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Articole publicate in jurnale ISI cu factor de impact

1. Moldovan M., Rusea D., Visa I., *Optimising the thickness of the water layer in a triangle solar thermal collector*, Renewable Energy 173, 381-388, 2021, *factor de impact 8,001 (2020)*
2. Moldovan M., Burduhos B.G., Visa I., *Yearly Electrical Energy Assessment of a Photovoltaic Platform/Geothermal Heat Pump Prosumer*, Energies 14(13), 3776, 2021, *factor de impact 3,004 (2020)*
3. Visa M., Cosnita M., Moldovan M., Marin C.A., Mihaly M., *Fly Ash Waste Recycling by Pt/TiO₂ Incorporation for Industrial Dye Removal*, International Journal of Environmental Research and Public Health 18 (8), 3887, 2021, *factor de impact 2,849 (2019/2020)*
4. Visa I., Moldovan M., Duta A., *Novel triangle flat plate solar thermal collector for facades integration*, Renewable Energy 143, 252-262, 2019, *factor de impact 2,849 (2019/2020)*
5. Visa I., Duta A., Moldovan M., *Outdoor performance of a trapeze solar thermal collector for facades integration*, Renewable Energy 137, 37-44, 2019, *factor de impact 6,274*
6. Moldovan M., Visa I., Duta A., *Enhanced sustainable cooling for low energy office buildings in continental temperate climate*, ASCE's Journal of Energy Engineering 143 (5), 1-12, 2017, *factor de impact 1,346*
7. Visa I., Burduhos B.G., Neagoe M., Moldovan M.D., Duta A., *Comparative analysis of the infield response of five types of photovoltaic modules*, Renewable Energy 95, 178-190, 2016, *factor de impact 4,357*
8. Visa I., Duta A., Comsit M., Moldovan M.D., Ciobanu D., Saulescu R., Burduhos B.G., *Design and experimental optimization of a novel flat plate solar thermal collector with trapezoidal shape for facades integration*, Applied Thermal Engineering 90, 432-443, 2015, *factor de impact 3,043*
9. Visa I., Moldovan M., Comsit M., Duta A., *Improving the renewable energy mix in a building towards the nearly zero energy status*, Energy and Buildings 68, 72-78, 2014, *factor de impact 2,884*
10. Visa I., Comsit M., Moldovan M., Duta A., *Outdoor simultaneous testing of four types of photovoltaic tracked modules*, Journal of Renewable and Sustainable Energy 6, 1-12, 2014, *factor de impact 0,904*
11. Moldovan M., Visa I., Burduhos B., *Energetic autonomy for a solar house*, Environmental Engineering and Management Journal 10(9), 1283-1290, 2011, *factor de impact 1,004*
12. Burduhos B., Toma C., Neagoe M., Moldovan M., *Pseudo-equatorial tracking optimization for small photovoltaic platforms*, Environmental Engineering and Management Journal 10(9), 1059-1068, 2011, *factor de impact 1,004*

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2. Visa I., Moldovan M., Duta A., *Experimental Performance Assessment of Vertically Installed Solar Thermal Collectors*, Journal of Sustainable Development of Energy, Water and Environment Systems 8(4), 692-700, 2020
3. Cotorcea A., Pocora A., Nicolae F., Visa I., Moldovan M., *Experimental Assessment of the Tilt Angle Influence On The Solar Thermal Collectors Performance*, 2020 7th International Conference on

Energy Efficiency and Agricultural Engineering (EE&AE), Ruse, 1-6, 2020

4. Moldovan M., Visa I., Rusea I., *The influence of the solar thermal collectors integrated in the building façade on the building thermal energy demand across Europe*, Journal of Science and Arts 1(50), 203-214, 2020
5. Visa I., Moldovan M., Comsit M., Neagoe M., Duta A., *Facades integrated solar-thermal collectors – challenges and solutions*, Energy Procedia 112, 176-185, 2017
6. Moldovan M., Visa I., Neagoe M., Burduhos B., *Solar heating & cooling energy mixes to transform low energy buildings in nearly zero energy buildings*, Energy Procedia 48, 924-937, 2014
7. Neagoe M., Visa I., Burduhos B., Moldovan M., *Thermal load based adaptive tracking for flat plate solar collectors*, Energy Procedia 48, 1401–1411, 2014
8. Dombi V., Visa I., Moldovan M., Burduhos B., *Step orientation system for a solar thermal platform*, *Proceedings of 6th International Symposium Shape*, Mechanical And Industrial Design Of Products In Mechanical Engineering Kod 2010 Palic, Serbia, 265-268, 2010
9. Boian I., Serban A., Moldovan M., Chiriac F., *Heat pump laboratory*, 1st International Conference on Manufacturing Engineering, Quality And Production Systems, 136-141, 2009