

# Arjen Meijer

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1116229/publications.pdf>

Version: 2024-02-01

21  
papers

798  
citations

566801

15  
h-index

794141

19  
g-index

22  
all docs

22  
docs citations

22  
times ranked

859  
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrating Human Indoor Air Pollutant Exposure within Life Cycle Impact Assessment. <i>Environmental Science &amp; Technology</i> , 2009, 43, 1670-1679.	4.6	116
2	Performance gaps in energy consumption: household groups and building characteristics. <i>Building Research and Information</i> , 2018, 46, 54-70.	2.0	97
3	Environmental impact of building-related and user-related energy consumption in dwellings. <i>Building and Environment</i> , 2011, 46, 1657-1669.	3.0	73
4	Life-cycle assessment of photovoltaic modules: Comparison of mc-Si, InGaP and InGaP/mc-Si solar modules. <i>Progress in Photovoltaics: Research and Applications</i> , 2003, 11, 275-287.	4.4	72
5	LCA-based environmental assessment of the use and maintenance of heating and ventilation systems in Dutch dwellings. <i>Building and Environment</i> , 2010, 45, 2362-2372.	3.0	70
6	A Circular Economy Life Cycle Assessment (CE-LCA) model for building components. <i>Resources, Conservation and Recycling</i> , 2021, 174, 105683.	5.3	62
7	Indoor Air Pollutant Exposure for Life Cycle Assessment: Regional Health Impact Factors for Households. <i>Environmental Science &amp; Technology</i> , 2015, 49, 12823-12831.	4.6	52
8	Environmental impact of thin-film GaInP/GaAs and multicrystalline silicon solar modules produced with solar electricity. <i>International Journal of Life Cycle Assessment</i> , 2009, 14, 225-235.	2.2	42
9	Life cycle assessment of thin-film GaAs and GaInP/GaAs solar modules. <i>Progress in Photovoltaics: Research and Applications</i> , 2007, 15, 163-179.	4.4	39
10	Environmental life cycle assessment of roof-integrated flexible amorphous silicon/nanocrystalline silicon solar cell laminate. <i>Progress in Photovoltaics: Research and Applications</i> , 2013, 21, 802-815.	4.4	36
11	Environmental impact of dwellings in use: Maintenance of facade components. <i>Building and Environment</i> , 2010, 45, 2526-2538.	3.0	34
12	Human Health Damages due to Indoor Sources of Organic Compounds and Radioactivity in Life Cycle Impact Assessment of Dwellings - Part 1: Characterisation Factors (8 pp). <i>International Journal of Life Cycle Assessment</i> , 2005, 10, 309-316.	2.2	32
13	Human Health Damages due to Indoor Sources of Organic Compounds and Radioactivity in Life Cycle Impact Assessment of Dwellings - Part 2: Damage Scores (10 pp). <i>International Journal of Life Cycle Assessment</i> , 2005, 10, 383-392.	2.2	25
14	LCA comparison of roofing materials for flat roofs. <i>Smart and Sustainable Built Environment</i> , 2015, 4, 97-109.	2.2	18
15	Environmental design guidelines for circular building components based on LCA and MFA: Lessons from the circular kitchen and renovation facade. <i>Journal of Cleaner Production</i> , 2022, 357, 131375.	4.6	16
16	The energy performance of dwellings of Dutch non-profit housing associations: Modelling actual energy consumption. <i>Energy and Buildings</i> , 2021, 253, 111486.	3.1	8
17	The energy performance of dwellings of non-profit housing associations in the Netherlands 2017 - 2018. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 329, 012035.	0.2	2
18	Monitoring energy performance improvement: insights from Dutch housing association dwellings. <i>Buildings and Cities</i> , 2021, 2, 779-796.	1.1	2

#	ARTICLE	IF	CITATIONS
19	Integration of Energy and Material Performance of Buildings: I=E+M. Energy Procedia, 2016, 96, 517-528.	1.8	1
20	Benchmarking energy performance: indicators and models for Dutch housing associations. Buildings and Cities, 2022, 3, 417-432.	1.1	0
21	The energy performance of dwellings with heat pumps of Dutch non-profit housing associations. Building Research and Information, 0, , 1-11.	2.0	0