Benoit Beckers

List of Publications by Citations

30 papers	137 citations	5 h-index	10 g-index
31 ext. papers	163 ext. citations	3.8 avg, IF	3.37 L-index

#	Paper	IF	Citations
30	A general rule for disk and hemisphere partition into equal-area cells. *Computational Geometry: Theory and Applications*, **2012**, 45, 275-283	0.4	37
29	Urban layout optimization framework to maximize direct solar irradiation. *Computers, Environment and Urban Systems*, **2015**, 51, 1-12	5.9	20
28	ASSESSING THE COOLING EFFECT OF URBAN TEXTILE SHADING DEVICES THROUGH TIME-LAPSE THERMOGRAPHY. *Sustainable Cities and Society*, **2020**, 63, 102458	10.1	12
27	The universal projection for computing data carried on the hemisphere. *CAD Computer Aided Design*, **2011**, 43, 219-226	2.9	9
26	Benefits of street sun sails to limit building cooling needs in a mediterranean city. *Building and Environment*, **2021**, 187, 107403	6.5	8
25	A fast daylighting method to optimize opening configurations in building design. *Energy and Buildings*, **2016**, 125, 205-218	7	5
24	**2014**,		5
23	Improving the daylighting performance of residential light wells by reflecting and redirecting approaches. *Solar Energy*, **2020**, 207, 1434-1444	6.8	5
22	Visual metering of the urban radiative environment through 4□magery. *Infrared Physics and Technology*, **2020**, 110, 103463	2.7	4
21	Importance-driven approach for reducing urban radiative exchange computations. *Building Simulation*, **2019**, 12, 231-246	3.9	4
20	Physically Based Simulation and Rendering of Urban Thermography. *Computer Graphics Forum*, **2020**, 39, 377-391	2.4	3
19	Multiscale Daylight Modeling for Urban Environments159-190		3
18	A 66 line heat transfer finite element code to highlight the dual approach. *Computers and Mathematics With Applications*, **2015**, 70, 2401-2413	2.7	2
17	Radiative Simulation Methods **2013**, 205-236		2
16	Visualizing the Infrared Response of an Urban Canyon Throughout a Sunny Day. *Innovative Renewable Energy*, **2019**, 277-284	0.3	2
15	Pixel-by-pixel rectification of urban perspective thermography. *Remote Sensing of Environment*, **2021**, 266, 112689	13.2	2
14	**2013**,		2

LIST OF PUBLICATIONS