

## Publications and communications of Shady Attia [u220815]

### Legend


**Bibliometric indicators linked to the journal** (for those whose ISSN has been indicated by the author)

- **IF = Impact factor** Thomson ISI. Are indicated : IF of the year of publication and IF of the last edition of JCR (**last**), « ? » if not known by ORBi yet ; « - » if non-existent.
- **IF5** : idem as IF but for a 5 year period (new indicator since 2009).
- **EigenF = EigenFactor** (see : <http://www.eigenfactor.org/>).
- **Article Infl. = Article Influence** : EigenFactor divided by the number of articles published in the journal.  
→ More information ? <http://orbi.ulg.ac.be/rpt#rev>

**Bibliometric indicators linked to the article**

- **ORBi viewed** = total number of visualizations of a reference on ORBi (of which X internally within the ULiège).
- **ORBi downloaded** = total number of downloads of the full text via ORBi, including requests copy.
- **SCOPUS®** = number of citations picked up by SCOPUS®.  
→ More information ? <http://orbi.ulg.ac.be/rpt#art>

(Warning : According to disciplines, some bibliometric indicators may not be relevant)


 etc: full text of the document available in Open Access

 etc: full text of the document available in restricted access

**Peer reviewed (verified by ORBi)** : the information is available in the ORBi journals database

## 1. Dissertations and Theses

### 1.b. Doctoral thesis

 Attia, S. (2012). *A Tool for Design Decision Making Zero Energy Residential Buildings in Hot Humid Climates*. Unpublished doctoral thesis, Université Catholique de Louvain - UCL, Louvain La Neuve, Belgique.

<http://hdl.handle.net/2268/168238>

Jury: De Herde, A. (Promotor), Vandenburg, D., Hensen, J. L. M., Gratia, E., Bodart, M., & Steemers, K.

ORBi viewed: **761** (17 ULiège) ; downloaded: **1665** (9 ULiège) — SCOPUS®: -


### 1.c. Second cycle dissertations (licence, master, DES, DEA)

Attia, S. (2006). *Landscape Architecture for Micro-climate Improvement and Energy Conservation*. Unpublished master thesis, Wageningen University, Wageningen, The Netherlands.

<http://hdl.handle.net/2268/167614>

Jury: Duchhart, I. (Promotor).

ORBi viewed: **244** (2 ULiège) — SCOPUS®: -

 Attia, S. (2005). *New Urban Squares, Documentation for ten urban squares recently designed in the Netherlands*. Unpublished master thesis, Wageningen University, Wageningen, Netherlands.

<http://hdl.handle.net/2268/168224>


Jury: Lenzholzer, S. (Promotor).

ORBi viewed: **99** (3 ULiège) ; downloaded: **126** (1 ULiège) — SCOPUS®: -

## 3. Articles in peer reviewed academic journals

### 3.a. With an international target audience

As first or last author











 Attia, S., Polyvios, E., Xenii, F., & Morlot, R. (2017). Overview and future challenges of nearly Zero Energy Buildings (nZEB) design in Southern Europe. *Energy and Buildings*, 155, 439-458.

<http://hdl.handle.net/2268/214604>

Peer reviewed (verified by ORBi) ✓



ORBi viewed: **314** (10 ULiège) ; downloaded: **205** (3 ULiège) — SCOPUS®: **0**

IF 2017: ?; last: **2.973**; IF5: **3.666** — EigenF 2017: ?; last: **0.028** — Article Infl. 2017: ?; last: **0.7**

-  Attia, S. (2017). Evaluation of adaptive facades: The case study of Al Bahr Towers in the UAE. *Shaping Qatar's Sustainable Built Environment*, 2(6), 1-13.  
<http://hdl.handle.net/2268/215157>  
 Peer reviewed ✓  
 ORBi viewed: **207** (4 ULiège) ; downloaded: **147** (3 ULiège)
-  Attia, S., Hamdy, M., & Ezzeldin, S. (2017). Twenty-year tracking of lighting savings and power density in the residential sector. *Energy and Buildings*, 154, 113-126.  
<http://hdl.handle.net/2268/213585>  
 Peer reviewed (verified by ORBi) ✓  
 ORBi viewed: **65** (6 ULiège) ; downloaded: **28** (2 ULiège) — SCOPUS®: **0**  
 IF 2017: ?; last: **2.973**; IF5: **3.666** — EigenF 2017: ?; last: **0.028** — Article Infl. 2017: ?; last: **0.7**
-  Hamdy, M., Siren, K., & Attia, S. (2017). Impact of Financial Assumptions on the Cost Optimality towards Nearly Zero Energy Buildings- A case study. *Energy and Buildings*, 153, 421-438.  
<http://hdl.handle.net/2268/213422>  
 Peer reviewed (verified by ORBi) ✓  
 ORBi viewed: **93** (6 ULiège) ; downloaded: **14** (1 ULiège) — SCOPUS®: **1** (0 self citations excluded)  
 IF 2017: ?; last: **2.973**; IF5: **3.666** — EigenF: — Article Infl.:
-  Roshan, G., Farrokhzad, M., & Attia, S. (2017). Defining thermal comfort boundaries for heating and cooling demand estimation in Iran's urban settlements. *Building & Environment*, 121, 168-189.  
<http://hdl.handle.net/2268/210752>  
 Peer reviewed (verified by ORBi) ✓  
 ORBi viewed: **66** (12 ULiège) ; downloaded: **14** (3 ULiège) — SCOPUS®: **0**  
 IF 2017: ?; last: **3.394**; IF5: **3.804** — EigenF: — Article Infl.:
-  Muresan, A. A., & Attia, S. (2017). Energy Efficiency in the Romanian Residential Building Stock: A Literature Review. *Renewable and Sustainable Energy Reviews*, 74, 349-363.  
<http://hdl.handle.net/2268/207645>  
 Peer reviewed (verified by ORBi) ✓  
 ORBi viewed: **85** (10 ULiège) ; downloaded: **83** (2 ULiège) — SCOPUS®: **2** (1 self citations excluded)  
 IF 2017: ?; last: **6.798**; IF5: **7.896** — EigenF: — Article Infl.:
-  Roshan, G. R., Ghanghermeh, A. A., & Attia, S. (2016). Determining new threshold temperatures for cooling and heating degree day index of different climatic zones of Iran. *Renewable Energy : An International Journal*, 101(2017), 156-167.  
<http://hdl.handle.net/2268/201388>  
 Peer reviewed (verified by ORBi) ✓  
 ORBi viewed: **75** (10 ULiège) ; downloaded: **130** (1 ULiège) — SCOPUS®: **3** (0 self citations excluded)  
 IF 2016: ?; last: **3.404**; IF5: **4.068** — EigenF 2016: ?; last: **0.033** — Article Infl. 2016: ?; last: **0.9**
-  Attia, S. (2016). Towards regenerative and positive impact architecture: A comparison of two net zero energy buildings. *Sustainable Cities and Society*, 26(2016), 393-406.  
<http://hdl.handle.net/2268/200322>  
 Peer reviewed ✓  
 ORBi viewed: **188** (22 ULiège) ; downloaded: **330** (8 ULiège) — SCOPUS®: **3** (1 self citations excluded)
-  Attia, S., & Carlucci, S. (2015, June 11). Impact of Different Thermal Comfort Models on Zero Energy Residential Buildings in Hot Climate. *Energy & Buildings*, 117-128.  
<http://hdl.handle.net/2268/181546>  
 Peer reviewed ✓  
 ORBi viewed: **308** (53 ULiège) ; downloaded: **542** (27 ULiège) — SCOPUS®: **17** (13 self citations excluded)
-  Attia, S., Hamdy, M., O'Brien, W., & Carlucci, S. (2013). Assessing gaps and needs for integrating building performance optimization tools in net zero energy buildings design. *Energy and Buildings*, 60, 110-124.  
<http://hdl.handle.net/2268/163817>  
 Peer reviewed (verified by ORBi) ✓  
 ORBi viewed: **86** (8 ULiège) ; downloaded: **1196** (4 ULiège) — SCOPUS®: **98** (88 self citations excluded)  
 IF 2013: **2.465**; last: **2.973**; IF5: **3.666** — EigenF 2013: **0.0175**; last: **0.020** — Article Infl. 2013: **0.6374**; last: **0.6**
-  Attia, S., De Herde, A., Gratia, E., & Hensen, J. L. M. (2013). Achieving informed decision-making for net zero energy buildings design using building performance simulation tools. *Building Simulation*, 6(1), 3-21.  
<http://hdl.handle.net/2268/163816>  
 Peer reviewed (verified by ORBi) ✓  
 ORBi viewed: **370** (9 ULiège) ; downloaded: **267** (3 ULiège) — SCOPUS®: **11** (11 self citations excluded)  
 IF 2013: **0.631**; last: **1.409**; IF5: **1.239** — EigenF 2013: **0.0004**; last: **<0.001** — Article Infl. 2013: **0.1807**; last: **0.3**


