

**A computational workflow for generating a voxel-based design approach based on subtractive shading envelopes and attribute information of point cloud data**

Alkadri, Miktha Farid; **De Luca, Francesco**; Turrin, Michel; Sariyildiz, Sevil Remote sensing 2020 / art. 2561 ; 28 p. : ill  
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**An integrated approach to subtractive solar envelopes based on attribute information from point cloud data**

Alkadri, Miktha Farid; **De Luca, Francesco**; Turrin, Michel; Sariyildiz, Sevil Renewable and sustainable energy reviews 2020 / art. 109742, 19 p. : ill <https://doi.org/10.1016/j.rser.2020.109742> <http://resolver.tudelft.nl/uuid:be100809-acfd-4489-8e26-7a35731d514b> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Making use of point cloud for generating subtractive solar envelopes**

Alkadri, Miktha Farid; **De Luca, Francesco**; Turrin, Michel; Sariyildiz, Sevil eCAADe SIGraDi 2019 - Architecture in the Age of the 4th Industrial Revolution. Vol. 1 2019 / p. 633-640 : ill [http://papers.cumincad.org/data/works/att/ecaadesigradi2019\\_061.pdf](http://papers.cumincad.org/data/works/att/ecaadesigradi2019_061.pdf)  
[https://doi.org/10.5151/proceedings-ecaadesigradi2019\\_061](https://doi.org/10.5151/proceedings-ecaadesigradi2019_061) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Understanding computational methods for solar envelopes based on design parameters, tools, and case studies : a review**

Alkadri, Miktha Farid; **De Luca, Francesco**; Turrin, Michel; Sariyildiz, Sevil Energies 2020 / art. 3302, 25 p. : ill  
<https://doi.org/10.3390/en13133302> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)