

Bhargab Maitra

List of Publications by Year in descending order

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Version: 2024-02-01

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	Modeling Congestion on Urban Roads and Assessing Level of Service. Journal of Transportation Engineering, 1999, 125, 508-514.	0.9	61
2	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
3	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
4	Modeling Generalized Cost of Travel for Rural Bus Users: A Case Study. Journal of Public Transportation, 2004, 7, 59-72.	1.2	32
5	Valuing Urban Bus Attributes: An Experience in Kolkata. Journal of Public Transportation, 2006, 9, 69-87.	1.2	31
6	Commutersâ€™ willingness-to-pay for improvement of transfer facilities in and around metro stations â€œ A case study in Kolkata. Transportation Research, Part A: Policy and Practice, 2016, 92, 43-58.	4.2	27
7	Willingness-to-Pay and Preference Heterogeneity for Rural Bus Attributes. Journal of Transportation Engineering, 2007, 133, 62-69.	0.9	26
8	Priority Areas of Intervention for Improving Urban Bus Services: Experience in Kolkata, India. Transportation Research Record, 2017, 2634, 17-27.	1.9	21
9	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
10	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
11	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
12	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
13	Is fare increment desirable for ensuring operational viability of private buses?. Transport Policy, 2017, 59, 134-141.	6.6	15
14	Preference heterogeneity towards the importance of transfer facility attributes at metro stations in Kolkata. Travel Behaviour & Society, 2018, 12, 72-83.	5.0	15
15	An approach for identifying optimal service for rural bus routes. Case Studies on Transport Policy, 2015, 3, 287-294.	2.5	14
16	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
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Calibration of Micro-Simulation Model Parameters for Heterogeneous Traffic using Mode-Specific Performance Measure. <i>Transportation Research Record</i> , 2020, 2674, 135-147.	1.9	13
20	Willingness-to-pay for solid waste management service attributes: Kolkata Municipal Corporation area, India, as a case study. <i>International Journal of Environment and Waste Management</i> , 2013, 12, 406.	0.3	12
21	Calibration of Robertson's Platoon Dispersion Model in Non-lane Based Mixed Traffic Operation. <i>Transportation in Developing Economies</i> , 2016, 2, 1.	1.6	12
22	Valuing Travel Attributes of Rural Feeder Service to Bus Stop: Comparison of Different Logit Model Specifications. <i>Journal of Transportation Engineering</i> , 2009, 135, 330-337.	0.9	11
23	Investigating perception of captive and choice riders for formulating service standards of ordinary and premium buses in Indian cities. <i>Transport Policy</i> , 2018, 72, 89-96.	6.6	10
24	Urban Public Transportation System in the Context of Climate Change Mitigation: Emerging Issues and Research Needs in India. <i>Springer Environmental Science and Engineering</i> , 2013, , 75-91.	0.1	10
25	VALUING ATTRIBUTES OF ENHANCED TRAFFIC INFORMATION: AN EXPERIENCE IN KOLKATA. <i>Transport</i> , 2007, 22, 164-173.	1.2	10
26	Effect of model specification on valuation of travel attributes: a case study of rural feeder service to bus stop. <i>Journal of Transport Literature</i> , 2013, 7, 8-28.	0.3	9
27	An Approach for Prioritization of State Highways and Its Application. <i>Transportation in Developing Economies</i> , 2016, 2, 1.	1.6	9
28	Rationality of fare increment for improvement of transfer facilities at metro stations: An experience in Kolkata. <i>Transport Policy</i> , 2017, 58, 31-38.	6.6	8
29	New Approach for Calibrating Robertson's Platoon Dispersion Model. <i>Journal of Transportation Engineering Part A: Systems</i> , 2018, 144, .	1.4	8
30	Identification of Priority Areas of Improvement for Small Passenger Car Segment in Indian Market. <i>Vision</i> , 2023, 27, 225-242.	2.4	8
31	Evaluation of VMS-Based Traffic Information Using Multiclass Dynamic Traffic Assignment Model: Experience in Kolkata. <i>Journal of the Urban Planning and Development Division, ASCE</i> , 2010, 136, 104-113.	1.7	7
32	Improving Ridership and Reducing Subsidy for Premium Bus Service in Kolkata Metro City. <i>Journal of Transportation Engineering Part A: Systems</i> , 2019, 145, .	1.4	6
33	A relook at the pollution certification of in-use vehicles in India and a way forward. <i>Asian Transport Studies</i> , 2020, 6, 100020.	1.4	6
34	Measures for improving pedestrian crossing facilities based on perceptions of urban commuters: An experience in Kolkata. <i>Case Studies on Transport Policy</i> , 2021, 9, 965-973.	2.5	6
35	Analyzing Prospective Owners' Choice Decision towards Plug-in Hybrid Electric Vehicles in Urban India: A Stated Preference Discrete Choice Experiment. <i>Sustainability</i> , 2021, 13, 7725.	3.2	6
36	PRIORITIZATION OF ROAD PROJECTS – A DISUTILITY BASED APPROACH. <i>Transport</i> , 2002, 17, 52-56.	1.2	6

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37	MODELING STREAM SPEED IN HETEROGENEOUS TRAFFIC ENVIRONMENT USING ANN–LESSONS LEARNT. Transport, 2006, 21, 269-273.	1.2	6
38	Assessing consumer preferences for Plug-in Hybrid Electric Vehicle (PHEV): An Indian perspective. Research in Transportation Economics, 2021, 90, 101161.	4.1	6
39	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
40	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
41	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
42	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
43	Development and Application of a Multi-Criteria Decision Making (MCDM) Tool for Solid Waste Management: Kolkata as a Case Study. , 2017, , 275-299.		3
44	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
45	Temporal shift in willingness-to-pay for rural feeder service to bus stop. Travel Behaviour & Society, 2018, 12, 102-107.	5.0	2
46	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
47	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
48	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
49	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
50	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
51	Developing corridor choice model under hypothetical Variable Message Sign based traffic information. Journal of Transport Literature, 2015, 9, 5-9.	0.3	1
52	Implementation of Camera based Speed Management in India. Transportation Research Procedia, 2020, 48, 3223-3231.	1.5	1
53	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
54	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

#	ARTICLE	IF	CITATIONS
55	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
56	A Simulation-Based Approach for Design of Rural Feeder Service with Fixed-Route Fixed-Schedule Form of Operation. , 2013, , 1035-1048.		0
57	Implementation Framework for Bus Queue Jump Lane in Urban Corridors with Heterogeneous Traffic Operations. Transportation in Developing Economies, 2022, 8, .	1.6	0