

# Arend Ligtenberg

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3398137/publications.pdf>

Version: 2024-02-01

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	An agent-based approach to model land-use change at a regional scale. <i>Landscape Ecology</i> , 2010, 25, 185-199.	4.2	198
2	Multi-actor-based land use modelling: spatial planning using agents. <i>Landscape and Urban Planning</i> , 2001, 56, 21-33.	7.5	150
3	Exploring visitor movement patterns in natural recreational areas. <i>Tourism Management</i> , 2012, 33, 672-682.	9.8	137
4	Which Sensitivity Analysis Method Should I Use for My Agent-Based Model?. <i>Jasss</i> , 2016, 19, .	1.8	125
5	A design and application of a multi-agent system for simulation of multi-actor spatial planning. <i>Journal of Environmental Management</i> , 2004, 72, 43-55.	7.8	124
6	A GIS-based support tool for sustainable spatial planning in metropolitan areas. <i>Landscape and Urban Planning</i> , 2007, 80, 72-83.	7.5	72
7	Effects of farmers' decisions on the landscape structure of a Dutch rural region: An agent-based approach. <i>Landscape and Urban Planning</i> , 2010, 97, 98-110.	7.5	64
8	A role-playing game as a tool to facilitate social learning and collective action towards Climate Smart Agriculture: Lessons learned from Apuá, Brazil. <i>Environmental Science and Policy</i> , 2016, 63, 113-121.	4.9	53
9	Conceptualizing Serious Games as a Learning-Based Intervention in the Context of Natural Resources and Environmental Governance. <i>Water (Switzerland)</i> , 2019, 11, 245.	2.7	48
10	Validation of an agent-based model for spatial planning: A role-playing approach. <i>Computers, Environment and Urban Systems</i> , 2010, 34, 424-434.	7.1	46
11	Socio-technical PSS development to improve functionality and usability"Sketch planning using a Maptable. <i>Landscape and Urban Planning</i> , 2010, 94, 166-174.	7.5	46
12	Sustainable Agroforestry Landscape Management: Changing the Game. <i>Land</i> , 2020, 9, 243.	2.9	37
13	REDD+ and climate smart agriculture in landscapes: A case study in Vietnam using companion modelling. <i>Journal of Environmental Management</i> , 2016, 172, 58-70.	7.8	34
14	The social side of spatial decision support systems: Investigating knowledge integration and learning. <i>Environmental Science and Policy</i> , 2017, 76, 177-184.	4.9	34
15	Simulating Knowledge Sharing in Spatial Planning: An Agent-Based Approach. <i>Environment and Planning B: Planning and Design</i> , 2009, 36, 644-663.	1.7	26
16	Combining participatory approaches and an agent-based model for better planning shrimp aquaculture. <i>Agricultural Systems</i> , 2015, 141, 149-159.	6.1	24
17	Land use and climate change effects on water yield from East African forested water towers. <i>Hydrology and Earth System Sciences</i> , 2021, 25, 5641-5665.	4.9	22
18	Serious gaming as a tool to facilitate inclusive business; a review of untapped potential. <i>Current Opinion in Environmental Sustainability</i> , 2019, 41, 31-37.	6.3	17

#	ARTICLE	IF	CITATIONS
19	Feature Selection as a Time and Cost-Saving Approach for Land Suitability Classification (Case Study of) Tj ETQq1 1,0.784314rgBT /Ove	3.1	15
20	Roles and drivers of agribusiness shaping <scp>C</scp>climate&#x2013;<scp>S</scp>mart <scp>L</scp>andscapes: A review. Sustainable Development, 2018, 26, 533-543.	12.5	15
21	Trends in consultation and public participation within environmental impact assessment in Kenya. Impact Assessment and Project Appraisal, 2012, 30, 130-135.	1.8	14
22	An Investigation of the Role of Social Dynamics in Conversion to Sustainable Integrated Mangrove&#x2013;Shrimp Farming in Ben Tre Province, Vietnam. Singapore Journal of Tropical Geography, 2018, 39, 421-437.	0.9	10
23	Resilience through adaptation. PLoS ONE, 2017, 12, e0171833.	2.5	10
24	How Are Feedbacks Represented in Land Models?. Land, 2016, 5, 29.	2.9	8
25	External shocks, agent interactions, and endogenous feedbacks &#x201c; Investigating system resilience with a stylized land use model. Ecological Complexity, 2019, 40, 100765.	2.9	8
26	SimLandScape, a sketching tool for collaborative spatial planning. Urban Design International, 2011, 16, 7-18.	2.8	5
27	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
28	STEPP: A Strategic Tool for Integrating Environmental Aspects into Planning Procedures. Advances in Spatial Science, 2003, , 139-154.	0.6	5
29	Sensing a Changing World. Sensors, 2009, 9, 6819-6822.	3.8	3
30	Spatial information during public participation within environmental impact assessment in Kenya. Impact Assessment and Project Appraisal, 2013, 31, 261-270.	1.8	3
31	How is Spatial Information Used in Environmental Impact Assessment in Kenya?. Journal of Environmental Assessment Policy and Management, 2015, 17, 1550031.	7.9	2
32	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
33	Using Multi-Agent Systems for GKD Process Tracking and Steering. , 2005, , 223-242.		1
34	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
35	The Pro&#x201c; and Contra&#x201c; of an Interactive Location Based Service Using UMTS Transmission. , 2010, , 111-123.		0
36	Simulating Opinion Dynamics in Land Use Planning. Advances in Intelligent Systems and Computing, 2014, , 271-282.	0.6	0

#	ARTICLE	IF	CITATIONS
37	Enhancing the Experience of the Landscape: The Digital Dowsing Rod. Lecture Notes in Geoinformation and Cartography, 2009, , 239-261.	1.0	0