-  Attia, S., Evrard, A., & Gratia, E. (2012). Development of benchmark models for the Egyptian residential buildings sector. *Applied Energy*, 94, 270-284.  
<http://hdl.handle.net/2268/163819>  
 Peer reviewed (verified by ORBi) ✓  
 ORBi viewed: **98** (7 ULiège) ; downloaded: **500** (4 ULiège) — SCOPUS®: **41** (33 self citations excluded)  
 IF 2012: **4.781**; last: **5.746**; IF5: **6.222** — EigenF 2012: **0.027**; last: **0.058** — Article Infl. 2012: **1.0**; last: **1.2**
-  Attia, S., Gratia, E., De Herde, A., & Hensen, J. L. M. (2012). Simulation-based decision support tool for early stages of zero-energy building design. *Energy and Buildings*, 49, 2-15.  
<http://hdl.handle.net/2268/163818>  
 Peer reviewed (verified by ORBi) ✓  
 ORBi viewed: **100** (3 ULiège) ; downloaded: **1327** (2 ULiège) — SCOPUS®: **108** (98 self citations excluded)  
 IF 2012: **2.679**; last: **2.973**; IF5: **3.666** — EigenF 2012: **0.016**; last: **0.020** — Article Infl. 2012: **0.7**; last: **0.6**
-  Attia, S. (2012). A Case Study for a Zero Impact Building in Belgium: Mondo Solar-2002. *International Journal of Sustainable Building Technology and Urban Development*, 2(2), 137-142.  
<http://hdl.handle.net/2268/162605>  
 Peer reviewed (verified by ORBi) ✓  
 ORBi viewed: **61** (10 ULiège) ; downloaded: **130** (2 ULiège) — SCOPUS®: **2** (2 self citations excluded)
-  Attia, S., Weytjens, L., De Herde, A., & Verbeeck, G. (2012). A comparative study of the 'architect-friendliness' of six building performance simulation tools. *International Journal of Sustainable Building Technology and Urban Development*, 2(3), 237-244.  
<http://hdl.handle.net/2268/163820>  
 Peer reviewed ✓  
 ORBi viewed: **272** (7 ULiège) ; downloaded: **233** (5 ULiège) — SCOPUS®: **7** (6 self citations excluded)
-  Attia, S., Hensen, J. L., Beltrán, L., & De Herde, A. (2011). Selection Criteria for Building Performance Simulation Tools: Contrasting Architects and Engineers Needs. *Journal of Building Performance Simulation*, 5(3), 155-169.  
<http://hdl.handle.net/2268/162677>  
 Peer reviewed (verified by ORBi) ✓  
 ORBi viewed: **115** (7 ULiège) ; downloaded: **1064** (2 ULiège) — SCOPUS®: **39** (34 self citations excluded)  
 IF 2011: **0.718**; last: **1.807**; IF5: **2.089** — EigenF 2011: **<0.001**; last: **0.001** — Article Infl. 2011: **0.4**; last: **0.6**

#### As co-author

-  Amer, M., Mustafa, A., Teller, J., Attia, S., & Reiter, S. (2017). A Methodology to Determine the Potential of Urban Densification through Roof Stacking. *Sustainable Cities and Society*, 35, 677-691.  
<http://hdl.handle.net/2268/214767>  
 Peer reviewed ✓  
 ORBi viewed: **55** (7 ULiège) ; downloaded: **21** (3 ULiège) — SCOPUS®: **0**
-  Singh, M. K., Attia, S., Mahapatra, S., & Teller, J. (2016). Assessment of thermal comfort in existing pre-1945 residential building stock. *Energy*, 98(March), 122-134.  
<http://hdl.handle.net/2268/192996>  
 Peer reviewed (verified by ORBi) ✓  
 ORBi viewed: **72** (20 ULiège) ; downloaded: **45** (10 ULiège) — SCOPUS®: **5** (5 self citations excluded)  
 IF 2016: ?; last: **4.292**; IF5: **4.81** — EigenF: — Article Infl.:

