

Sushobhan Sen

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

230
citations

1040056

9
h-index

1058476

14
g-index

17
all docs

17
docs citations

17
times ranked

207
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	Use phase assessment of photocatalytic cool pavements. Journal of Cleaner Production, 2018, 190, 722-728.	9.3	28
4	Limited application of reflective surfaces can mitigate urban heat pollution. Nature Communications, 2021, 12, 3491.	12.8	23
5	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
6	Microscale Heat Island Characterization of Rigid Pavements. Transportation Research Record, 2017, 2639, 73-83.	1.9	14
7	Wind direction and cool surface strategies on microscale urban heat island. Urban Climate, 2020, 31, 100548.	5.7	13
8	Contextual heat island assessment for pavement preservation. International Journal of Pavement Engineering, 2018, 19, 865-873.	4.4	10
9	Reflective Parking Lots for Microscale Urban Heat Island Mitigation. Transportation Research Record, 2020, 2674, 663-671.	1.9	10
10	Albedo Estimation of Finite-Sized Concrete Specimens. Journal of Testing and Evaluation, 2019, 47, 738-757.	0.7	4
11	Structural and Environmental Benefits of Concrete Inlays for Pavement Preservation. , 2015, , .		3
12	Albedo Change Mechanism of Asphalt Concrete Surfaces. Transportation Research Record, 2022, 2676, 763-772.	1.9	3
13	A self-contained element for modeling crack propagation in beams. Engineering Fracture Mechanics, 2021, 242, 107460.	4.3	2
14	Mechanistic-empirical model to predict transverse joint faulting of bonded concrete overlays of asphalt. Road Materials and Pavement Design, 2023, 24, 1173-1195.	4.0	2
15	Reconsidering the strength of concrete pavements. International Journal of Pavement Engineering, 2023, 24, .	4.4	1
16	Heat Island Impact of Chip Seals. , 2021, , .		0
17	Cool Pavements for Sustainable Urban Development. , 0, , .		0