

Rakesh Kumar

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

430
citations

1040056

9
h-index

752698

20
g-index

29
all docs

29
docs citations

29
times ranked

396
citing authors

#	ARTICLE	IF	CITATIONS
1	Using copper slag and fly ash stabilised with lime or cement as a road base material. Proceedings of Institution of Civil Engineers: Construction Materials, 2022, 175, 198-212.	1.1	4
2	Suitability of EAF slag and GGBFS mix as cementitious base/subbase layer for low volume road construction. International Journal of Geotechnical Engineering, 2021, 15, 252-258.	2.0	13
3	Evaluation of the Cooling Potential of Earth Air Heat Exchanger Using Concrete Pipes. International Journal of Thermophysics, 2021, 42, 1.	2.1	4
4	A Study on the Application of Lightweight Deflectometer During the Construction of Low Volume Road in India. Lecture Notes in Civil Engineering, 2021, , 113-127.	0.4	1
5	Recarpeting using cement grouted bituminous mix in urban flexible pavement: a laboratory and field evaluation. Australian Journal of Civil Engineering, 2021, 19, 235-246.	1.6	4
6	Study to Assess the Behaviour of Cement Grouted Bituminous Mix Prepared Using Pozzolanic Grouting Material. Journal of the Institution of Engineers (India): Series A, 2021, 102, 591-601.	1.2	1
7	Laboratory Studies to Assess the Fatigue Behavior of Bituminous Concrete Mix. Sustainable Civil Infrastructures, 2019, , 124-134.	0.2	2
8	Commutersâ€™ Attitude Analysis of Feeder Public Transit Service: A Case Study. Iranian Journal of Science and Technology - Transactions of Civil Engineering, 2019, 43, 313-321.	1.9	0
9	Usage of Crushed EAF Slag in Granular Sub-base Layer Construction. Advances in Intelligent Systems and Computing, 2019, , 257-266.	0.6	3
10	Structural Evaluation of Flexible Pavement Using Non-destructive Techniques in Low Volume Road. Sustainable Civil Infrastructures, 2018, , 168-184.	0.2	3
11	Stiffness-Based Quality Control Evaluation of Modified Subgrade Soil Using Lightweight Deflectometer. Journal of Materials in Civil Engineering, 2017, 29, .	2.9	21
12	Influence of recycled coarse aggregate derived from construction and demolition waste (CDW) on abrasion resistance of pavement concrete. Construction and Building Materials, 2017, 142, 248-255.	7.2	63
13	Comparative study of flexible pavement layers moduli backcalculation using approximate and static approach. Materials Today: Proceedings, 2017, 4, 9812-9816.	1.8	4
14	Feeder mode choice analysis for public bus transit system: a case study. World Review of Intermodal Transportation Research, 2017, 6, 177.	0.4	0
15	Impact of para-transit travel time reliability on urban mobility: a case study. World Review of Intermodal Transportation Research, 2017, 6, 93.	0.4	1
16	PROPOSED INTEGRATED BICYCLE FEEDER MODE SERVICE ANALYSIS FOR BUS RAPID TRANSIT SYSTEM- A MULTINOMIAL LOGIT MODEL APPROACH. International Journal for Traffic and Transport Engineering, 2017, 7, 108-116.	0.4	1
17	Impact of Green Shading on Urban Bus Stop Structure. , 2016, , .		1
18	Comparative studies of lightweight deflectometer and Benkelman beam deflectometer in low volume roads. Journal of Traffic and Transportation Engineering (English Edition), 2016, 3, 438-447.	4.2	18

#	ARTICLE	IF	CITATIONS
19	Decision model for performance evaluation of flexible pavement. Journal of Evidence-Based Medicine, 2015, 5, 290.	1.8	0
20	Experience of public private partnership in highway infrastructure development: an exploratory study of PPP mature countries and scenario in India. International Journal of Procurement Management, 2015, 8, 608.	0.2	5
21	Optimisation of construction resources using lean construction technique. Journal of Evidence-Based Medicine, 2014, 4, 213.	1.8	4
22	Introduction of public bus transit in Indian cities. International Journal of Sustainable Built Environment, 2014, 3, 27-34.	3.2	23
23	Impact of Elderly Road Users Characteristics at Intersection. Procedia, Social and Behavioral Sciences, 2013, 104, 1088-1094.	0.5	7
24	A design optimization tool of earth-to-air heat exchanger using a genetic algorithm. Renewable Energy, 2008, 33, 2282-2288.	8.9	29
25	Impacts of Bus Rapid Transit Lanes on Traffic and Commuter Mobility. Journal of the Urban Planning and Development Division, ASCE, 2007, 133, 99-106.	1.7	21
26	Dynamic earth-contact building: A sustainable low-energy technology. Building and Environment, 2007, 42, 2450-2460.	6.9	42
27	Heating and cooling potential of an earth-to-air heat exchanger using artificial neural network. Renewable Energy, 2006, 31, 1139-1155.	8.9	69
28	Performance evaluation and energy conservation potential of earthâ€airâ€tunnel system coupled with non-air-conditioned building. Building and Environment, 2003, 38, 807-813.	6.9	85
29	Laboratory investigation of modified subgrade clay soil mix with steel slag and lime using static and dynamic test approach. International Journal of Geotechnical Engineering, 0, , 1-10.	2.0	1