John M Rose

List of Publications by Year
in descending order

134 papers	9,355 citations	66343 42 h-index	58581 82 g-index
140 all docs	140 docs citations	140 times ranked	6651 citing authors

#	Article	IF	Citations
1	Preferences for shared autonomous vehicles. Transportation Research Part C: Emerging Technologies, 2016, 69, 343-355.	7.6	586
2	Constructing Efficient Stated Choice Experimental Designs. Transport Reviews, 2009, 29, 587-617.	8.8	483
3	Design efficiency for nonâ€market valuation with choice modelling: how to measure it, what to report and why*. Australian Journal of Agricultural and Resource Economics, 2008, 52, 253-282.	2.6	447
4	Designing efficient stated choice experiments in the presence of reference alternatives. Transportation Research Part B: Methodological, 2008, 42, 395-406.	5.9	356
5	The implications on willingness to pay of respondents ignoring specific attributes. Transportation, 2005, 32, 203-222.	4.0	273
6	Willingness to pay for travel time reliability in passenger transport: A review and some new empirical evidence. Transportation Research, Part E: Logistics and Transportation Review, 2010, 46, 384-403.	7.4	273
7	Construction of experimental designs for mixed logit models allowing for correlation across choice observations. Transportation Research Part B: Methodological, 2010, 44, 720-734.	5.9	233
8	Sample size requirements for stated choice experiments. Transportation, 2013, 40, 1021-1041.	4.0	183
9	Crowding in public transport systems: Effects on users, operation and implications for the estimation of demand. Transportation Research, Part A: Policy and Practice, 2013, 53, 36-52.	4.2	166
10	Accounting for heterogeneity in the variance of unobserved effects in mixed logit models. Transportation Research Part B: Methodological, 2006, 40, 75-92.	5.9	156
11	Approximation of bayesian efficiency in experimental choice designs. Journal of Choice Modelling, 2008, 1, 98-126.	2.3	143
12	Multimodal pricing and optimal design of urban public transport: The interplay between traffic congestion and bus crowding. Transportation Research Part B: Methodological, 2014, 61, 33-54.	5.9	142
13	Can scale and coefficient heterogeneity be separated in random coefficients models?. Transportation, 2012, 39, 1225-1239.	4.0	139
14	Stated choice experimentation, contextual influences and food choice: A case study. Food Quality and Preference, 2008, 19, 539-564.	4.6	135
15	Asymmetric preference formation in willingness to pay estimates in discrete choice models. Transportation Research, Part E: Logistics and Transportation Review, 2008, 44, 847-863.	7.4	122
16	Inferring attribute non-attendance from stated choice data: implications for willingness to pay estimates and a warning for stated choice experiment design. Transportation, 2012, 39, 235-245.	4.0	121
17	Efficient stated choice experiments for estimating nested logit models. Transportation Research Part B: Methodological, 2009, 43, 19-35.	5.9	117
18	Confidence intervals of willingness-to-pay for random coefficient logit models. Transportation Research Part B: Methodological, 2013, 58, 199-214.	5.9	107