## 4. Articles in non-peer reviewed academic journals

### 4.a. With an international target audience

-  Attia, S. (2007). Rising Sea Levels threatens the Nile Delta. *'scape : The International Magazine of Landscape Architecture and Urbanism*, 2.  
<http://hdl.handle.net/2268/168225>  
 ORBi viewed: **73** ; downloaded: **931** — SCOPUS®: -

## 5. Books

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### 5.a. As author or co-author

Attia, S. (2018). *Net Zero Energy Buildings (NZE): Concepts, Frameworks and Roadmap for Project Analysis and Implementation*. Elsevier.

<http://hdl.handle.net/2268/214155>

ORBi viewed: **71** (1 ULiège)

Attia, S. (2018). *Regenerative and Positive Impact Architecture: Learning from Case Studies*. London, United Kingdom: Springer International Publishing.

<http://hdl.handle.net/2268/213357>

ORBi viewed: **87** (4 ULiège)

Attia, S. (2017). *Yearbook 2016 Ateliers d'Architecture III: Logement collectif durable et conception régénérative*. Liege, Belgium: SBD Lab.

<http://hdl.handle.net/2268/216612>

ORBi viewed: **51** (2 ULiège)

Attia, S. (2016). *Yearbook 2015 Ateliers d'Architecture III: Logement collectif durable et conception régénérative (1)*. Liege, Belgium: SBD Lab, Liege University.

<http://hdl.handle.net/2268/196369>

ORBi viewed: **92** (15 ULiège) — SCOPUS®: -

Attia, S. (2015). *Yearbook 2014-2015 Ateliers d'Architecture III: Logement collectif durable et conception régénérative*. Liege, Belgium: SBD Lab.

<http://hdl.handle.net/2268/194009>

ORBi viewed: **102** (21 ULiège) — SCOPUS®: -

### 5.b. As editor or publication director



Attia, S., Teller, J., & Mahy, G. (Eds.). (2017). *4th Doctoral Seminar on Sustainability Research in the Built Environment Book of Abstracts*. Liège, Belgium: SBD Lab.

<http://hdl.handle.net/2268/209902>

ORBi viewed: **163** (10 ULiège) ; downloaded: **66** (4 ULiège)

## 6. Chapters and parts of collective works

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### 6.a. Chapters

Attia, S. (2017). Resource efficiency and circularity in engineering higher education. In M., Moula, O., Pekka, S., Jaana, & K., Gyöngi (Eds.), *Constructing A Green Circular Society* (pp. 62-84). Helsinki, Finland: University of Helsinki.

<http://hdl.handle.net/2268/214263>

Peer reviewed ✓

ORBi viewed: **45** (1 ULiège)



Attia, S. (2015). Adaptive Façades Systems: procedures and protocols for performance monitoring & evaluation. In Andreas Luible, *Adaptive facade network - Europe* (1, pp. 46). TU-Delft.

<http://hdl.handle.net/2268/194556>

ORBi viewed: **250** (6 ULiège) ; downloaded: **386** (2 ULiège) — SCOPUS®: -

Attia, S., Hamdy, M., Carlucci, S., Pagliano, L., Bucking, S., & Hasan, A. (2015). Modelling, Design, and Optimisation of Net-Zero Energy Buildings. In A., Athienitis & O'Brien (Eds.), *Building Performance Optimisation of Net Zero-Energy Buildings* (1st ed, pp. 300-330). Berlin, Germany: Wiley and Sons.

<http://hdl.handle.net/2268/181545>

Peer reviewed ✓

ORBi viewed: **135** (6 ULiège) — SCOPUS®: **4** (0 self citations excluded)



Atanasiu, B., & Attia, S. (Crit. Ed.). (2011). Principles for nearly Zero-energy Buildings: Paving the way for effective implementation of policy requirements. In B., Atanasiu (Ed.), *Principles for nearly Zero-energy Buildings: Paving the way for effective implementation of policy requirements* (pp. 124). Brussels, Belgium: BPIE.

<http://hdl.handle.net/2268/209904>


Peer reviewed ✓

ORBi viewed: **48** (5 ULiège) ; downloaded: **59** (2 ULiège)

-  Attia, S. (2010). Towards a definition of zero impact buildings. In R., Rovers (Ed.), *Towards 0-Impact Buildings and Built Environments* (pp. 105-112). Techne Press.  
<http://hdl.handle.net/2268/162606>  
Peer reviewed ✓  
ORBi viewed: **55** (7 ULiège) ; downloaded: **2** (1 ULiège) — SCOPUS®: -
-  Attia, S., & Huffschmid, D. (2005). Energy Plantage, Leeuwarden: Look and feel. In F., Dam, van, & Noorman (Eds.), *Grounds for Change: Bridging energy Planning and spatial design strategies* (pp. 67-75). Groningen, Netherlands: KNN Milieu B.V.  
<http://hdl.handle.net/2268/168198>  
ORBi viewed: **20** (1 ULiège) ; downloaded: **82** — SCOPUS®: -
- Attia, S. (2004). Cairo Railway Station. In Archiprix International 2003 (Ed.), *World's Best Graduation Projects : Istanbul 2003, Rotterdam 2001* (pp. 58). Rotterdam, The Netherlands: 010 Publishers.  
<http://hdl.handle.net/2268/168123>  
ORBi viewed: **38** — SCOPUS®: -

## 8. Scientific conferences at universities and research centers

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-  Amer, M., & Attia, S. (2016, April 27). *DenCity: Zero Energy Lightweight Construction Households for Urban Densification*. Paper presented at DS2BE: Doctoral Seminar on Sustainability Research in the built Environment, Leuven, Belgium.  
<http://hdl.handle.net/2268/196668>  
ORBi viewed: **80** (38 ULiège) ; downloaded: **33** (11 ULiège) — SCOPUS®: -









