

# Christian Sol

## List of Publications by Year in descending order

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7  
papers

166  
citations

1478505

6  
h-index

1872680

6  
g-index

7  
all docs

7  
docs citations

7  
times ranked

230  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization of the thermochromic glazing design for curtain wall buildings based on experimental measurements and dynamic simulation. <i>Solar Energy</i> , 2021, 216, 14-25.	6.1	23
2	High-Performance Planar Thin Film Thermochromic Window via Dynamic Optical Impedance Matching. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 8140-8145. <a href="https://doi.org/10.1021/acsami.3c01998">https://doi.org/10.1021/acsami.3c01998</a>	8.0	22
3	Thermochromic $\text{VO}_2$ nanocomposite smart window coatings with narrow phase transition hysteresis and transition gradient width. <i>Solar Energy Materials and Solar Cells</i> , 2019, 200, 109944.	6.2	40
4	Origin of Performance Enhancement in $\text{TiO}_2$ -Carbon Nanotube Composite Perovskite Solar Cells. <i>Small Methods</i> , 2019, 3, 1900164.	8.6	45
5	Improved thermochromic properties in bilayer films of $\text{VO}_2$ with $\text{ZnO}$ , $\text{SnO}_2$ and $\text{WO}_3$ coatings for energy efficient glazing. <i>Journal of Materials Chemistry C</i> , 2018, 6, 12555-12565.	5.5	22
6	Mitigation of hysteresis due to a pseudo-photochromic effect in thermochromic smart window coatings. <i>Scientific Reports</i> , 2018, 8, 13249.	3.3	11
7	A combined experimental and theoretical study into the performance of multilayer vanadium dioxide nanocomposites for energy saving applications. , 2018, , .		3