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19	Directional heterogeneity in WTP models for environmental valuation. Ecological Economics, 2012, 79, 21-31.	5.7	106
20	Experimental design influences on stated choice outputs: An empirical study in air travel choice. Transportation Research, Part A: Policy and Practice, 2011, 45, 63-79.	4.2	104
21	Dialysis Modality Preference of Patients With CKD and Family Caregivers: A Discrete-Choice Study. American Journal of Kidney Diseases, 2012, 60, 102-111.	1.9	102
22	Valuing biodiversity enhancement in New Zealand's planted forests: Socioeconomic and spatial determinants of willingness-to-pay. Ecological Economics, 2014, 98, 90-101.	5.7	101
23	Non-trading, lexicographic and inconsistent behaviour in stated choice data. Transportation Research, Part D: Transport and Environment, 2010, 15, 405-417.	6.8	99
24	Preferences for a COVID-19 vaccine in Australia. Vaccine, 2021, 39, 473-479.	3.8	99
25	Hypothetical bias in Stated Choice Experiments: Is it a problem? And if so, how do we deal with it?. Transportation Research, Part A: Policy and Practice, 2014, 61, 164-177.	4.2	94
26	Toward the betterment of risk allocation: Investigating risk perceptions of Australian stakeholder groups to publicâ€“private-partnership tollroad projects. Research in Transportation Economics, 2010, 30, 43-58.	4.1	88
27	Combining RP and SP data: biases in using the nested logit â€˜trickâ€™ â€“ contrasts with flexible mixed logit incorporating panel and scale effects. Journal of Transport Geography, 2008, 16, 126-133.	5.0	83
28	Development of commuter and non-commuter mode choice models for the assessment of new public transport infrastructure projects: A case study. Transportation Research, Part A: Policy and Practice, 2007, 41, 428-443.	4.2	79
29	Can you ever be certain? Reducing hypothetical bias in stated choice experiments via respondent reported choice certainty. Transportation Research Part B: Methodological, 2016, 89, 149-167.	5.9	75
30	Simplifying choice through attribute preservation or non-attendance: Implications for willingness to pay. Transportation Research, Part E: Logistics and Transportation Review, 2009, 45, 583-590.	7.4	74
31	Adoption of renewable heating systems: An empirical test of the diffusion of innovation theory. Energy, 2017, 125, 313-326.	8.8	73
32	Identifying commuter preferences for existing modes and a proposed Metro in Sydney, Australia with special reference to crowding. Public Transport, 2011, 3, 109-147.	2.7	72
33	Should Reference Alternatives in Pivot Design SC Surveys be Treated Differently?. Environmental and Resource Economics, 2009, 42, 297-317.	3.2	70
34	Allowing for intra-respondent variations in coefficients estimated on repeated choice data. Transportation Research Part B: Methodological, 2009, 43, 708-719.	5.9	69
35	Are Healthcare Choices Predictable? The Impact of Discrete Choice Experiment Designs and Models. Value in Health, 2019, 22, 1050-1062.	0.3	69
36	Eliciting older people's preferences for exercise programs: a best-worst scaling choice experiment. Journal of Physiotherapy, 2015, 61, 34-41.	1.7	68

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37	A Discrete Choice Experiment to Obtain a Tariff for Valuing Informal Care Situations Measured with the CarerQol Instrument. Medical Decision Making, 2014, 34, 84-96.	2.4	63
38	Regret Minimization or Utility Maximization: It Depends on the Attribute. Environment and Planning B: Planning and Design, 2013, 40, 154-169.	1.7	61
39	Identifying differences in willingness to pay due to dimensionality in stated choice experiments: a cross country analysis. Journal of Transport Geography, 2009, 17, 21-29.	5.0	50
40	Estimating the willingness to pay and value of risk reduction for car occupants in the road environment. Transportation Research, Part A: Policy and Practice, 2009, 43, 692-707.	4.2	49
41	Deriving Willingness-to-Pay Estimates of Travel-Time Savings from Individual-Based Parameters. Environment and Planning A, 2006, 38, 2365-2376.	3.6	48
42	Recovering costs through price and service differentiation: Accounting for exogenous information on attribute processing strategies in airline choice. Journal of Air Transport Management, 2005, 11, 400-407.	4.5	46
43	The implications on willingness to pay of a stochastic treatment of attribute processing in stated choice studies. Transportation Research, Part E: Logistics and Transportation Review, 2007, 43, 73-89.	7.4	46
44	Values for the ICECAP-Supportive Care Measure (ICECAP-SCM) for use in economic evaluation at end of life. Social Science and Medicine, 2017, 189, 114-128.	3.8	46
45	Interactive stated choice surveys: a study of air travel behaviour. Transportation, 2012, 39, 55-79.	4.0	44
46	Environmental attitudes and emissions charging: An example of policy implications for vehicle choice. Transportation Research, Part A: Policy and Practice, 2013, 50, 171-182.	4.2	42
47	I canâ€™t believe your attitude: a joint estimation of best worst attitudes and electric vehicle choice. Transportation, 2017, 44, 753-772.	4.0	41
48	Design and development of a stated choice experiment for interdependent agents: accounting for interactions between buyers and sellers of urban freight services. Transportation, 2007, 34, 429-451.	4.0	39
49	Consistently inconsistent: The role of certainty, acceptability and scale in choice. Transportation Research, Part E: Logistics and Transportation Review, 2013, 56, 81-93.	7.4	39
50	Hypothetical bias in stated choice experiments: Part I. Macro-scale analysis of literature and integrative synthesis of empirical evidence from applied economics, experimental psychology and neuroimaging. Journal of Choice Modelling, 2021, 41, 100309.	2.3	38
51	Stated Preference Experimental Design Strategies. Handbooks in Transport, 2007, , 151-180.	0.1	37
52	Does anybody like water restrictions? Some observations in Australian urban communities*. Australian Journal of Agricultural and Resource Economics, 2012, 56, 61-81.	2.6	37
53	Hypothetical bias in stated choice experiments: Part II. Conceptualisation of external validity, sources and explanations of bias and effectiveness of mitigation methods. Journal of Choice Modelling, 2021, 41, 100322.	2.3	37
54	Specification issues in a generalised random parameters attribute nonattendance model. Transportation Research Part B: Methodological, 2013, 56, 234-253.	5.9	34