## 9. Scientific congresses and symposia

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### 9.a. On invitation


With an international target audience

-  Bilir, S., & Attia, S. (2018). Evaluation of Adaptive Facades: A case study of the Swiss School in Dubai. In A., Luible (Ed.), *Adaptive Facades*. Luzern, Switzerland.  
<http://hdl.handle.net/2268/213742>  
Peer reviewed ✓  
ORBi viewed: **59** (6 ULiège) ; downloaded: **33** (1 ULiège)
-  Gauvreau-Lemelin, C., & Attia, S. (2017). Benchmarking the Environmental Impact of Green and Traditional Masonry Wall Constructions. In L., Brotas, S., Roaf, & N., Fergus (Eds.), *Passive low energy architecture design to thrive* (pp. 2856-2863). Edinburgh, United Kingdom: Heriot Watt University, Edinburgh.  
<http://hdl.handle.net/2268/212318>  
Peer reviewed ✓  
ORBi viewed: **40** (6 ULiège) ; downloaded: **23** (7 ULiège)
- Belkhouane, H., Hensen, J., & Attia, S. (2017). Thermal comfort models for net zero energy buildings in hot climates. *Second International Conference on Energy and Indoor Environment for Hot Climates*. Doha, Qatar.  
<http://hdl.handle.net/2268/205958>  
Peer reviewed ✓  
ORBi viewed: **259** (5 ULiège)
-  Attia, S. (2017). Best Practices for NZEB design in Mixed & Cooling Dominated Climates. In T., HARPUTLUGİL, *Symposium for Improving Energy Efficiency in Buildings Project* (pp. 221). Ankara, Turkey.  
<http://hdl.handle.net/2268/207553>  
Peer reviewed ✓  
ORBi viewed: **73** (6 ULiège) ; downloaded: **37** (1 ULiège)
- Attia, S. (2016). Evaluation of adaptive facades: Case study, Al Bahar Towers, UAE. In A., Amato, *TOGETHER LET'S BUILD A SUSTAINABLE FUTURE* (pp. 115-123). Doha, Qatar: Qatar Green Building Council.  
<http://hdl.handle.net/2268/203448>  
Peer reviewed ✓  
ORBi viewed: **372** (8 ULiège)

- Attia, S., & Al-Khuraissat, M. (2016). Life Cycle Costing for a Near Zero Energy Building in Jordan: Initial Study. *The 5th Architectural Jordanian International Conference*. Amman, Jordan: Jordan Engineers Association.  
<http://hdl.handle.net/2268/203447>  
Peer reviewed ✓  
ORBi viewed: **119** (2 ULiège) — SCOPUS®: -
-  Attia, S. (2016). Introducing regenerative design and circularity into architectural and engineering curriculum. In Mazijn (Ed.), *BUILDING A CIRCULAR ECONOMY TOGETHER* (pp. 89-96). Bruges, Belgium: Univeriste de Bruges.  
<http://hdl.handle.net/2268/201449>  
Peer reviewed ✓  
ORBi viewed: **128** (8 ULiège) ; downloaded: **42** (2 ULiège)
-  Attia, S., & Detroz, P. (2016). Flipped classes and enriched skeleton maps to foster deep and interactive learning in engineering education. In Mazijn, *BUILDING A CIRCULAR ECONOMY TOGETHER*. Bruges, Belgium: Univeriste de Bruges.  
<http://hdl.handle.net/2268/201450>  
Peer reviewed ✓  
ORBi viewed: **74** (6 ULiège) ; downloaded: **88** (2 ULiège)
-  Meliani, H., Teller, J., & Attia, S. (2016). Architectural and Environmental Housing Typology Analysis in Huamachuco, Peru. In P., La Roche & M., Schiler, *Passive and Low Energy Architecture Conference* (1st). Los Angeles, USA: PLEA.  
<http://hdl.handle.net/2268/201480>  
Peer reviewed ✓  
ORBi viewed: **162** (9 ULiège) ; downloaded: **205** (6 ULiège) — SCOPUS®: -
-  Attia, S., & Bashandy, H. (2016). Evaluation of Adaptive Facades: The Case Study of AGC Headquarter in Belgium. In J., Belis & C., Louter, *Challenging Glass 5* (1). Ghent, Belgium: Ghent University.  
<http://hdl.handle.net/2268/198431>  
Peer reviewed ✓  
ORBi viewed: **246** (19 ULiège) ; downloaded: **390** (13 ULiège) — SCOPUS®: -
- Amer, M., & Attia, S. (2016). DenCity: Zero Energy Light Weight Construction Households for Urban Densification. *Rencontres Universitaires de Génie Civil de l'AUGC*. Liege, Belgique.  
<http://hdl.handle.net/2268/197450>  
Peer reviewed ✓  
ORBi viewed: **71** (23 ULiège) — SCOPUS®: -
-  Attia, S. (2015). Overview and recommendation on urban densification potential in Liège, Belgium. In AEE INTEC (Ed.), *High-quality retrofit and redensification with timber construction systems* (pp. 62-69). Graz, Austria.  
<http://hdl.handle.net/2268/182805>  
Peer reviewed ✓  
ORBi viewed: **175** (38 ULiège) ; downloaded: **296** (22 ULiège) — SCOPUS®: -
-  Attia, S. (2015). Screening and analyzing retrofit systems for zero energy renovation and their potential application in Liège, Belgium. In AEE INTEC (Ed.), *High-quality retrofit and redensification with timber construction systems* (pp. 167-175). Graz, Austria.  
<http://hdl.handle.net/2268/183012>  
Peer reviewed ✓  
ORBi viewed: **220** (26 ULiège) ; downloaded: **239** (18 ULiège) — SCOPUS®: -
-  Amer, M., & Attia, S. (2014). Investigation into the Influence of External Walls Reflectivity on the Indoor Daylight Availability in Desert Climates. *Conference Proceedings: Building Simulation and Optimization 2014*. London, UK.  
<http://hdl.handle.net/2268/169283>  
Peer reviewed ✓  
ORBi viewed: **710** (19 ULiège) ; downloaded: **204** (11 ULiège)
-  Amer, M., Moro, J. L., & Attia, S. (2013). Parametric Analysis for Daylight Autonomy and Energy Consumption in Hot Climates. *Building Simulation Conference, Chambéry 25-28 August 2013*.  
<http://hdl.handle.net/2268/201828>  
Peer reviewed ✓  
ORBi viewed: **43** (3 ULiège) ; downloaded: **24** (1 ULiège)



