

Paul Berdahl

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7364185/publications.pdf>

Version: 2024-02-01

10
papers

1,507
citations

933447

10
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

1251
citing authors

#	ARTICLE	IF	CITATIONS
1	Solar spectral optical properties of pigmentsâ€™Part II: survey of common colorants. Solar Energy Materials and Solar Cells, 2005, 89, 351-389.	6.2	314
2	Solar spectral optical properties of pigmentsâ€™Part I: model for deriving scattering and absorption coefficients from transmittance and reflectance measurements. Solar Energy Materials and Solar Cells, 2005, 89, 319-349.	6.2	278
3	Methods of creating solar-reflective nonwhite surfaces and their application to residential roofing materials. Solar Energy Materials and Solar Cells, 2007, 91, 304-314.	6.2	257
4	Preliminary survey of the solar reflectance of cool roofing materials. Energy and Buildings, 1997, 25, 149-158.	6.7	223
5	Measuring solar reflectanceâ€™Part I: Defining a metric that accurately predicts solar heat gain. Solar Energy, 2010, 84, 1717-1744.	6.1	191
6	Measuring solar reflectanceâ€™Part II: Review of practical methods. Solar Energy, 2010, 84, 1745-1759.	6.1	84
7	Fluorescent cooling of objects exposed to sunlight â€™ The ruby example. Solar Energy Materials and Solar Cells, 2016, 157, 312-317.	6.2	58
8	Methods and instrumentation to measure the effective solar reflectance of fluorescent cool surfaces. Energy and Buildings, 2017, 152, 752-765.	6.7	39
9	High quantum yield of the Egyptian blue family of infrared phosphors (MCuSi4O10, M = Ca, Sr, Ba). Journal of Applied Physics, 2018, 123, .	2.5	39
10	Design, characterization, and fabrication of solar-retroreflective cool-wall materials. Solar Energy Materials and Solar Cells, 2020, 206, 110117.	6.2	24