

# Niraj Kunwar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5432621/publications.pdf>

Version: 2024-02-01

8  
papers

192  
citations

1306789

7  
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1719596

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g-index

9  
all docs

9  
docs citations

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times ranked

135  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development and validation of an HVAC on/off controller in EnergyPlus for energy simulation of residential and small commercial buildings. <i>Energy and Buildings</i> , 2019, 183, 467-483.	3.1	63
2	Energy savings and daylighting evaluation of dynamic venetian blinds and lighting through full-scale experimental testing. <i>Energy</i> , 2020, 197, 117190.	4.5	40
3	Full-scale experimental testing of integrated dynamically-operated roller shades and lighting in perimeter office spaces. <i>Solar Energy</i> , 2019, 186, 17-28.	2.9	26
4	A critical review of fenestration/window system design methods for high performance buildings. <i>Energy and Buildings</i> , 2021, 248, 111184.	3.1	21
5	Calibration of energy simulation using optimization for buildings with dynamic shading systems. <i>Energy and Buildings</i> , 2021, 236, 110787.	3.1	16
6	A Comprehensive Analysis of Energy and Daylighting Impact of Window Shading Systems and Control Strategies on Commercial Buildings in the United States. <i>Energies</i> , 2020, 13, 2401.	1.6	13
7	Dynamic Shading in Buildings: a Review of Testing Methods and Recent Research Findings. <i>Current Sustainable/Renewable Energy Reports</i> , 2018, 5, 93-100.	1.2	12
8	Daylighting and Visual Comfort Performance of Integrated Dynamic Roller Shades and Lighting Controls. , 2019, , .		1