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55	Means matter, but variance matter too: Decomposing response latency influences on variance heterogeneity in stated preference experiments. Marketing Letters, 2006, 17, 295-310.	2.9	32
56	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.	5.9	32
57	Using Classical Simulation-Based Estimators to Estimate Individual WTP Values. , 2005, , 17-33.		31
58	Accounting for Preference and Scale Heterogeneity in Establishing Whether it Matters Who is Interviewed to Reveal Household Automobile Purchase Preferences. Environmental and Resource Economics, 2011, 49, 1-22.	3.2	31
59	Will bus travellers walk further for a more frequent service? An international study using a stated preference approach. Transport Policy, 2018, 69, 88-97.	6.6	29
60	Are there specific design elements of choice experiments and types of people that influence choice response certainty?. Journal of Choice Modelling, 2012, 5, 77-97.	2.3	28
61	Patient Preferences for Outcomes After Kidney Transplantation. Transplantation, 2017, 101, 2765-2773.	1.0	28
62	Valuing coastal water quality: Adelaide, South Australia metropolitan area. Marine Policy, 2015, 52, 116-124.	3.2	27
63	Agency decision making in freight distribution chains: Establishing a parsimonious empirical framework from alternative behavioural structures. Transportation Research Part B: Methodological, 2007, 41, 924-949.	5.9	26
64	Valuing a multistate river: the case of the River Murray*. Australian Journal of Agricultural and Resource Economics, 2011, 55, 374-392.	2.6	26
65	Experimental Design Criteria and Their Behavioural Efficiency: An Evaluation in the Field. Environmental and Resource Economics, 2015, 62, 433-455.	3.2	26
66	Eliciting patient preferences, priorities and trade-offs for outcomes following kidney transplantation: a pilot bestâ€“worst scaling survey. BMJ Open, 2016, 6, e008163.	1.9	26
67	Investigating Internet and Mail Implementation of Stated-Preference Surveys While Controlling for Differences in Sample Frames. Environmental and Resource Economics, 2016, 64, 401-419.	3.2	26
68	Exploring Perceived Safety, Privacy, and Distrust on Air Travel Choice in the Context of Differing Passenger Screening Procedures. Journal of Travel Research, 2018, 57, 495-512.	9.0	26
69	Getting smarter about household energy: the who and what of demand for smart meters. Building Research and Information, 2021, 49, 100-112.	3.9	25
70	Demand for taxi services: new elasticity evidence. Transportation, 2014, 41, 717-743.	4.0	23
71	The best of times and the worst of times: A new bestâ€“worst measure of attitudes toward public transport experiences. Transportation Research, Part A: Policy and Practice, 2016, 86, 108-123.	4.2	23
72	Patient Preferences for a Polypill for the Prevention of Cardiovascular Diseases. Annals of Pharmacotherapy, 2015, 49, 528-539.	1.9	22