## With a national target audience








-  Attia, S. (2015, January). *Le concept d'« enriched skeleton map » dans le cadre des classes inversée en sciences appliquées*. Paper presented at 27e colloque de l'ADMEE - Association pour le développement des méthodologies d'évaluation en éducation, Liège, Belgium.  
<http://hdl.handle.net/2268/190977>  
ORBi viewed: **46** (2 ULiège) ; downloaded: **17** — SCOPUS®: -









## 9.b. On a personal proposal

Published









### With an international target audience







#### With peer reviewing

-  Ruellan, G., & Attia, S. (2015). Wood, the material of tomorrow's retrofits. *High-quality retrofit and redensification with timber construction systems*.  
<http://hdl.handle.net/2268/183343>  
Peer reviewed ✓  
ORBi viewed: **67** (13 ULiège) ; downloaded: **54** (9 ULiège) — SCOPUS®: -
-  Attia, S. (2014). Assessing the Thermal Performance of Bedouin Tents in Hot Climates. *ASHRAE Energy & Indoor Environment for Hot Climates*. Doha, Qatar.  
<http://hdl.handle.net/2268/164042>  
Peer reviewed ✓  
ORBi viewed: **383** (4 ULiège) ; downloaded: **2680** — SCOPUS®: -
-  Attia, S. (2014). The Usability of Green Building Rating Systems in Hot Arid Climates. *ASHRAE Energy & Indoor Environment for Hot Climates*.  
<http://hdl.handle.net/2268/164015>  
Peer reviewed ✓  
ORBi viewed: **879** (13 ULiège) ; downloaded: **2051** (5 ULiège) — SCOPUS®: -
- Attia, S., & Hensen, J. (2014). Investigating the Impact of Different Thermal Comfort Models for Zero Energy Buildings in Hot Climates. *Proceedings 1st Int. Conf. on Energy and Indoor Environment for Hot Climates*.  
<http://hdl.handle.net/2268/166568>  
Peer reviewed ✓  
ORBi viewed: **434** (22 ULiège) — SCOPUS®: -
-  Attia, S., & Zawaydeh, S. (2014). Strategic Decision Making For Zero Energy Buildings in Jordan. *Proceedings of the 1st International Conference on Energy & Indoor Environment for Hot Climates*. Doha, Qatar.  
<http://hdl.handle.net/2268/164044>  
Peer reviewed ✓  
ORBi viewed: **392** (11 ULiège) ; downloaded: **880** (4 ULiège) — SCOPUS®: -
-  Attia, S., & Dabaieh, M. (2013). The usability of green building rating systems in hot arid climates: A case study in Siwa, Egypt. *Proceedings of the 4th Biennial subtropical cities conference*. Fort Lauderdale, FL, USA.  
<http://hdl.handle.net/2268/163946>  
Peer reviewed ✓  
ORBi viewed: **170** (2 ULiège) ; downloaded: **116** (1 ULiège) — SCOPUS®: -
-  Attia, S., & Geoffrey, V. M. (2013). Bioclimatic Design in Casablanca (Morocco): Decision Support through Building Performance Simulation. *Proceedings of the 4th Biennial subtropical cities conference*. Fort Lauderdale, FL, USA.  
<http://hdl.handle.net/2268/163947>  
Peer reviewed ✓  
ORBi viewed: **200** (5 ULiège) ; downloaded: **679** (2 ULiège) — SCOPUS®: -
-  Attia, S. (2013). Achieving Informed Decision-Making using Building Performance Simulation. *Proceeding of the Education and research in Computer Aided Architectural Design in Europe Conference*. Delft, Netherlands.  
<http://hdl.handle.net/2268/163954>  
Peer reviewed ✓  
ORBi viewed: **69** (2 ULiège) ; downloaded: **234** (3 ULiège) — SCOPUS®: -

-  Attia, S., & Andersen, M. (2013). Measuring the Usability and Effectiveness of CAAD Tools and Applications. *Proceeding of the Education and research in Computer Aided Architectural Design in Europe Conference*. Delft, Netherlands.  
<http://hdl.handle.net/2268/163951>  
Peer reviewed ✓  
ORBi viewed: **107** (1 ULiège) ; downloaded: **90** — SCOPUS®: -
- Attia, S., Gratia, E., De Herde, A., & Hensen, J. (2013). Early decision support for net zero energy buildings design using building performance simulation. *Clean Technology for Smart Cities and Buildings*. Lausanne, Switzerland.  
<http://hdl.handle.net/2268/167456>  
Peer reviewed ✓  
ORBi viewed: **41** — SCOPUS®: -
-  Attia, S., Beney, J. F., & Andersen, M. (2013). Application of the Cradle to Cradle paradigm to a housing unit in Switzerland: Findings from a prototype design. *PLEA 2013 Munich: Sustainable Architecture for a Renewable Future*. Munchen, Germany.  
<http://hdl.handle.net/2268/164017>  
Peer reviewed ✓  
ORBi viewed: **174** (6 ULiège) ; downloaded: **107** (2 ULiège) — SCOPUS®: -
-  Attia, S., & Evrard, A. (2013). Benchmark Models for Air Conditioned Residential Buildings in Hot Humid Climate. *Proceedings of the 13th Conference of International Building Performance Simulation Association*. Chambéry, France.  
<http://hdl.handle.net/2268/164047>  
Peer reviewed ✓  
ORBi viewed: **80** (1 ULiège) ; downloaded: **563** — SCOPUS®: **0**
-  Attia, S., Gratia, E., De Herde, A., & Hensen, J. L. M. (2013). A Tool for Design Decision Making Zero Energy Residential Buildings in Hot Humid Climate. *Proceedings of the 13th Conference of International Building Performance Simulation Association*. Chambéry, France.  
<http://hdl.handle.net/2268/165467>  
Peer reviewed ✓  
ORBi viewed: **192** (8 ULiège) ; downloaded: **548** (5 ULiège) — SCOPUS®: **1** (1 self citations excluded)
-  Attia, S., Hamdy, M., O'Brien, W., & Carlucci, S. (2013). Computational Optimisation for Zero Energy Buildings Design Interviews results with twenty eight International expert. *Proceedings of the 13th Conference of International Building Performance Simulation Association*. Chambéry, France.  
<http://hdl.handle.net/2268/164037>  
Peer reviewed ✓  
ORBi viewed: **51** (5 ULiège) ; downloaded: **363** (5 ULiège) — SCOPUS®: **11** (6 self citations excluded)
-  Attia, S., Walter, E., & Andersen, M. (2013). Identifying and modeling the integrated design process of net Zero Energy buildings. *Proceedings of the High Performance Buildings - Design and Evaluation Methodologies Conference*. Brussels, Belgium.  
<http://hdl.handle.net/2268/164039>  
Peer reviewed ✓  
ORBi viewed: **219** (4 ULiège) ; downloaded: **122** (2 ULiège) — SCOPUS®: -
- Attia, S. (2012). New construction or renovation in Belgium: Setting the net and nearly zero energy building target in perspective. *PassiveHouse 2012 Conference Proceedings*. Brussels, Belgium: Passiefhuis-Platform, Plateforme Maison Passive.  
<http://hdl.handle.net/2268/167463>  
Peer reviewed ✓  
ORBi viewed: **115** (29 ULiège) — SCOPUS®: -
-  Attia, S., & Wanas, O. (2012). The Database of Egyptian Building Envelopes (DEBE): A database for building energy simulations. *Proceedings of SimBuild 2012*.  
<http://hdl.handle.net/2268/167466>  
Peer reviewed ✓  
ORBi viewed: **204** (6 ULiège) ; downloaded: **419** (1 ULiège) — SCOPUS®: -
-  Attia, S., & Mlecnik, E. (2012). Avoiding the elephant: the net and nearly zero energy building target in Belgium. *World Sustainable Energy Days*.  
<http://hdl.handle.net/2268/167469>  
Peer reviewed ✓  
ORBi viewed: **98** (10 ULiège) ; downloaded: **100** (5 ULiège) — SCOPUS®: -



