Caspar G Chorus

List of Publications by Citations

106 papers	2,407 citations	29 h-index	46 g-index
110 ext. papers	2,913 ext. citations	4.1 avg, IF	5.87 L-index

#	Paper	IF	Citations
106	A Random Regret-Minimization model of travel choice. *Transportation Research Part B: Methodological*, **2008**, 42, 1-18	7.2	199
105	Use and Effects of Advanced Traveller Information Services (ATIS): A Review of the Literature. *Transport Reviews*, **2006**, 26, 127-149	9.9	140
104	Is your dataset big enough? Sample size requirements when using artificial neural networks for discrete choice analysis. *Journal of Choice Modelling*, **2018**, 28, 167-182	3.8	85
103	On the (im-)possibility of deriving transport policy implications from hybrid choice models. *Transport Policy*, **2014**, 36, 217-222	5.7	85
102	Regret theory-based route choices and traffic equilibria. *Transportmetrica*, **2012**, 8, 291-305		84
101	Random Regret Minimization: An Overview of Model Properties and Empirical Evidence. *Transport Reviews*, **2012**, 32, 75-92	9.9	82
100	Do attitudes cause behavior or vice versa? An alternative conceptualization of the attitude-behavior relationship in travel behavior modeling. *Transportation Research, Part A: Policy and Practice*, **2017**, 101, 190-202	3.7	76
99	Information, communication, travel behavior and accessibility. *Journal of Transport and Land Use*, **2013**, 6, 1	3.1	64
98	Random regret minimization or random utility maximization: an exploratory analysis in the context of automobile fuel choice. *Journal of Advanced Transportation*, **2013**, 47, 667-678	1.9	62
97	Modeling experienced accessibility for utility-maximizers and regret-minimizers. *Journal of Transport Geography*, **2011**, 19, 1155-1162	5.2	54
96	Regret Minimization or Utility Maximization: It Depends on the Attribute. *Environment and Planning B: Planning and Design*, **2013**, 40, 154-169		51
95	Consumer preferences for alternative fuel vehicles: Comparing a utility maximization and a regret minimization model. *Energy Policy*, **2013**, 61, 901-908	7.2	49
94	Random regret minimization for consumer choice modeling: Assessment of empirical evidence. *Journal of Business Research*, **2014**, 67, 2428-2436	8.7	48
93	A Large-Scale Analysis of Impact Factor Biased Journal Self-Citations. *PLoS ONE*, **2016**, 11, e0161021	3.7	46
92	Policy effects on charging behaviour of electric vehicle owners and on purchase intentions of prospective owners: Natural and stated choice experiments. *Transportation Research, Part D: Transport and Environment*, **2018**, 62, 283-297	6.4	45
91	The value of travel information: Decision strategy-specific conceptualizations and numerical examples. *Transportation Research Part B: Methodological*, **2006**, 40, 504-519	7.2	45
90	A Generalized Random Regret Minimization model. *Transportation Research Part B: Methodological*, **2014**, 68, 224-238	7.2	44

