

# Fabian Wolfertstetter

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

595  
citations

1040056

9  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

473  
citing authors

#	ARTICLE	IF	CITATIONS
1	Techno-Economic Assessment of Soiling Losses and Mitigation Strategies for Solar Power Generation. <i>Joule</i> , 2019, 3, 2303-2321.	24.0	207
2	Progress in heliostat development. <i>Solar Energy</i> , 2017, 152, 3-37.	6.1	115
3	Investigation of Soiling Effect on Different Solar Mirror Materials under Moroccan Climate. <i>Energy Procedia</i> , 2015, 69, 1948-1957.	1.8	55
4	Monitoring of Mirror and Sensor Soiling with TraCS for Improved Quality of Ground based Irradiance Measurements. <i>Energy Procedia</i> , 2014, 49, 2422-2432.	1.8	52
5	Equipment and methods for measuring reflectance of concentrating solar reflector materials. <i>Solar Energy Materials and Solar Cells</i> , 2017, 167, 28-52.	6.2	45
6	Comparative modeling of optical soiling losses for CSP and PV energy systems. <i>Solar Energy</i> , 2020, 197, 229-237.	6.1	33
7	The enerMENA meteorological network – Solar radiation measurements in the MENA region. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	30
8	Integration of Soiling-Rate Measurements and Cleaning Strategies in Yield Analysis of Parabolic Trough Plants. <i>Journal of Solar Energy Engineering, Transactions of the ASME</i> , 2018, 140, .	1.8	22
9	Modelling the soiling rate: Dependencies on meteorological parameters. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	10
10	Optimization of cleaning strategies based on ANN algorithms assessing the benefit of soiling rate forecasts. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	9
11	Incidence angle and diffuse radiation adaptation of soiling ratio measurements of indirect optical soiling sensors. <i>Journal of Renewable and Sustainable Energy</i> , 2021, 13, .	2.0	7
12	Airborne soiling measurements of entire solar fields with Qfly. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	7
13	T-TraCS – An automated method to measure soiling losses at parabolic trough receiver tubes. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	2
14	Parallel soiling measurements for 4 mirror samples during outdoor exposure with TraCS. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	1