-  Attia, S., & Mlecnik, E. (2012). Principles for nearly zero energy building in Belgium. *World Sustainable Energy Days*. Wels, Austria.  
<http://hdl.handle.net/2268/167472>  
 Peer reviewed ✓  
 ORBi viewed: **61** (8 ULiège) ; downloaded: **239** (9 ULiège) — SCOPUS®: -
-  Moeseke, G., Attia, S., Massart, C., Darteville, O., & De Herde, A. (2012). Proposition de redéfinition pragmatique des bâtiments net-zéro énergie. *Symposium PassiveHouse 2012*.  
<http://hdl.handle.net/2268/167464>  
 Peer reviewed ✓  
 ORBi viewed: **59** (4 ULiège) ; downloaded: **126** (4 ULiège) — SCOPUS®: -
-  Attia, S., Hamdy, M., Samaan, M., De Herde, A., & Hensen, J. L. M. (2011). Towards strategic use of BPS tools in Egypt. *Proceedings of 12th International Building Performance Simulation Association - 2011*. Sydney, Australia: IBPSA.  
<http://hdl.handle.net/2268/167479>  
 Peer reviewed ✓  
 ORBi viewed: **107** (2 ULiège) ; downloaded: **137** (1 ULiège) — SCOPUS®: **3** (0 self citations excluded)
-  Attia, S., & De Herde, A. (2011). Early design simulation tools for net zero energy buildings: a comparison of ten tools. *Conference Proceedings of 12th International Building Performance Simulation Association, 2011*.  
<http://hdl.handle.net/2268/167476>  
 Peer reviewed ✓  
 ORBi viewed: **1069** (8 ULiège) ; downloaded: **1045** (5 ULiège) — SCOPUS®: **23** (20 self citations excluded)
-  Attia, S., Mlecnik, E., & Van Loon, S. (2011). Net zero energy building: a review of current definitions and definition development in Belgium. *Proceedings of Passive House 2011*. Brussels, Belgium.  
<http://hdl.handle.net/2268/167481>  
 Peer reviewed ✓  
 ORBi viewed: **132** (5 ULiège) ; downloaded: **182** (3 ULiège) — SCOPUS®: -
- Attia, S., & De Herde, A. (2011). Design Decision Tool for Zero Energy Buildings, Passive and Low Energy Architecture. *Proceedings of Passive and Low Energy Architecture (PLEA) 2011*. Louvain La Neuve, Belgium: PLEA.  
<http://hdl.handle.net/2268/167552>  
 Peer reviewed ✓  
 ORBi viewed: **64** (3 ULiège) — SCOPUS®: -
-  Attia, S., & Duchhart, I. (2011). Bioclimatic landscape design in extremely hot and arid climates. *Proceedings of 27th Conference of Passive and Low Energy Architecture (PLEA) 2011*. Louvain La Neuve, Belgium: PLEA.  
<http://hdl.handle.net/2268/167560>  
 Peer reviewed ✓  
 ORBi viewed: **235** (4 ULiège) ; downloaded: **2937** (3 ULiège) — SCOPUS®: **3** (3 self citations excluded)
-  Attia, S., & De Herde, A. (2011). Defining Zero Energy Buildings from a Cradle to Cradle Approach. *Conference proceedings of Passive and Low Energy Architecture (PLEA) 2011*. Louvain La Neuve, Belgium: PLEA.  
<http://hdl.handle.net/2268/167547>  
 Peer reviewed ✓  
 ORBi viewed: **78** (2 ULiège) ; downloaded: **134** (2 ULiège) — SCOPUS®: **4** (3 self citations excluded)
- Weytjens, L., Attia, S., Verbeeck, G., & De Herde, A. (2010). A comparative study of the 'architect-friendliness' of six building performance simulation tools. *Proceedings of Sustainable Buildings CIB 2010*. maastricht, Netherlands: euroregional sb10.  
<http://hdl.handle.net/2268/167565>  
 Peer reviewed ✓  
 ORBi viewed: **26** (5 ULiège) — SCOPUS®: -
-  Athienitis, A., & Attia, S. (2010). Strategic Design, Optimization, and Modelling Issues of Net-Zero Energy Solar Buildings. *Proceedings of EuroSun 2010*. Graz, Austria: Eurosun.  
<http://hdl.handle.net/2268/167569>  
 Peer reviewed ✓  
 ORBi viewed: **142** (1 ULiège) ; downloaded: **1219** (4 ULiège) — SCOPUS®: -
- Attia, S., & De Herde, A. (2010). Strategic Decision Making For Zero Energy Buildings in Hot Climates. *Proceedings of EuroSun 2010*. Graz, Austria.  
<http://hdl.handle.net/2268/167567>  
 Peer reviewed ✓  
 ORBi viewed: **112** (3 ULiège) — SCOPUS®: -