89	Responses to Transit Information among Car-drivers: Regret-based Models and Simulations. *Transportation Planning and Technology*, **2006**, 29, 249-271	1.6	44
88	New insights on random regret minimization models. *Transportation Research, Part A: Policy and Practice*, **2015**, 74, 91-109	3.7	43
87	Fully charged: An empirical study into the factors that influence connection times at EV-charging stations. *Energy Policy*, **2018**, 123, 1-7	7.2	43
86	Random Regret Minimization: Exploration of a New Choice Model for Environmental and Resource Economics. *Environmental and Resource Economics*, **2012**, 51, 413-429	4.4	43
85	An empirical comparison of travel choice models that capture preferences for compromise alternatives. *Transportation*, **2013**, 40, 549-562	4	41
84	How will automated vehicles shape users□daily activities? Insights from focus groups with commuters in the Netherlands. *Transportation Research, Part D: Transport and Environment*, **2019**, 71, 222-235	6.4	39
83	A Time-use Model for the Automated Vehicle-era. *Transportation Research Part C: Emerging Technologies*, **2018**, 93, 102-114	8.4	38
82	From user equilibrium to system optimum: a literature review on the role of travel information, bounded rationality and non-selfish behaviour at the network and individual levels. *Transport Reviews*, **2016**, 36, 527-548	9.9	37
81	Travelers' Need for Information in Traffic and Transit: Results from a Web Survey. *Journal of Intelligent Transportation Systems: Technology, Planning, and Operations*, **2007**, 11, 57-67	3.2	36
80	A joint model of travel information acquisition and response to received messages. *Transportation Research Part C: Emerging Technologies*, **2013**, 26, 61-77	8.4	32
79	Traveler compliance with advice: A Bayesian utilitarian perspective. *Transportation Research, Part E: Logistics and Transportation Review*, **2009**, 45, 486-500	9	32
78	Vacation behaviour under high travel cost conditions □A stated preference of revealed preference approach. *Tourism Management*, **2014**, 43, 105-118	10.8	31
77	The role of general and specific attitudes in predicting travel behavior □A fatal dilemma?. *Travel Behaviour & Society*, **2018**, 10, 33-41	5.3	29
76	Validation of a multimodal travel simulator with travel information provision. *Transportation Research Part C: Emerging Technologies*, **2007**, 15, 191-207	8.4	28
75	Stochastic User Equilibrium for Route Choice Model Based on Random Regret Minimization. *Transportation Research Record*, **2012**, 2284, 100-108	1.7	25
74	Random regret-based discrete-choice modelling: an application to healthcare. *Pharmacoeconomics*, **2013**, 31, 623-34	4.4	25
73	Stated choices and benefit estimates in the context of traffic calming schemes: Utility maximization, regret minimization, or both?. *Transportation Research, Part A: Policy and Practice*, **2014**, 61, 121-135	3.7	24
72	Modeling politicians' preferences for road pricing policies: A regret-based and utilitarian perspective. *Transport Policy*, **2011**, 18, 856-861	5.7	24

71	Detecting dominance in stated choice data and accounting for dominance-based scale differences in logit models. *Transportation Research Part B: Methodological*, **2017**, 102, 83-104	7.2	21
70	Fleeing from Hurricane Irma: Empirical Analysis of Evacuation Behavior Using Discrete Choice Theory. *Transportation Research, Part D: Transport and Environment*, **2020**, 79, 102227	6.4	21
69	Spatial Choice: A Matter of Utility or Regret?. *Environment and Planning B: Planning and Design*, **2009**, 36, 538-551		21
68	Models of moral decision making: Literature review and research agenda for discrete choice analysis. *Journal of Choice Modelling*, **2015**, 16, 69-85	3.8	20
67	The Value of Travel Information: A Search-Theoretic Approach. *Journal of Intelligent Transportation Systems: Technology, Planning, and Operations*, **2010**, 14, 154-165	3.2	20
66	Information impact on quality of multimodal travel choices: conceptualizations and empirical analyses. *Transportation*, **2007**, 34, 625-645	4	20
65	From welcome culture to welcome limits? Uncovering preference changes over time for sheltering refugees in Germany. *PLoS ONE*, **2018**, 13, e0199923	3.7	18
64	Random Regret-based Discrete Choice Modeling. *SpringerBriefs in Business*, **2012**,	0.3	17
63	Diabolical dilemmas of COVID-19: An empirical study into Dutch society's trade-offs between health impacts and other effects of the lockdown. *PLoS ONE*, **2020**, 15, e0238683	3.7	17
62	Taboo trade-off aversion: A discrete choice model and empirical analysis. *Journal of Choice Modelling*, **2018**, 27, 37-49	3.8	16
61	Sampling of Alternatives in Random Regret Minimization Models. *Transportation Science*, **2016**, 50, 306-321	4.4	15
60	Incorporating needs-satisfaction in a discrete choice model of leisure activities. *Journal of Transport Geography*, **2014**, 38, 66-74	5.2	15
59	Contrasts between utility maximisation and regret minimisation in the presence of opt out alternatives. *Transportation Research, Part A: Policy and Practice*, **2014**, 66, 1-12	3.7	15
58	Logsums for utility-maximizers and regret-minimizers, and their relation with desirability and satisfaction. *Transportation Research, Part A: Policy and Practice*, **2012**, 46, 1003-1012	3.7	15
57	Determinants of Stated and Revealed Mental Map Quality: An Empirical Study. *Journal of Urban Design*, **2010**, 15, 211-226	1.8	15
56	Willingness to pay for safety improvements in passenger air travel. *Journal of Air Transport Management*, **2017**, 62, 165-175	5.1	13
55	A Revealed Preference Methodology to Evaluate Regret Minimization with Challenging Choice Sets: A Wildfire Evacuation Case Study. *Travel Behaviour & Society*, **2020**, 20, 331-347	5.3	13
54	Risk aversion, regret aversion and travel choice inertia: an experimental study. *Transportation Planning and Technology*, **2014**, 37, 321-332	1.6	13

