Bhargab Maitra

List of Publications by Year
in descending order

57 papers	642 citations	623734 14 h-index	677142 22 g-index
60 all docs	60 docs citations	60 times ranked	391 citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of Priority Areas of Improvement for Small Passenger Car Segment in Indian Market. Vision, 2023, 27, 225-242.	2.4	8
2	Exploring Public Perception Toward Travel and COVID-19 Preventive Measures: Insights From the Early Stages of Lockdown in India. Transportation Research Record, 2023, 2677, 723-741.	1.9	1
3	Commuters' Willingness-to-Pay for the Attributes of Plug-in Hybrid Electric Vehicle: A Case Study in Kolkata, India. Transportation in Developing Economies, 2022, 8, 1.	1.6	2
4	Implementation Framework for Bus Queue Jump Lane in Urban Corridors with Heterogeneous Traffic Operations. Transportation in Developing Economies, 2022, 8, .	1.6	0
5	Traffic Micro-Simulation-Based Evaluation of Bus Priority With Queue Jump Lane on an Urban Corridor With Heterogeneous Traffic Operations. Transportation Research Record, 2022, 2676, 722-736.	1.9	1
6	Measures for improving pedestrian crossing facilities based on perceptions of urban commuters: An experience in Kolkata. Case Studies on Transport Policy, 2021, 9, 965-973.	2.5	6
7	Analyzing Prospective Owners' Choice Decision towards Plug-in Hybrid Electric Vehicles in Urban India: A Stated Preference Discrete Choice Experiment. Sustainability, 2021, 13, 7725.	3.2	6
8	Improving quality of ordinary bus service in Kolkata city: Integrating conflicting requirements of users and transit operator. Transport Policy, 2021, 111, 17-27.	6.6	5
9	Assessing consumer preferences for Plug-in Hybrid Electric Vehicle (PHEV): An Indian perspective. Research in Transportation Economics, 2021, 90, 101161.	4.1	6
10	A methodology for calibration of traffic micro-simulator for urban heterogeneous traffic operations. Journal of Traffic and Transportation Engineering (English Edition), 2020, 7, 507-519.	4.2	13
11	Analytical and microsimulation models for investigating vehicle class-specific gap acceptance behavior at urban intersections with nonlane-based traffic operations. Asian Transport Studies, 2020, 6, 100012.	1.4	2
12	Guidance for Design and Implementation of Queue Jump Lane with Presignal for a Heterogeneous Traffic Environment. Journal of Transportation Engineering Part A: Systems, 2020, 146, 04020111.	1.4	2
13	A relook at the pollution certification of in-use vehicles in India and a way forward. Asian Transport Studies, 2020, 6, 100020.	1.4	6
14	Implementation of Camera based Speed Management in India. Transportation Research Procedia, 2020, 48, 3223-3231.	1.5	1
15	Preference heterogeneity in trip makers' perception and policy Issues: A study with reference to bus services in Kolkata. Case Studies on Transport Policy, 2020, 8, 1504-1517.	2.5	4
16	Vulnerability Assessment of Urban Intersections apropos of Incident Impact on Road Network and Identification of Critical Intersections. Transportation Research Record, 2020, 2674, 672-686.	1.9	3
17	Calibration of Micro-Simulation Model Parameters for Heterogeneous Traffic using Mode-Specific Performance Measure. Transportation Research Record, 2020, 2674, 135-147.	1.9	13
18	Quantifying Factors Influencing Urban Bus Passenger Boarding and Alighting Dynamics in an Emerging Economy. Journal of Transportation Engineering Part A: Systems, 2020, 146, 04020040.	1.4	2

#	Article	IF	Citations
19	Two-stage choice-based demand model for rural feeder service to the bus stop. Transportmetrica A: Transport Science, 2019, 15, 573-585.	2.0	0
20	Improving Ridership and Reducing Subsidy for Premium Bus Service in Kolkata Metro City. Journal of Transportation Engineering Part A: Systems, 2019, 145, .	1.4	6
21	A proactive approach to assess safety level of urban bus stops. International Journal of Injury Control and Safety Promotion, 2019, 26, 260-270.	2.0	20
22	Implementation of Bus Priority with Queue Jump Lane and Pre-Signal at Urban Intersections with Mixed Traffic Operations: Lessons Learned?. Transportation Research Record, 2019, 2673, 646-657.	1.9	17
23	Identifying areas of interventions for improvement of shared modes for school trips. Transportation Research, Part A: Policy and Practice, 2019, 121, 122-135.	4.2	13
24	Temporal shift in willingness-to-pay for rural feeder service to bus stop. Travel Behaviour & Society, 2018, 12, 102-107.	5.0	2
25	New Approach for Calibrating Robertson's Platoon Dispersion Model. Journal of Transportation Engineering Part A: Systems, 2018, 144, .	1.4	8
26	Preference heterogeneity towards the importance of transfer facility attributes at metro stations in Kolkata. Travel Behaviour & Society, 2018, 12, 72-83.	5.0	15
27	Investigating perception of captive and choice riders for formulating service standards of ordinary and premium buses in Indian cities. Transport Policy, 2018, 72, 89-96.	6.6	10
28	Rationality of fare increment for improvement of transfer facilities at metro stations: An experience in Kolkata. Transport Policy, 2017, 58, 31-38.	6.6	8
29	Priority Areas of Intervention for Improving Urban Bus Services: Experience in Kolkata, India. Transportation Research Record, 2017, 2634, 17-27.	1.9	21
30	Effect of Development of Rural Roads and Feeder Service on Trip Characteristics of Households: A Case Study. Transportation in Developing Economies, 2017, 3, 1.	1.6	3
31	Is fare increment desirable for ensuring operational viability of private buses?. Transport Policy, 2017, 59, 134-141.	6.6	15
32	Development and Application of a Multi-Criteria Decision Making (MCDM) Tool for Solid Waste Management: Kolkata as a Case Study. , 2017, , 275-299.		3
33	An Approach for Prioritization of State Highways and Its Application. Transportation in Developing Economies, 2016, 2, 1.	1.6	9
34	Calibration of Robertson's Platoon Dispersion Model in Non-lane Based Mixed Traffic Operation. Transportation in Developing Economies, 2016, 2, 1.	1.6	12
35	Commuters' willingness-to-pay for improvement of transfer facilities in and around metro stations – A case study in Kolkata. Transportation Research, Part A: Policy and Practice, 2016, 92, 43-58.	4.2	27
36	Developing corridor choice model under hypothetical Variable Message Sign based traffic information. Journal of Transport Literature, 2015, 9, 5-9.	0.3	1

