

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	Reconsidering the strength of concrete pavements. International Journal of Pavement Engineering, 2023, 24, .	4.4	1
2	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
3	Albedo Change Mechanism of Asphalt Concrete Surfaces. Transportation Research Record, 2022, 2676, 763-772.	1.9	3
4	A self-contained element for modeling crack propagation in beams. Engineering Fracture Mechanics, 2021, 242, 107460.	4.3	2
5	Heat Island Impact of Chip Seals. , 2021, , .		0
6	Limited application of reflective surfaces can mitigate urban heat pollution. Nature Communications, 2021, 12, 3491.	12.8	23
7	Wind direction and cool surface strategies on microscale urban heat island. Urban Climate, 2020, 31, 100548.	5.7	13
8	Reflective Parking Lots for Microscale Urban Heat Island Mitigation. Transportation Research Record, 2020, 2674, 663-671.	1.9	10
9	Cool Pavement Strategies for Urban Heat Island Mitigation in Suburban Phoenix, Arizona. Sustainability, 2019, 11, 4452.	3.2	39
10	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
11	Albedo Estimation of Finite-Sized Concrete Specimens. Journal of Testing and Evaluation, 2019, 47, 738-757.	0.7	4
12	Use phase assessment of photocatalytic cool pavements. Journal of Cleaner Production, 2018, 190, 722-728.	9.3	28
13	Contextual heat island assessment for pavement preservation. International Journal of Pavement Engineering, 2018, 19, 865-873.	4.4	10
14	Microscale Heat Island Characterization of Rigid Pavements. Transportation Research Record, 2017, 2639, 73-83.	1.9	14
15	Aging albedo model for asphalt pavement surfaces. Journal of Cleaner Production, 2016, 117, 169-175.	9.3	59
16	Structural and Environmental Benefits of Concrete Inlays for Pavement Preservation. , 2015, , .		3
17	Cool Pavements for Sustainable Urban Development. , 0, , .		0