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73	Households' willingness to pay for overhead-to-underground conversion of electricity distribution networks. Energy Policy, 2011, 39, 2560-2567.	8.8	20
74	Attribute exclusion strategies in airline choice: accounting for exogenous information on decision maker processing strategies in models of discrete choice. Transportmetrica, 2012, 8, 344-360.	1.8	20
75	Accommodating risk in the valuation of expected travel time savings. Journal of Advanced Transportation, 2013, 47, 206-224.	1.7	20
76	Valuing injection frequency and other attributes of type 2 diabetes treatments in Australia: a discrete choice experiment. BMC Health Services Research, 2018, 18, 675.	2.2	20
77	Behavioural responses to vehicle emissions charging. Transportation, 2011, 38, 445-463.	4.0	19
78	Choosing Public Transportâ€"Incorporating Richer Behavioural Elements in Modal Choice Models. Transport Reviews, 2013, 33, 92-106.	8.8	18
79	Estimating the Value of Risk Reduction for Pedestrians in the Road Environment: An Exploratory Analysis. Journal of Choice Modelling, 2011, 4, 70-94.	2.3	17
80	Do preferences for BRT and LRT vary across geographical jurisdictions? A comparative assessment of six Australian capital cities. Case Studies on Transport Policy, 2014, 2, 1-9.	2.5	17
81	Dual-Response Choices in Pivoted Stated Choice Experiments. Transportation Research Record, 2009, 2135, 25-33.	1.9	16
82	Growing patronage â€“ Challenges and what has been found to work. Research in Transportation Economics, 2008, 22, 5-11.	4.1	15
83	Forecasting automobile petrol demand in Australia: An evaluation of empirical models. Transportation Research, Part A: Policy and Practice, 2010, 44, 16-38.	4.2	15
84	Does the choice model method and/or the data matter?. Transportation, 2012, 39, 351-385.	4.0	15
85	The role of the reference alternative in the specification of asymmetric discrete choice models. Transportation Research, Part E: Logistics and Transportation Review, 2013, 53, 83-92.	7.4	15
86	A Closer Look at Decision and Analyst Error by Including Nonlinearities in Discrete Choice Models: Implications on Willingness-to-Pay Estimates Derived from Discrete Choice Data in Healthcare. Pharmacoeconomics, 2013, 31, 1169-1183.	3.3	14
87	Stated choice experimental design theory: the who, the what and the why. , 2014, , .		13
88	The issue of microplastic in the oceans: Preferences and willingness to pay to tackle the issue in Australia. Marine Policy, 2022, 135, 104875.	3.2	13
89	A Combined GPS/Stated Choice Experiment to Estimate Values of Crash-Risk Reduction. Journal of Choice Modelling, 2011, 4, 44-61.	2.3	12
90	Community Preferences for the Allocation & Donation of Organs - The PAraDOx Study. BMC Public Health, 2011, 11, 386.	2.9	12

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91	Tollroads are only part of the overall trip: the error of our ways in past willingness to pay studies. Transportation, 2014, 41, 819-837.	4.0	12
92	Extending stated choice analysis to recognise agent-specific attribute endogeneity in bilateral group negotiation and choice: a think piece. Transportation, 2007, 34, 667-679.	4.0	11
93	Exploring the Spatial Heterogeneity of Individual Preferences for Ambient Heating Systems. Energies, 2016, 9, 407.	3.1	11
94	Issues in the Design of Discrete Choice Experiments. Patient, 2019, 12, 281-285.	2.7	10
95	Direct and cross elasticities for freight distribution access charges: Empirical evidence by vehicle class, vehicle kilometres and tonne vehicle kilometres. Transportation Research, Part E: Logistics and Transportation Review, 2013, 56, 1-21.	7.4	9
96	On the robustness of efficient experimental designs towards the underlying decision rule. Transportation Research, Part A: Policy and Practice, 2018, 109, 50-64.	4.2	9
97	If one goes up, another must come down: A latent class hybrid choice modelling approach for understanding electricity mix preferences among renewables and non-renewables. Energy Policy, 2021, 159, 112611.	8.8	9
98	Toll product preferences and implications for alternative payment options and going cashless. Transportation, 2009, 36, 131-145.	4.0	8
99	â€˜The usefulness of Bayesian optimal designs for discrete choice experimentsâ€™ by R. Kessels, B. Jones, P. Goos and M. Vandebroek. Applied Stochastic Models in Business and Industry, 2011, 27, 193-196.	1.5	8
100	Accommodating perceptual conditioning in the valuation of expected travel time savings for cars and public transport. Research in Transportation Economics, 2013, 39, 270-276.	4.1	8
101	Effects of the number of alternatives in public good discrete choice experiments. Ecological Economics, 2021, 182, 106904.	5.7	8
102	Serial Choice Conjoint Analysis for Estimating Discrete Choice Models. , 2010, , 137-161.		7
103	Bayesian imputation of nonâ€chosen attribute values in revealed preference surveys. Journal of Advanced Transportation, 2014, 48, 48-65.	1.7	7
104	The joint estimation of respondent-reported certainty and acceptability with choice. Transportation Research, Part A: Policy and Practice, 2015, 71, 141-152.	4.2	7
105	Global versus localised attitudinal responses in discrete choice. Transportation, 2021, 48, 131-165.	4.0	7
106	Designing and Implementing Internet Questionnaires Using Microsoft Excel. Australasian Marketing Journal, 2005, 13, 61-72.	5.4	6
107	Infrastructure Asset Reporting Options: A Stated Preference Experiment. Accounting Horizons, 2012, 26, 465-491.	2.1	6
108	Stated Choice design comparison in a developing country: recall and attribute nonattendance. Health Economics Review, 2014, 4, 25.	2.0	6

