

ИЗБОРИ АИНС 2018.
Одељење машинске науке, инострани члан

Умберто Дезидери

БИБЛИОГРАФИЈА

I. НАУЧНО-ИСТРАЖИВАЧКИ РЕЗУЛТАТИ

M10 – Монографије и монографске студије

M11 Истакнута монографија међународног значаја

1. U. Desideri, F. Asdrubali, Handbook of Energy Efficiency in Buildings, Butterworth-Heinemann, Oxford UK, 2018.
2. U. Desideri, L. Barelli, Solid Oxide Fuel Cell, Wiley, USA, 2015.

M13 Монографска студија/поглавље у књизи или рад у тематском зборнику

3. Desideri U., 2010, "Advanced absorption processes and technology for carbon dioxide (CO₂) capture in power plants", Chapter 5 of the book "Developments and innovation in carbon dioxide (CO₂) capture and storage technology", Ed. Maroto-Valer, Woodhead Publishing, Cambridge, U.K., ISBN 9-781845-695330.
4. Desideri U., 1997, "Condensatori", in Manuale Cremonese di Meccanica - Parte specialistica, Vol. IV, Sez. IV, Cap. 31, stampato da Edizioni Cremonese, Firenze.
5. Cattieuw P., Desideri U., Tadrist L. e Pantaloni J., 1992, "Experimental Study of a Circulating Fluidized Bed", in Energy for the Transition Age, pp.461-471, Ed. S.S. Stecco e M.J. Moran, Nova Science Publishers, stampato a Commack, NY, USA, ISBN 1-5607-2083-4
6. Desideri U., 2008, "Le alternative di utilizzo energetico del biogas", in Biogas da rifiuti solidi urbani, Editors: R. Vismara, F. Malpei, M. Centemero, pubblicato da Dario Flaccovio Editore, pp. 129-146, ISBN 978-88-7758-833-3.

M20 – Радови међународног значаја

M21 – Рад у врхунском међународном часопису

1. U. Desideri, N. Sorbi, L. Arcioni, D. Leonardi, 2011. Feasibility study and numerical simulation of a ground source heat pump plant applied to a residential building, Applied Thermal Engineering, Vol. 31, pp. 3500-3511, [doi:10.1016/j.applthermaleng.2011.07.003], ISSN 1359-4311.
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3. Discepoli G., Cinti G., Desideri U., Penchini D., Proietti S., 2012, Carbon capture with molten carbonate fuel cells: Experimental tests and fuel cell performance assessment, International Journal of Greenhouse Gas Control, Issue 9, Pages 372-384, http://dx.doi.org/10.1016/j.ijggc.2012.05.002, ISSN 1750-5836.

4. Desideri U., Leonardi D., Arcioni L., Sdringola P., 2012, European project Educa-RUE: An example of energy efficiency paths in educational buildings, *Applied Energy*, Vol. 97, September 2012, pp. 384-395, [doi: 10.1016/j.apenergy.2012.02.009], ISSN 0306-2619
5. Desideri U., Proietti S., Zepparelli F., Sdringola P., Bini S., 2012, Life Cycle Assessment of a ground-mounted 1778kW_p photovoltaic plant and comparison with traditional energy production systems, *Applied Energy*, Vol. 97, September 2012, pp. 930-943, [doi: 10.1016/j.apenergy.2012.01.055], ISSN 0306-2619.
6. Desideri, U., Zepparelli, F., Morettini, V., Garroni, E. 2013, "Comparative analysis of concentrating solar power and photovoltaic technologies: Technical and environmental evaluations", *Applied Energy*, vol. 102, pp. 765-784. [doi: 10.1016/j.apenergy.2012.08.033], ISSN 0306-2619.
7. Proietti, S., Desideri, U., Sdringola, P. & Zepparelli, F. 2013, "Carbon footprint of a reflective foil and comparison with other solutions for thermal insulation in building envelope", *Applied Energy*, Vol 112, pp. 843-855. [doi: 10.1016/j.apenergy.2013.01.086], ISSN 0306-2619.
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17. Yan, J., Chou, S.-K., Desideri, U., Lee, D.-J. Transition of clean energy systems and technologies towards a sustainable future (Part II) (2016) *Applied Energy*, 162, pp. 1109-1113.
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M22 – Рад у истакнутом међународном часопису

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3.2. Уводно предавање на конференцијама

Више уводних предавања на конференцијама у Европи, САД, Кини, и у држим земљама.

3.3. Члан научног одбора међународног скупа

Организатор више конференција. Члан више научних одбора.

3.4. Уређивачки одбор часописа.

3.5. Члан уређивачких одбора више часописа у издању Elsevier.

3.5. Рецензије радова

3.5.1. Рецензије у часописима са ISI листе

Рецензент бројних радова за више часописа.

4.1.Формирање лабораторије

Формирао више лабораторија на универзитетима у Перђи и Пизи.

4.2. Менторство

4.2.1. Ментор докторске дисертације

Ментор **29** докторских теза.

4.2.3. Ментор мастер рада

Ментор преко **200** мастер радова.

VI. ЦИТИРАНОСТ

6.1. Подаци о цитираности, SCOPUS

- Укупан број цитата: **2225**
- h-индекс: **25**

6.2. Подаци о цитираности, Google Scholar.

- Укупан број цитата: **3229**
- h-индекс: **30**