

# Pierre Ineichen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8793779/publications.pdf>

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19  
papers

3,907  
citations

430442

18  
h-index

794141

19  
g-index

19  
all docs

19  
docs citations

19  
times ranked

2416  
citing authors

#	ARTICLE	IF	CITATIONS
1	High Turbidity Solis Clear Sky Model: Development and Validation. Remote Sensing, 2018, 10, 435.	1.8	19
2	Validation of models that estimate the clear sky global and beam solar irradiance. Solar Energy, 2016, 132, 332-344.	2.9	78
3	Long Term Satellite Global, Beam and Diffuse Irradiance Validation. Energy Procedia, 2014, 48, 1586-1596.	1.8	52
4	Satellite Application Facilities irradiance products: hourly time step comparison and validation over Europe. International Journal of Remote Sensing, 2009, 30, 5549-5571.	1.3	61
5	Comparison and validation of three global-to-beam irradiance models against ground measurements. Solar Energy, 2008, 82, 501-512.	2.9	39
6	A broadband simplified version of the Solis clear sky model. Solar Energy, 2008, 82, 758-762.	2.9	198
7	Conversion function between the Linke turbidity and the atmospheric water vapor and aerosol content. Solar Energy, 2008, 82, 1095-1097.	2.9	51
8	Comparison of eight clear sky broadband models against 16 independent data banks. Solar Energy, 2006, 80, 468-478.	2.9	181
9	Producing satellite-derived irradiances in complex arid terrain. Solar Energy, 2004, 77, 367-371.	2.9	54
10	A new airmass independent formulation for the Linke turbidity coefficient. Solar Energy, 2002, 73, 151-157.	2.9	433
11	A new operational model for satellite-derived irradiances: description and validation. Solar Energy, 2002, 73, 307-317.	2.9	499
12	Impact of Pinatubo aerosols on the seasonal trends of global, direct and diffuse irradiance in two northern mid-latitude sites. Solar Energy, 1996, 58, 91-101.	2.9	18
13	Sky luminance data validation: Comparison of seven models with four data banks. Solar Energy, 1994, 52, 337-346.	2.9	32
14	Geostatistical properties and modeling of random cloud patterns for real skies. Solar Energy, 1993, 51, 7-18.	2.9	19
15	Modeling daylight availability and irradiance components from direct and global irradiance. Solar Energy, 1990, 44, 271-289.	2.9	1,370
16	Climatic evaluation of models that predict hourly direct irradiance from hourly global irradiance: Prospects for performance improvements. Solar Energy, 1990, 44, 99-108.	2.9	78
17	Ground-reflected radiation and albedo. Solar Energy, 1990, 44, 207-214.	2.9	74
18	The importance of correct albedo determination for adequately modeling energy received by tilted surfaces. Solar Energy, 1987, 39, 301-305.	2.9	50

#	ARTICLE	IF	CITATIONS
19	A new simplified version of the perez diffuse irradiance model for tilted surfaces. Solar Energy, 1987, 39, 221-231.	2.9	601