Andrew Higgins

List of Publications by Year
in descending order

34 papers	**1,145** citations	471061 **17** h-index	454577 **30** g-index
34 all docs	**34** docs citations	**34** times ranked	**1308** citing authors

#	Article	IF	Citations
1	Informing transport infrastructure investments using TraNSIT: A case study for Australian agriculture and forestry. Computers and Electronics in Agriculture, 2018, 154, 187-203.	3.7	5
2	Informing major government programs for rural transport infrastructure in northern Australia. Rangeland Journal, 2018, 40, 341.	0.4	3
3	Irrigated agricultural development in northern Australia: Value-chain challenges and opportunities. Agricultural Systems, 2017, 155, 116-125.	3.2	26
4	Modeling the Impacts of Disruptive Technologies and Pricing on Electricity Consumption. , 2016, , 211-230.		1
5	Modelling impact of PV battery systems on energy consumption and bill savings of Australian houses under alternative tariff structures. Renewable Energy, 2016, 89, 317-330.	4.3	60
6	Simulating Vulnerability in Victoria's Fruit and Vegetable Supply Chain. Profiles in Operations Research, 2015, , 179-200.	0.3	0
7	TRANSIT â€" A model for simulating infrastructure and policy interventions in agriculture logistics: Application to the northern Australia beef industry. Computers and Electronics in Agriculture, 2015, 114, 32-42.	3.7	12
8	Statistical modeling of Electric Vehicle electricity consumption in the Victorian EV Trial, Australia. Transportation Research, Part D: Transport and Environment, 2014, 32, 263-277.	3.2	56
9	Electric Vehicles. , 2014, , 335-355.		2
10	Forecasting uptake of retrofit packages in office building stock under government incentives. Energy Policy, 2014, 65, 501-511.	4.2	23
11	Spatio-temporal modelling of electric vehicle charging demand and impacts on peak household electrical load. Sustainability Science, 2014, 9, 61-76.	2.5	44
12	Optimal location of spelling yards for the northern Australian beef supply chain. Computers and Electronics in Agriculture, 2014, 102, 134-145.	3.7	11
13	Modelling future uptake of solar photo-voltaics and water heaters under different government incentives. Technological Forecasting and Social Change, 2014, 83, 142-155.	6.2	25
14	Modelling future uptake of distributed energy resources under alternative tariff structures. Energy, 2014, 74, 455-463.	4.5	11
15	Directing urban development to the right places: Assessing the impact of urban development on water quality in an estuarine environment. Landscape and Urban Planning, 2013, 113, 62-77.	3.4	11
16	Evaluating intervention options to achieve environmental benefits in the residential sector. Sustainability Science, 2013, 8, 25-36.	2.5	8
17	A framework for optimising capital investment and operations in livestock logistics. Rangeland Journal, 2013, 35, 181.	0.4	10
18	Combining choice modelling and multi-criteria analysis for technology diffusion: An application to the uptake of electric vehicles. Technological Forecasting and Social Change, 2012, 79, 1399-1412.	6.2	80

#	ARTICLE	IF	CITATIONS
19	Spending Environmental Expenditure More Effectively: A Case Study from Brisbane, Australia. Environmental Modeling and Assessment, 2012, 17, 315-324.	1.2	3
20	Modelling intervention options to reduce GHG emissions in housing stock â€" A diffusion approach. Technological Forecasting and Social Change, 2011, 78, 621-634.	6.2	31
21	A Multi Criteria Knapsack Solution to Optimise Natural Resource Management Project Selection. Lecture Notes in Economics and Mathematical Systems, 2010, , 47-55.	0.3	2
22	A method for comprehending and adapting complex supply chains in agriculture. Journal on Chain and Network Science, 2009, 9, 9-15.	1.6	14
23	Is getting a conservation model used more important than getting it accurate?. Biological Conservation, 2009, 142, 699-700.	1.9	8
24	Evaluating water quality investments using cost utility analysis. Journal of Environmental Management, 2008, 88, 1601-1610.	3.8	27
25	A comparison of multiple criteria analysis techniques for water resource management. European Journal of Operational Research, 2008, 184, 255-265.	3.5	320
26	A Stochastic Non-linear Programming Model for a Multi-period Water Resource Allocation with Multiple Objectives. Water Resources Management, 2008, 22, 1445-1460.	1.9	38
27	Targeting conservation payments to achieve multiple outcomes. Biological Conservation, 2008, 141, 2368-2375.	1.9	24
28	Evaluating alternate strategic options for agricultural value chains. Journal on Chain and Network Science, 2008, 8, 131-141.	1.6	9
29	Portfolio optimisation of water management investments. , 2008, , 423-437.		0
30	Opportunities for value chain research in sugar industries. Agricultural Systems, 2007, 94, 611-621.	3.2	73
31	Optimisation and the selection of conservation contracts. Australian Journal of Agricultural and Resource Economics, 2007, 51, 39-56.	1.3	47
32	Scheduling of road vehicles in sugarcane transport: A case study at an Australian sugar mill. European Journal of Operational Research, 2006, 170, 987-1000.	3.5	51
33	A simulation model for capacity planning in sugarcane transport. Computers and Electronics in Agriculture, 2005, 47, 85-102.	3.7	45
34	A framework for integrating a complex harvesting and transport system for sugar production. Agricultural Systems, 2004, 82, 99-115.	3.2	65