

**List of publications resulted from the Complex Project Contract no. 81PCDDI/2018  
INNOVATIVE TECHNOLOGIES FOR RENEWABLE ENERGY PRODUCTION FROM INTEGRATED  
NATURAL SOURCES IN COMPLEX INSTALLATIONS (TEACHERS)**

<b>Articles published/accepted / evaluated in ISI indexed journals</b>	<b>Article title / Year of publication / Journal / Authors / Status (under evaluation / accepted / published)</b>	<b>4</b>
	<i>1.Complex innovative system for obtaining energy by simultaneously usage of renewable sources/2019/Rev. Roum. Sci. Techn.– Électrotechn. Et Énerg./George Poteras, György Deák, Cristina Sirbu, Natalia Simona Raischi, Marius Viorel Olteanu/Status: in evaluation</i>	
	<i>2.Bioengineering technologies used for the development and equipment of complex installations to obtain energy from three renewable sources. Complex installations for coastal areas/2020/ IOP Conference Series: Earth and Environmental Science – IOPscience/ George Poteraș, György Deák, Andreea-Georgiana Baraitaru, Marius Viorel Olteanu, Natalia Simona Raischi/ Status: in evaluation</i>	
	<i>3.The Hydrophily of Some Lacquers for Electrical Use/2020/Materiale Plastice/A. Bors, A. Caramitu, D. Marin, I. Lingvaj/ Status: in evaluation</i>	
	<i>4. Use of bio-engineering technologies in the construction and upgrade of complex installations for obtaining energy from three renewable sources. Complex installations for flowing waters/2020-send for evaluation/Conference Series: International Conference on Renewable Energy 2020/ George Poteras, György Deák, Iasmina-Florina BURLACU, Simona Natalia Raischi, Violeta-Monica Radu</i>	
<b>Articles published/accepted / evaluated in BDI indexed journals</b>	<b>Article title / Year of publication / Journal / Authors / Status (under evaluation / accepted / published)</b>	<b>10</b>
	<i>1.Innovative complex installations for the eco-electricity production in coastal areas/2018 /European Journal of Materials Science and Engineering (EJMSE)/ Alina-Florina NICOLAE, George POTERAȘ, György DEÁK, Andreea -Ioana DĂESCU, Iasmina -Florina BURLACU/ Status: published</i>	
	<i>2.Experimental setup to study two phase flows for environmental applications/2018/ Proceeding of 2018 EENVIRO Conference on „Sustainable Solutions for Energy and Environment/Irina Murgan, Florentina Bunea, Adrian Nedelcu, Gabriel Dan Ciocan/Status: published</i>	
	<i>3.Determining the optimal positioning of a system of three vertical solar collectors according to geographical orientation/2018/ Termotehnica/ Daniel TABAN, Alina POP, Cătălina DOBRE, Valentin APOSTOL, Tudor PRISECARU/Status: published</i>	
	<i>4.Comparative theoretical analysis on the use of a system of three vertical collectors integrated in a renewable energy production complex (CPER) in different coastal and maritime locations in Romania/2018/Termotehnica/ Daniel TABAN, Beatrice TĂNASE, Cătălina DOBRE, Adina GHEORGHAN, Alina POP, Horațiu POP, Valentin APOSTOL/Status: in evaluation</i>	
	<i>5.Comparative study on the positioning of solar collectors vertically or horizontally taking into account the restrictive conditions imposed by the dimensions of the renewable energy production system /2018/Termotehnica/Beatrice TĂNASE, Adina GHEORGHIAN, Mădălina ZAMFIR, Viorel BĂDESCU, Horațiu POP/Status: published</i>	

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| <p>6. Profiles of blades and paddles for turbines with geometric design inspired by nature/2019/G. Poteraș, György Deák, M. V. Olteanu, I.-F. Burlacu, C. Sîrbu/ AIP Conference Proceedings, indexata SCOPUS si Web of Science/Status: published</p>  |
| <p>7. The Power Quality in an Office Building Environment/2019/ELECTROTEHNICĂ, ELECTRONICĂ, AUTOMATICĂ/ Eleonora DARIE, Lucian PÎSLARU-DĂNESCU, Lucia-Andreea EL-LEATHEY/Status: published</p>  |
| <p>8. Electric propulsion system for light vehicles/2018/ ELECTROTEHNICA, ELECTROTEHNICĂ, ELECTRONICĂ, AUTOMATICĂ / STOICA Victor, Marin Dorian, CHIHAIA Rareș-Andrei/Status: published</p>   |
| <p>9. Thermodynamic assessment of a solar organic Rankine cycle (ORC) integrated in a complex system for renewable energy production from natural sources located on Romania's Danube river near Galați City/2019/ Institute of Electrical and Electronics Engineers IEEE Explore/Valentin APOSTOL, Horațiu POP, Daniel TABAN, Beatrice TĂNASE, Adina GHEORGHIAN, Cătălina DOBRE, Elena POP, Tudor Prisecaru, Camelia STANCIU/Status: published</p> |
| <p>10. Methods of conversion of biomass into electric and thermic/2020/Proceedings of International Symposium ISB-INMA TEH'2020/ Tăbărașu A.-M., Sorică C., Anghelache D., Ștefan V., Rusănescu C.O., Apostol V/ Status: in evaluation</p>  |