Arend Ligtenberg

List of Publications by Year
in descending order

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37 papers	1,362 citations	471509 17 h-index	414414 32 g-index
37 all docs	37 docs citations	37 times ranked	1704 citing authors

#	Article	IF	Citations
1	Land use and climate change effects on water yield from East African forested water towers. Hydrology and Earth System Sciences, 2021, 25, 5641-5665.	4.9	22
2	Changing opinion, knowledge, skill and behaviour of Vietnamese shrimp farmers by using serious board games. Journal of Agricultural Education and Extension, 2020, 26, 203-221.	2.2	5
3	Sustainable Agroforestry Landscape Management: Changing the Game. Land, 2020, 9, 243.	2.9	37
4	Serious gaming as a tool to facilitate inclusive business; a review of untapped potential. Current Opinion in Environmental Sustainability, 2019, 41, 31-37.	6.3	17
5	External shocks, agent interactions, and endogenous feedbacks â€" Investigating system resilience with a stylized land use model. Ecological Complexity, 2019, 40, 100765.	2.9	8
6	Conceptualizing Serious Games as a Learning-Based Intervention in the Context of Natural Resources and Environmental Governance. Water (Switzerland), 2019, 11, 245.	2.7	48
7	An Investigation of the Role of Social Dynamics in Conversion to Sustainable Integrated Mangroveâ€Shrimp Farming in Ben Tre Province, Vietnam. Singapore Journal of Tropical Geography, 2018, 39, 421-437.	0.9	10
8	Roles and drivers of agribusiness shaping <scp>C</scp>limateâ€<scp>S</scp>mart <scp>L</scp>andscapes: A review. Sustainable Development, 2018, 26, 533-543.	12.5	15
9	The social side of spatial decision support systems: Investigating knowledge integration and learning. Environmental Science and Policy, 2017, 76, 177-184.	4.9	34
10	Resilience through adaptation. PLoS ONE, 2017, 12, e0171833.	2.5	10
11	Feature Selection as a Time and Cost-Saving Approach for Land Suitability Classification (Case Study of) Tj ETQq1 1 0.784314 rgBT /Ove	3.1	15
12	How Are Feedbacks Represented in Land Models?. Land, 2016, 5, 29.	2.9	8
13	A role-playing game as a tool to facilitate social learning and collective action towards Climate Smart Agriculture: Lessons learned from ApuÃ, Brazil. Environmental Science and Policy, 2016, 63, 113-121.	4.9	53
14	REDD+ and climate smart agriculture in landscapes: A case study in Vietnam using companion modelling. Journal of Environmental Management, 2016, 172, 58-70.	7.8	34
15	Which Sensitivity Analysis Method Should I Use for My Agent-Based Model?. Jasss, 2016, 19, .	1.8	125
16	How is Spatial Information Used in Environmental Impact Assessment in Kenya?. Journal of Environmental Assessment Policy and Management, 2015, 17, 1550031.	7.9	2
17	Combining participatory approaches and an agent-based model for better planning shrimp aquaculture. Agricultural Systems, 2015, 141, 149-159.	6.1	24
18	Simulating Opinion Dynamics in Land Use Planning. Advances in Intelligent Systems and Computing, 2014, , 271-282.	0.6	0

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19	Spatial information during public participation within environmental impact assessment in Kenya. Impact Assessment and Project Appraisal, 2013, 31, 261-270.	1.8	3
20	Trends in consultation and public participation within environmental impact assessment in Kenya. Impact Assessment and Project Appraisal, 2012, 30, 130-135.	1.8	14
21	Exploring visitor movement patterns in natural recreational areas. Tourism Management, 2012, 33, 672-682.	9.8	137
22	SimLandScape, a sketching tool for collaborative spatial planning. Urban Design International, 2011, 16, 7-18.	2.8	5
23	An agent-based approach to model land-use change at a regional scale. Landscape Ecology, 2010, 25, 185-199.	4.2	198
24	Validation of an agent-based model for spatial planning: A role-playing approach. Computers, Environment and Urban Systems, 2010, 34, 424-434.	7.1	46
25	Interactive location-based services: problems and perspectives on the example of a cultural site. Journal of Location Based Services, 2010, 4, 105-119.	1.9	1
26	Socio-technical PSS development to improve functionality and usabilityâ€"Sketch planning using a Maptable. Landscape and Urban Planning, 2010, 94, 166-174.	7.5	46
27	Effects of farmersâ€™ decisions on the landscape structure of a Dutch rural region: An agent-based approach. Landscape and Urban Planning, 2010, 97, 98-110.	7.5	64
28	The Proâ€™s and Contraâ€™s of an Interactive Location Based Service Using UMTS Transmission. , 2010, , 111-123.		0
29	Sensing a Changing World. Sensors, 2009, 9, 6819-6822.	3.8	3
30	The Role of a Multitier Ontological Framework in Reasoning to Discover Meaningful Patterns of Sustainable Mobility. Chapman & Hall/CRC Data Mining and Knowledge Discovery Series, 2009, , 367-387.	0.2	0
31	Simulating Knowledge Sharing in Spatial Planning: An Agent-Based Approach. Environment and Planning B: Planning and Design, 2009, 36, 644-663.	1.7	26
32	Enhancing the Experience of the Landscape: The Digital Dowsing Rod. Lecture Notes in Geoinformation and Cartography, 2009, , 239-261.	1.0	0
33	A GIS-based support tool for sustainable spatial planning in metropolitan areas. Landscape and Urban Planning, 2007, 80, 72-83.	7.5	72
34	Using Multi-Agent Systems for GKD Process Tracking and Steering. , 2005, , 223-242.		1
35	A design and application of a multi-agent system for simulation of multi-actor spatial planning. Journal of Environmental Management, 2004, 72, 43-55.	7.8	124
36	STEPP: A Strategic Tool for Integrating Environmental Aspects into Planning Procedures. Advances in Spatial Science, 2003, , 139-154.	0.6	5

#	Article	IF	Citations
37	Multi-actor-based land use modelling: spatial planning using agents. Landscape and Urban Planning, 2001, 56, 21-33.	7.5	150