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37	Commutersâ€™ Perception towards Transfer Facility Attributes in and Around Metro Stations: Experience in Kolkata. Journal of the Urban Planning and Development Division, ASCE, 2015, 141, .	1.7	49
38	An approach for identifying optimal service for rural bus routes. Case Studies on Transport Policy, 2015, 3, 287-294.	2.5	14
39	Differences between the Perceptions of Captive and Choice Riders toward Bus Service Attributes and the Need for Segmentation of Bus Services in Urban India. Journal of the Urban Planning and Development Division, ASCE, 2015, 141, .	1.7	32
40	Effect of Distributional Assumption of Random Parameters of Mixed Logit Model on Willingness-to-Pay Values. Procedia, Social and Behavioral Sciences, 2013, 104, 601-610.	0.5	16
41	Willingness-to-pay for solid waste management service attributes: Kolkata Municipal Corporation area, India, as a case study. International Journal of Environment and Waste Management, 2013, 12, 406.	0.3	12
42	Effect of model specification on valuation of travel attributes: a case study of rural feeder service to bus stop. Journal of Transport Literature, 2013, 7, 8-28.	0.3	9
43	Urban Public Transportation System in the Context of Climate Change Mitigation: Emerging Issues and Research Needs in India. Springer Environmental Science and Engineering, 2013, , 75-91.	0.1	10
44	A Simulation-Based Approach for Design of Rural Feeder Service with Fixed-Route Fixed-Schedule Form of Operation. , 2013, , 1035-1048.		0
45	Planning of Fixed-Route Fixed-Schedule Feeder Service to Bus Stops in Rural India. Journal of Transportation Engineering, 2012, 138, 1274-1281.	0.9	4
46	SEARCH STRATEGY FOR NESTED LOGIT TREE STRUCTURE: A CASE STUDY OF RURAL FEEDER SERVICE TO BUS STOP. International Journal for Traffic and Transport Engineering, 2012, 2, 333-346.	0.4	2
47	Stated Preference Approach for Valuation of Travel Time Displayed as Traffic Information on a VMS Board. Journal of the Urban Planning and Development Division, ASCE, 2010, 136, 214-224.	1.7	16
48	Evaluation of VMS-Based Traffic Information Using Multiclass Dynamic Traffic Assignment Model: Experience in Kolkata. Journal of the Urban Planning and Development Division, ASCE, 2010, 136, 104-113.	1.7	7
49	Modeling Generalized Cost of Travel and Its Application for Improvement of Taxies in Kolkata. Journal of the Urban Planning and Development Division, ASCE, 2010, 136, 42-49.	1.7	13
50	Valuing Travel Attributes of Rural Feeder Service to Bus Stop: Comparison of Different Logit Model Specifications. Journal of Transportation Engineering, 2009, 135, 330-337.	0.9	11
51	Willingness-to-Pay and Preference Heterogeneity for Rural Bus Attributes. Journal of Transportation Engineering, 2007, 133, 62-69.	0.9	26
52	VALUING ATTRIBUTES OF ENHANCED TRAFFIC INFORMATION: AN EXPERIENCE IN KOLKATA. Transport, 2007, 22, 164-173.	1.2	10
53	MODELING STREAM SPEED IN HETEROGENEOUS TRAFFIC ENVIRONMENT USING ANNâ€‹LESSONS LEARNT. Transport, 2006, 21, 269-273.	1.2	6
54	Valuing Urban Bus Attributes: An Experience in Kolkata. Journal of Public Transportation, 2006, 9, 69-87.	1.2	31

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55	Modeling Generalized Cost of Travel for Rural Bus Users: A Case Study. Journal of Public Transportation, 2004, 7, 59-72.	1.2	32
56	PRIORITIZATION OF ROAD PROJECTS â€" A DISUTILITY BASED APPROACH. Transport, 2002, 17, 52-56.	1.2	6
57	Modeling Congestion on Urban Roads and Assessing Level of Service. Journal of Transportation Engineering, 1999, 125, 508-514.	0.9	61