-  Attia, S. (2010). Active solar retrofit of a residential house, a case study in Egypt. *Proceedings of the National Solar Conference 2010*. Buffalo, USA: American Solar Energy Society.  
<http://hdl.handle.net/2268/168227>  
Peer reviewed ✓  
ORBi viewed: **154** (3 ULiège) ; downloaded: **587** (1 ULiège) — SCOPUS®: -
-  Attia, S., & De Herde, A. (2010). Sizing Photovoltaic Systems during Early Design A Decision Tool for Architects. *Conference proceedings of American Solar Energy Society - 2010*. Arizona, USA.  
<http://hdl.handle.net/2268/167573>  
Peer reviewed ✓  
ORBi viewed: **38** (1 ULiège) ; downloaded: **271** — SCOPUS®: -
-  Attia, S. (2010). Zero Energy Retrofit Case Study of a Chalet in Ain-Sukhna, EGYPT. *Conference proceedings of American Solar Energy Society - 2010*. Arizona, USA.  
<http://hdl.handle.net/2268/167576>  
Peer reviewed ✓  
ORBi viewed: **93** (1 ULiège) ; downloaded: **462** (3 ULiège) — SCOPUS®: -
- Attia, S., & De Herde, A. (2010). Aiming Zero Impact Buildings: Mondo Solar-2002, A case study in Belgium. *Sustainable Buildings CIB 2010*. Maastricht, The Netherlands: EuregionalSB10.  
<http://hdl.handle.net/2268/167563>  
Peer reviewed ✓  
ORBi viewed: **32** (8 ULiège) — SCOPUS®: -
- Attia, S., & De Herde, A. (2010). Towards a Definition for Zero Impact Buildings. *Sustainable Buildings CIB 2010*. Maastricht, Netherlands: CIB.  
<http://hdl.handle.net/2268/167561>  
Peer reviewed ✓  
ORBi viewed: **150** (1 ULiège) — SCOPUS®: -
- Attia, S., & De Herde, A. (2009). Bioclimatic Architecture Design Strategies in Egypt. *Proceedings of 8th International Conference on Sustainable Energy Technologies*. Aachen, Germany.  
<http://hdl.handle.net/2268/167577>  
Peer reviewed ✓  
ORBi viewed: **434** (6 ULiège) — SCOPUS®: -
- Attia, S. (2009). Bioclimatic landscape design strategy: Bioclimatic-zone Concept for site planning in arid climates. *Proceedings of the 3rd CIB International Conference on Smart and Sustainable Built Environment*. Delft, Netherlands: SASBE- TUD.  
<http://hdl.handle.net/2268/167599>  
Peer reviewed ✓  
ORBi viewed: **299** (7 ULiège) — SCOPUS®: -
-  Attia, S., Beltrán, L., De Herde, A., & Hensen, J. (2009). "ARCHITECT FRIENDLY": A COMPARISON OF TEN DIFFERENT BUILDING PERFORMANCE SIMULATION TOOLS. *Proceedings of 11th International Building Performance Simulation Association Conference and Exhibition*. Glasgow, United Kingdom: International Building Performance Simulation Association (IBPSA).  
<http://hdl.handle.net/2268/167578>  
Peer reviewed ✓  
ORBi viewed: **459** (8 ULiège) ; downloaded: **708** (4 ULiège) — SCOPUS®: -
-  Attia, S., & De Herde, A. (2009). Designing the Malqaf for summer cooling in low-rise housing an experimental study. *Proceedings of Passive and Low Energy Architecture (PLEA) 2009*. Quebec, Canada: Les Presses de l'Université Laval.  
<http://hdl.handle.net/2268/167581>  
Peer reviewed ✓  
ORBi viewed: **176** (9 ULiège) ; downloaded: **158** (1 ULiège) — SCOPUS®: **2** (2 self citations excluded)
-  Attia, S., & De Herde, A. (2009). Impact and potential of community scale low-energy retrofit: case study in Cairo. *Proceedings of the 3rd CIB International Conference on Smart and Sustainable Built Environment*. Delft, Netherlands: TU Delft.  
<http://hdl.handle.net/2268/167596>  
Peer reviewed ✓  
ORBi viewed: **126** (7 ULiège) ; downloaded: **46** (2 ULiège) — SCOPUS®: -

Attia, S., & Mahmoud, A. (2009). Green Roofs in Cairo: A Holistic Approach for Healthy Productive Cities. *Proceedings of 7th Annual Greening Rooftops for Sustainable Communities*. Atlanta, USA: Greenroofs for healthy cities.

<http://hdl.handle.net/2268/167604>

Peer reviewed ✓

ORBi viewed: **340** (4 ULiège) — SCOPUS®: -



Attia, S. (2006). The role of landscape design in improving the microclimate in traditional courtyard buildings in hot arid climates. *Proceedings of 23rd International Conference on Passive and Low Energy Architecture - PLEA 2006* (pp. 22-24). Genève, Switzerland: PLEA - Université de Genève - groupe énergie.

<http://hdl.handle.net/2268/167609>

Peer reviewed ✓

ORBi viewed: **423** (5 ULiège) ; downloaded: **515** (3 ULiège) — SCOPUS®: **5** (4 self citations excluded)

### Without peer reviewing



Attia, S., Favoino, F., Loonen, R., Petrovski, A., & Monge-Barrio, A. (2015). Adaptive Façades System Assessment: An initial review. *Advanced Building Skins* (pp. 1265-1273). Munich, Germany: 978-3-98120538-1.

