

Jeffery Roesler

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/571557/publications.pdf>

Version: 2024-02-01

13
papers

190
citations

1307594

7
h-index

1199594

12
g-index

18
all docs

18
docs citations

18
times ranked

208
citing authors

#	ARTICLE	IF	CITATIONS
1	Aging albedo model for asphalt pavement surfaces. Journal of Cleaner Production, 2016, 117, 169-175.	9.3	59
2	Cool Pavement Strategies for Urban Heat Island Mitigation in Suburban Phoenix, Arizona. Sustainability, 2019, 11, 4452.	3.2	39
3	Thermal and optical characterization of asphalt field cores for microscale urban heat island analysis. Construction and Building Materials, 2019, 217, 600-611.	7.2	19
4	Optimal Staging Area Locations and Material Recycling Strategies for Sustainable Highway Reconstruction. Computer-Aided Civil and Infrastructure Engineering, 2014, 29, 559-571.	9.8	16
5	Effects of Temperature Curling on Airfield Rigid Pavement Responses. Road Materials and Pavement Design, 2005, 6, 311-337.	4.0	12
6	Contextual heat island assessment for pavement preservation. International Journal of Pavement Engineering, 2018, 19, 865-873.	4.4	10
7	Reflective Parking Lots for Microscale Urban Heat Island Mitigation. Transportation Research Record, 2020, 2674, 663-671.	1.9	10
8	Fracture-Based Method to Determine Flexural Capacity of Concrete Beams on Soil. Road Materials and Pavement Design, 2010, 11, 361-385.	4.0	6
9	Interfacial Transition Zone of Cement Composites with Recycled Concrete Aggregate of Different Moisture States. Advances in Civil Engineering Materials, 2018, 7, 87-102.	0.6	4
10	Albedo Estimation of Finite-Sized Concrete Specimens. Journal of Testing and Evaluation, 2019, 47, 738-757.	0.7	4
11	Albedo Change Mechanism of Asphalt Concrete Surfaces. Transportation Research Record, 2022, 2676, 763-772.	1.9	3
12	Early Age Monitoring of High Cement Replacement Mixtures for Pavement. Transportation Research Record, 2023, 2677, 1646-1657.	1.9	2
13	Hydration and Air Entrainment Challenges of High-Volume Fly Ash Concrete Pavement. , 0, , .		0