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109	Extending the theory of planned behaviour to investigate the issue of microplastics in the marine environment. Marine Pollution Bulletin, 2022, 179, 113689.	5.0	6
110	Recycled wastewater and product choice: Does it make a difference if and when you taste it?. Food Quality and Preference, 2016, 48, 283-292.	4.6	5
111	Possible design-induced artifacts associated with designs for discrete choice experiments. Journal of Statistical Theory and Practice, 2017, 11, 296-321.	0.5	5
112	Managing groundwater in a mining region: an opportunity to compare bestâ€worst and referendum data. Australian Journal of Agricultural and Resource Economics, 2019, 63, 897-921.	2.6	5
113	Reducing the randomness of latent variables using the evaluative space grid: Implementation in a hybrid choice model. Transportation Research Part F: Traffic Psychology and Behaviour, 2019, 62, 192-211.	3.7	5
114	Cultural Values, Deep Mining Operations and the Use of Surplus Groundwater for Towns, Landscapes and Jobs. Ecological Economics, 2020, 178, 106808.	5.7	5
115	Handling Individual Specific Availability of Alternatives in Stated Choice Experiments. , 2006, , 325-346.		4
116	Forecasting petrol demand and assessing the impact of selective strategies to reduce fuel consumption. Transportation Planning and Technology, 2010, 33, 407-421.	2.0	4
117	Identifying sources of systematic variation in direct price elasticities from revealed preference studies of inter-city freight demand. Transport Policy, 2011, 18, 727-734.	6.6	4
118	User satisfaction with taxi and limousine services in the Melbourne metropolitan area. Journal of Transport Geography, 2018, 70, 234-245.	5.0	4
119	Experimental Design Strategies for Stated Preference Studies Dealing with Non-market Goods. , 2011, , .		4
120	Does information matter in the value of a wetland?. Journal of Environmental Planning and Management, 2022, 65, 1323-1348.	4.5	4
121	Observed Efficiency of a D-Optimal Design in an Interactive Agency Choice Experiment. , 2010, , 163-193.		3
122	Effects of Stated Choice Design Dimensions on Model Estimates. , 2010, , 195-215.		3
123	The accuracy of proxy responses in a stated choice setting: A re-examination and some controversial conclusions. Transportation Research, Part A: Policy and Practice, 2012, 46, 226-239.	4.2	3
124	A simulation of the simple Mohring model to predict patronage and value of resources consumed for enhanced bus services. Research in Transportation Economics, 2013, 39, 259-269.	4.1	3
125	Stated preference modelling of intra-household decisions: Can you more easily approximate the preference space?. Transportation, 2019, 46, 1195-1213.	4.0	3
126	Choice of speed under compromised Dynamic Message Signs. PLoS ONE, 2020, 15, e0243567.	2.5	3

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127	Mode choice between autonomous vehicles and manually-driven vehicles: An experimental study of information and reward. Transportation Research, Part A: Policy and Practice, 2022, 157, 24-39.	4.2	3
128	Methodological advancements in constructing designs and understanding respondent behaviour related to stated preference experiments. Transportation Research Part B: Methodological, 2010, 44, 717-719.	5.9	2
129	Costâ€reflective pricing: empirical insights into irrigatorsâ€™ preferences for water tariffs. Australian Journal of Agricultural and Resource Economics, 2018, 62, 256-278.	2.6	2
130	Frontiers in Modeling Discrete Choice Experiments: A Benefit Transfer Perspective. The Economics of Non-market Goods and Resources, 2015, , 209-236.	1.2	2
131	Choice modelling with search and sort data from an interactive choice experiment. Transportation Research, Part E: Logistics and Transportation Review, 2013, 56, 36-45.	7.4	1
132	The Creation of Simulated Household Travel Survey Data Based on Available Demographic Data from Households. , 2005, , 183-205.		0
133	Stated Choice Design Comparison in a Developing Country: Attribute Nonattendance and Choice Task Dominance. SSRN Electronic Journal, 0, , .	0.4	0
134	Preferences for BRT and light rail. , 2016, , 209-230.		0