<http://hdl.handle.net/2268/187576>

ORBi viewed: **503** (12 ULiège) ; downloaded: **1017** (9 ULiège) — SCOPUS®: -

## 11. Reports

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### 11.a. Research reports

#### External

Attia, S., Eleftheriou, P., Xenii, F., Morlot, R., Ménézo, C., Kostopoulos, V., Betsi, M., Kalaitzoglou, I., Pagliano, L., Almeida, M., Ferreira, M., Baracu, T., Badescu, V., Crutescu, R., & Hidalgo-Betanzos, J. M. (2016). *Overview of challenges of residential nearly Zero Energy Buildings (nZEB) in Southern Europe* (1, 1st). Liege, Belgium: SBD Lab.

<http://hdl.handle.net/2268/202600>

ORBi viewed: **200** (13 ULiège)



Altomonte, S., & Attia, S. (2010). *EDUCATE State of the Art Professional Practice*. Nottingham, UK: Nottingham University.

<http://hdl.handle.net/2268/168228>

ORBi viewed: **30** (1 ULiège) ; downloaded: **31** — SCOPUS®: -



Altomonte, S., Attia, S., Herde, A., & Darteville, O. (2010). *EDUCATE State of the Art Academic Curricula and Conditions for Registration*. Nottingham, UK: Nottingham University.

<http://hdl.handle.net/2268/168229>

ORBi viewed: **39** (1 ULiège) ; downloaded: **417** — SCOPUS®: -

#### Internal



Attia, S., Bilir, S., & Safy, T. (2018). *Adaptive Facades Performance Assessment, interviews with facade experts*. Liege, Belgium: SBD Lab.

<http://hdl.handle.net/2268/213736>

ORBi viewed: **45** (7 ULiège) ; downloaded: **33** (2 ULiège)



Amer, M., & Attia, S. (2017). *ROOF STACKING: Learned Lessons from Architects* (1). Liege, Belgium: SBD Lab.

<http://hdl.handle.net/2268/210472>

ORBi viewed: **69** (28 ULiège) ; downloaded: **19** (8 ULiège)



Ana Mureșan, A., & Attia, S. (2015). *Literature Review Analysis on Energy Performance and Sustainable Buildings in Romania*. Liege, Belgium: Sustainable Buildings Design Lab.

<http://hdl.handle.net/2268/180913>




ORBi viewed: **65** (5 ULiège) ; downloaded: **1634** (3 ULiège) — SCOPUS®: -



Attia, S. (Ed.), & Ana Muresan, A. (Trans.). (2015). *Romanian Standards for Energy Performance in Buildings Translation of the Romanian Standards for Energy Performance in Buildings* (1, 1st). Liege, Belgium: Sustainable Buildings Design Lab.

<http://hdl.handle.net/2268/179478>

ORBi viewed: **116** (13 ULiège) ; downloaded: **349** (4 ULiège) — SCOPUS®: -

-  Attia, S. (2012). *Computational Optimisation for Zero Energy Building Design, Interviews with Twenty Eight International Experts*. Louvain La Neuve, Belgium: Architecture et climat.  
<http://hdl.handle.net/2268/168345>  
ORBi viewed: **116** (7 ULiège) ; downloaded: **91** (6 ULiège) — SCOPUS®: -
-  Attia, S. (2011). *State of the Art of Existing Early Design Simulation Tools for Net Zero Energy Buildings: A Comparison of Ten Tools*. Louvain La Neuve, Belgium: Architecture et climat.  
<http://hdl.handle.net/2268/168349>  
ORBi viewed: **555** (6 ULiège) ; downloaded: **478** (5 ULiège) — SCOPUS®: -
-  Attia, S. (2010). *Building Performance Simulation Tools: Selection Criteria and User Survey*. Louvain La Neuve, Belgium: Architecture et climat.  
<http://hdl.handle.net/2268/168350>  
ORBi viewed: **286** (2 ULiège) ; downloaded: **251** (3 ULiège) — SCOPUS®: -



## 11.b. Expert reports

- Attia, S., & Bashandy, H. (2015). *Evaluation of Adaptive Facades, AGC Building a case study of an automated glass facade: Interviews and Process Mapping with the Design Team* (1). Liege, Belgium: SBD Lab.  
<http://hdl.handle.net/2268/196359>  
ORBi viewed: **82** (7 ULiège) — SCOPUS®: -
- Mlecnik, & Attia, S. (2011). *NZEB Definitions: current market status and certification in Belgium*.  
<http://hdl.handle.net/2268/168347>  
ORBi viewed: **59** (1 ULiège) — SCOPUS®: -

## 14. Diverse speeches and writings

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### 14.a. Articles for general public or popularization articles

-  Attia, S. (2014, August 20). Green Roof Potential in Arab Cities. *EcoMENA*.  
<http://hdl.handle.net/2268/176770>  
ORBi viewed: **98** (4 ULiège) ; downloaded: **276** (1 ULiège) — SCOPUS®: -
-  Attia, S. (2008, February 18). Going green: Aggies could be more eco-conscious (opinion). *The Battalion*.  
<http://hdl.handle.net/2268/168226>  
ORBi viewed: **35** ; downloaded: **12** — SCOPUS®: -

### 14.b. Conferences given outside the academic context

-  Attia, S., & Zawaydeh, S. (2014). *Strategic Decision Making For Zero Energy Buildings in Jordan*. Paper presented at Jordanian Architects Society Seminar, Amman, Jordan.  
<http://hdl.handle.net/2268/202060>  
ORBi viewed: **17** (2 ULiège) ; downloaded: **79** — SCOPUS®: -

### 14.d Others

-  Attia, S. (2016). *Bâtiment Vert et Zéro Energie au Qatar*. Doha, Qatar.  
<http://hdl.handle.net/2268/203646>  
ORBi viewed: **33** (3 ULiège) ; downloaded: **8** — SCOPUS®: -
-  Attia, S., & Wierina, H. (2005). Islamic design in the Western world and Western design in Islamic world. *Research paper submitted to Design Theory Course, Wageningen University, 2005*. Unpublished.  
<http://hdl.handle.net/2268/168129>  
ORBi viewed: **79** (4 ULiège) ; downloaded: **4483** (1 ULiège) — SCOPUS®: -
- Attia, S., & Zakareya, M. (2003). *Old Cairo Development Project*. Unpublished.  
<http://hdl.handle.net/2268/168127>  
ORBi viewed: **24** (1 ULiège) — SCOPUS®: -

***Metrics synthesis for this report***

<i>Number of references:</i> <b>112</b>		<b><u>SCOPUS®</u></b>
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