cu(x)S) Thin Films as Possible p-Type Absorbers in 3D Solar Cells, <i>Energy Procedia</i> , Vol. 2, 1, Pg., 71-78, 2010
3	Ienei E., Isac L., Cazan C., <b>Duta A.</b> , Characterization of Al/Al <sub>2</sub> O <sub>3</sub> /NiOx solar absorber obtained by spray pyrolysis, <i>Solid State Sciences</i> , Vol. 12, 11, Special Issue: SI, Pg. 1894-1897, 2010
4	Ienei E., Isac L., <b>Duta A.</b> , Synthesis of Alumina thin films by spray pyrolysis deposition, <i>Revue Roumaine de Chimie</i> , Vol. 55, 3, Pg. 161-165, 2010
5	Enesca A., <b>Duta A.</b> , The influence of the precursor concentration on the properties of SnO <sub>2</sub> thin films, <i>Thin Solid Films</i> , Vol. 519, 2, Pg. 568-572, 2010
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10	Bogatu C., Geana D., Vilcu R., <b>Duta A.</b> , Fluid phase equilibria in the binary system trifluoromethane+1-phenyloctane, <i>Fluid Phase Equilibria</i> , Vol. 295, 2, Pg. 186-193, 2010
11	Vladuta C., Andronic L., <b>Duta A.</b> , Effect of TiO <sub>2</sub> Nanoparticles on the Interface in the PET-Rubber Composites, <i>Journal of Nanoscience and Nanotechnology</i> , Vol 10, 4, Pg. 2518-2526, 2010
12	Burduhos B., Diaconescu D.V., Visa I., <b>Duta A.</b> , Electrical Response of an Optimized Oriented Photovoltaic System, <i>Proceedings of the International Conference on Optimization of Electrical and Electronic Equipment</i> , Pg. 1138-1145, 2010
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#### **Domeniul: Materialie compozite din deseuri reciclate**

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