Roman Seidl

List of Publications by Year
in descending order

45 papers	1,100 citations	393982 19 h-index	414034 32 g-index
48 all docs	48 docs citations	48 times ranked	1616 citing authors

#	Article	IF	Citations
1	Representation of decision-making in European agricultural agent-based models. Agricultural Systems, 2018, 167, 143-160.	3.2	108
2	Distributed energy systems on a neighborhood scale: Reviewing drivers of and barriers to social acceptance. Renewable and Sustainable Energy Reviews, 2018, 82, 2618-2628.	8.2	97
3	Science with Society in the Anthropocene. Ambio, 2013, 42, 5-12.	2.8	93
4	An integrated community and ecosystem-based approach to disaster risk reduction in mountain systems. Environmental Science and Policy, 2019, 94, 143-152.	2.4	76
5	Feedback loops and types of adaptation in the modelling of land-use decisions in an agent-based simulation. Environmental Modelling and Software, 2012, 27-28, 83-96.	1.9	66
6	Catalyzing Transformations to Sustainability in the World's Mountains. Earth's Future, 2019, 7, 547-557.	2.4	65
7	Interdisciplinary Collaboration between Natural and Social Sciences â€“ Status and Trends Exemplified in Groundwater Research. PLoS ONE, 2017, 12, e0170754.	1.1	47
8	Sustainable Land Use in Mountain Regions Under Global Change: Synthesis Across Scales and Disciplines. Ecology and Society, 2013, 18, .	1.0	42
9	Perceived Risk and Benefit of Nuclear Waste Repositories: Four Opinion Clusters. Risk Analysis, 2013, 33, 1038-1048.	1.5	40
10	Affect-inducing risk communication: current knowledge and future directions. Journal of Risk Research, 2012, 15, 257-271.	1.4	39
11	Modeling Social-Ecological Feedback Effects in the Implementation of Payments for Environmental Services in Pasture-Woodlands. Ecology and Society, 2013, 18, .	1.0	38
12	A functional-dynamic reflection on participatory processes in modeling projects. Ambio, 2015, 44, 750-765.	2.8	38
13	Social acceptance of distributed energy systems in Swiss, German, and Austrian energy transitions. Energy Research and Social Science, 2019, 54, 117-128.	3.0	36
14	Constructing Consistent Multiscale Scenarios by Transdisciplinary Processes: the Case of Mountain Regions Facing Global Change. Ecology and Society, 2013, 18, .	1.0	35
15	A systematic review of participatory scenario planning to envision mountain social-ecological systems futures. Ecology and Society, 2020, 25, .	1.0	30
16	Linking scientific disciplines: Hydrology and social sciences. Journal of Hydrology, 2017, 550, 441-452.	2.3	28
17	Evaluation of river restoration by local residents. Water Resources Research, 2013, 49, 7077-7087.	1.7	24
18	The precarious consensus on the importance of energy security: Contrasting views between Swiss energy users and experts. Renewable and Sustainable Energy Reviews, 2015, 52, 927-936.	8.2	21

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19	Transitions of municipal solid waste management. Part I: Scenarios of Swiss waste glass-packaging disposal. Resources, Conservation and Recycling, 2013, 74, 8-19.	5.3	20
20	The discursive politics of nuclear waste: Rethinking participatory approaches and public perceptions over nuclear waste storage repositories in Switzerland. Energy Research and Social Science, 2017, 34, 72-81.	3.0	18
21	Inter- and transdisciplinary perspective on the integration of ecological processes into ecosystem services analysis in a mountain region. Ecological Processes, 2014, 3, .	1.6	17
22	Psychological factors in discounting negative impacts of nuclear waste. Journal of Environmental Psychology, 2013, 35, 121-131.	2.3	13
23	Navigating behavioral energy sufficiency. Results from a survey in Swiss cities on potential behavior change. PLoS ONE, 2017, 12, e0185963.	1.1	12
24	How to successfully publish interdisciplinary research: learning from an Ecology and Society Special Feature. Ecology and Society, 2015, 20, .	1.0	11
25	Promoting energy-saving behaviour: formal social groups as promising middle actors for municipal interventions. Energy Efficiency, 2017, 10, 1539-1551.	1.3	11
26	Public preference of electricity options before and after Fukushima. Journal of Integrative Environmental Sciences, 2014, 11, 1-15.	1.0	10
27	Teaming up for sustainability: Promoting sustainable mobility behaviour through sports clubs in Switzerland. Energy Research and Social Science, 2019, 53, 89-97.	3.0	10
28	Identifying Stakeholdersâ€™ Views on the Ecoâ€efficiency Assessment of a Municipal Solid Waste Management System. Journal of Industrial Ecology, 2015, 19, 490-503.	2.8	9
29	Values in the siting of contested infrastructure: the case of repositories for nuclear waste. Journal of Integrative Environmental Sciences, 2013, 10, 107-125.	1.0	8
30	Global change impacts on the Upper Danube Catchment (Central Europe): a study of participatory modeling. Regional Environmental Change, 2016, 16, 1595-1611.	1.4	8
31	Simulating Personal Carbon Trading (PCT) with an Agent-Based Model (ABM): Investigating Adaptive Reduction Rates and Path Dependence. Energies, 2021, 14, 7497.	1.6	5
32	Sharp discrepancies between nuclear and conventional toxic waste: Technical analysis and public perception. Journal of Hazardous Materials, 2021, 414, 125422.	6.5	4
33	Opinion Communication on Contested Topics: How Empirics and Arguments can Improve Social Simulation. Jasss, 2017, 20, .	1.0	4
34	The role of trust and risk perception in current German nuclear waste management. Risk Analysis, 2022, 42, 2704-2719.	1.5	4
35	Behavioural economics for energy and climate change policies and the transition to a sustainable energy useâ€”A Scandinavian perspective. , 2020, , 45-87.		3
36	Integrated systems modeling of complex humanâ€“environment systems. , 2011, , 341-372.		2

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37	Opinions on contested energy infrastructures: An empirically based simulation approach. Journal of Environmental Psychology, 2017, 52, 204-217.	2.3	2
38	Exploring the role of positive direct experience in the adoption of energy efficient technologies: evidence from a Swiss field study on the promotion of low-flow showerheads. PLoS ONE, 2020, 15, e0230255.	1.1	2
39	Modelling Risk Perception and Indicators of Psychosocial Sustainability in Private Households: The Risk Perception Module in DeepHousehold. , 2016, , 347-353.		2
40	Diffusion of Water-Saving Technologies in Private Households: The Innovation Module of DeepHousehold. , 2016, , 339-346.		1
41	A citizens workgroup helps researchers reflect on their work. , 0, 1, 211-213.		1
42	ReversibilitÃt im Kontext der Entsorgung hochradioaktiver AbfÃlle. Edition Politik, 2021, , 301-324.	0.0	0
43	Expert*innendissens und das reversible Verfahren der Suche nach einem Endlagerstandort fÃ¼r hochradioaktive AbfÃlle. Edition Politik, 2021, , 325-348.	0.0	0
44	Modelled Domestic Water Demand 2: The DeepHousehold Decision Model. , 2016, , 331-337.		0
45	Public opinion in the site selection process: survey methodologies. , 0, 1, 305-306.		0