53	What about behaviour in travel demand modelling? An overview of recent progress. *Transportation Letters*, **2012**, 4, 93-104	2.1	13
52	Substantial Changes and Their Impact on Mobility: A Typology and an Overview of the Literature. *Transport Reviews*, **2012**, 32, 569-597	9.9	11
51	Ethical issues in focus by the autonomous vehicles industry. *Transport Reviews*,1-22	9.9	11
50	Incorporating Mental Representations in Discrete Choice Models of Travel Behavior: Modeling Approach and Empirical Application. *Transportation Science*, **2015**, 49, 577-590	4.4	10
49	Measuring user benefits of changes in the transport system when traveler awareness is limited. *Transportation Research, Part A: Policy and Practice*, **2009**, 43, 536-547	3.7	10
48	Consumer surplus for random regret minimisation models. *Journal of Environmental Economics and Policy*, **2018**, 7, 269-286	1.8	9
47	Individuals□Decisions in the Presence of Multiple Goals. *Customer Needs and Solutions*, **2018**, 5, 51-64	0.8	9
46	Benefit of adding an alternative to one?s choice set: A regret minimization perspective. *Journal of Choice Modelling*, **2014**, 13, 49-59	3.8	9
45	Heterogeneous Valuation of Quality Dimensions of Railway Freight Service by Chinese Shippers: Choice-Based Conjoint Analysis. *Transportation Research Record*, **2016**, 2546, 9-16	1.7	9
44	Effects of task complexity and time pressure on activity-travel choices: heteroscedastic logit model and activity-travel simulator experiment. *Transportation*, **2016**, 43, 455-472	4	8
43	Charging infrastructure roll-out strategies for large scale introduction of electric vehicles in urban areas: An agent-based simulation study. *Transportation Research, Part A: Policy and Practice*, **2021**, 148, 262-285	3.7	8
42	Simulation Study on Impacts of High Aviation Carbon Taxes on Tourism: Application of Portfolio Vacation Choice Model. *Transportation Research Record*, **2014**, 2449, 64-71	1.7	7
41	Travelers□compliance with social routing advice: evidence from SP and RP experiments. *Transportation*, **2020**, 47, 1047-1070	4	7
40	A new perspective on the role of attitudes in explaining travel behavior: A psychological network model. *Transportation Research, Part A: Policy and Practice*, **2020**, 133, 82-94	3.7	6
39	On the robustness of efficient experimental designs towards the underlying decision rule. *Transportation Research, Part A: Policy and Practice*, **2018**, 109, 50-64	3.7	6
38	Value of time □A citizen perspective. *Transportation Research, Part A: Policy and Practice*, **2016**, 91, 317-329	3.7	6
37	Acquisition of Ex-Post Travel Information: A Matter of Balancing Regrets. *Transportation Science*, **2014**, 48, 243-255	4.4	6
36	Explaining cost overruns of large-scale transportation infrastructure projects using a signalling game. *Transportmetrica A: Transport Science*, **2013**, 9, 239-258	2.5	6

35	Revealing consumer preferences by observing information search. *Journal of Choice Modelling*, **2008**, 1, 3-25	3.8	6
34	Learning Opinions by Observing Actions: Simulation of Opinion Dynamics Using an Action-Opinion Inference Model. *Jasss*, **2019**, 22,	4.8	6
33	E-bike user groups and substitution effects: evidence from longitudinal travel data in the Netherlands. *Transportation*,1	4	6
32	Utility Maximisation and Regret Minimisation: A Mixture of a Generalisation **2015**, 31-47		5
31	The effects of different forms of ICT on accessibility a behavioural model and numerical examples. *Transportmetrica A: Transport Science*, **2014**, 10, 233-254	2.5	5
30	Selecting a date: a matter of regret and compromises229-242		4
29	Value of Travel Information: Theoretical Framework and Numerical Examples. *Transportation Research Record*, **2005**, 1926, 142-151	1.7	4
28	Value of travel time changes: Theory and simulation to understand the connection between Random Valuation and Random Utility methods. *Transport Policy*, **2016**, 48, 139-145	5.7	4
27	The effect of travel time information on day-to-day route choice behaviour: evidence from a real-world experiment. *Transportmetrica B*, **2019**, 7, 1719-1742	1.8	4
26	Does the decision rule matter for large-scale transport models?. *Transportation Research, Part A: Policy and Practice*, **2018**, 114, 338-353	3.7	3
25	Does The Decision Rule Matter For Large-Scale Transport Models?. *Transportation Research Procedia*, **2017**, 23, 848-867	2.4	3
24	Specification of regret-based models of choice behaviour: formal analyses and experimental design based evidence ommentary. *Transportation*, **2018**, 45, 247-256	4	3
23	Attitudes and habits in highly effective travel models. *Transportation*, **2015**, 42, 3-5	4	2
22	Does morality predict aggressive driving? A conceptual analysis and exploratory empirical investigation. *Transportation Research Part F: Traffic Psychology and Behaviour*, **2020**, 74, 259-271	4.5	2
21	Individuals' Decisions in the Presence of Multiple Goals. *SSRN Electronic Journal*, **2017**,	1	2
20	Travelers' Use of ICT under Conditions of Risk and Constraints: An Empirical Study Based on Stated and Induced Preferences. *Environment and Planning B: Planning and Design*, **2014**, 41, 928-944		2
19	Incorporating Mental Representations in Discrete Choice Models of Travel Behaviour: Modelling Approach and Empirical Application. *SSRN Electronic Journal*, **2013**,	1	2
18	Travel Information: Time to Drop the Labels?. *IEEE Transactions on Intelligent Transportation Systems*, **2012**, 13, 1235-1242	6.1	2

17	Value of Travel Information: Theoretical Framework and Numerical Examples		2
16	A Random Regret Minimization-based Discrete Choice Model. *SpringerBriefs in Business*, **2012**, 5-15	0.3	2
15	Empirical Application of Random Regret Minimization-Models. *SpringerBriefs in Business*, **2012**, 17-34	0.3	2
14	Ubiquitous Travel Environments and Travel Control Strategies30-51		1
13	Applicability of Random Regret Minimization-Models, and Their Strong and Weak Points. *SpringerBriefs in Business*, **2012**, 35-41	0.3	1
12	BAIT: A New Medical Decision Support Technology Based on Discrete Choice Theory. *Medical Decision Making*, **2021**, 41, 614-619	2.5	1
11	Obfuscation maximization-based decision-making: Theory, methodology and first empirical evidence. *Mathematical Social Sciences*, **2021**, 109, 28-44	0.7	1
10	Computer Says I Don□t Know: An Empirical Approach to Capture Moral Uncertainty in Artificial Intelligence. *Minds and Machines*, **2021**, 31, 215-237	4.9	1
9	Hiding opinions by minimizing disclosed information: an obfuscation-based opinion dynamics model. *Journal of Mathematical Sociology*,1-27	1.2	1
8	Paving the way towards superstar destinations: Models of convex demand for quality. *Environment and Planning B: Urban Analytics and City Science*, **2018**, 45, 161-179	2	0
7	Perspectives about artificial moral agents. *AI and Ethics*, **2021**, 1, 477	2	0
6	A day in the life with an automated vehicle: Empirical analysis of data from an interactive stated activity-travel survey. *Journal of Choice Modelling*, **2021**, 39, 100286	3.8	0
5	Behavioural artificial intelligence technology for COVID-19 intensivist triage decisions: making the implicit explicit. *Intensive Care Medicine*, **2021**, 47, 1327-1328	14.5	0
4	Selection of Recent Developments in RRM-Modeling. *SpringerBriefs in Business*, **2012**, 43-52	0.3	
3	Estimating decision rule differences between □best□ and □worst□ choices in a sequential best worst discrete choice experiment. *Journal of Choice Modelling*, **2021**, 41, 100307	3.8	
2	Together alone: a group-based polarization measurement. *Quality and Quantity*,1	2.4	
1	Decision Field Theory: Equivalence with probit models and guidance for identifiabilty. *Journal of Choice Modelling*, **2022**, 100358	3.8	