

Judit Lienert

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

57
papers

3,340
citations

31
h-index

57
g-index

69
ext. papers

3,788
ext. citations

5.6
avg, IF

5.67
L-index

#	Paper	IF	Citations
57	Environmental toxicology and risk assessment of pharmaceuticals from hospital wastewater. <i>Water Research</i> , 2011 , 45, 75-92	12.5	353
56	Screening method for ecotoxicological hazard assessment of 42 pharmaceuticals considering human metabolism and excretory routes. <i>Environmental Science & Technology</i> , 2007 , 41, 4471-8	10.3	242
55	Source separation: will we see a paradigm shift in wastewater handling?. <i>Environmental Science & Technology</i> , 2009 , 43, 6121-5	10.3	204
54	Structuring problems for Multi-Criteria Decision Analysis in practice: A literature review of method combinations. <i>European Journal of Operational Research</i> , 2017 , 263, 1-17	5.6	183
53	Stakeholder analysis combined with social network analysis provides fine-grained insights into water infrastructure planning processes. <i>Journal of Environmental Management</i> , 2013 , 125, 134-48	7.9	158
52	How to avoid pharmaceuticals in the aquatic environment. <i>Journal of Biotechnology</i> , 2004 , 113, 295-304	3.7	156
51	Habitat fragmentation effects on fitness of plant populations – a review. <i>Journal for Nature Conservation</i> , 2004 , 12, 53-72	2.3	154
50	Comparative ecotoxicological hazard assessment of beta-blockers and their human metabolites using a mode-of-action-based test battery and a QSAR approach. <i>Environmental Science & Technology</i> , 2006 , 40, 7402-8	10.3	149
49	Reducing micropollutants with source control: substance flow analysis of 212 pharmaceuticals in faeces and urine. <i>Water Science and Technology</i> , 2007 , 56, 87-96	2.2	144
48	High acceptance of urine source separation in seven European countries: a review. <i>Environmental Science & Technology</i> , 2010 , 44, 556-66	10.3	109
47	Tackling uncertainty in multi-criteria decision analysis – An application to water supply infrastructure planning. <i>European Journal of Operational Research</i> , 2015 , 242, 243-260	5.6	88
46	The conceptual foundation of environmental decision support. <i>Journal of Environmental Management</i> , 2015 , 154, 316-32	7.9	84
45	Habitat fragmentation affects the common wetland specialist <i>Primula farinosa</i> in north-east Switzerland. <i>Journal of Ecology</i> , 2003 , 91, 587-599	6	75
44	Source Separation and Decentralization for Wastewater Management 2013 ,		71
43	Strategic rehabilitation planning of piped water networks using multi-criteria decision analysis. <i>Water Research</i> , 2014 , 49, 124-43	12.5	63
42	Local extinctions of the wetland specialist <i>Swertia perennis</i> L. (Gentianaceae) in Switzerland: a revisitation study based on herbarium records. <i>Biological Conservation</i> , 2002 , 103, 65-76	6.2	59
41	Multiple-criteria decision analysis reveals high stakeholder preference to remove pharmaceuticals from hospital wastewater. <i>Environmental Science & Technology</i> , 2011 , 45, 3848-57	10.3	58

40	Methodological aspects of multi-criteria decision analysis for policy support: A case study on pharmaceutical removal from hospital wastewater. <i>European Journal of Operational Research</i> , 2012 , 220, 472-483	5.6	56
39	Isozyme variability of the wetland specialist <i>Swertia perennis</i> (Gentianaceae) in relation to habitat size, isolation, and plant fitness. <i>American Journal of Botany</i> , 2002 , 89, 801-11	2.7	56
38	Climate change and the willingness to pay to reduce ecological and health risks from wastewater flooding in urban centers and the environment. <i>Ecological Economics</i> , 2014 , 98, 1-10	5.6	54
37	Structured decision-making for sustainable water infrastructure planning and four future scenarios. <i>EURO Journal on Decision Processes</i> , 2015 , 3, 107-140	1.1	51
36	Future scenarios for a sustainable water sector: a case study from Switzerland. <i>Environmental Science & Technology</i> , 2006 , 40, 436-42	10.3	50
35	Effects of habitat fragmentation on population structure and fitness components of the wetland specialist <i>Swertia perennis</i> L. (Gentianaceae). <i>Basic and Applied Ecology</i> , 2002 , 3, 101-114	3.2	48
34	Nutrient cycles and resource management: implications for the choice of wastewater treatment technology. <i>Water Science and Technology</i> , 2007 , 56, 229-37	2.2	45
33	Are objectives hierarchy related biases observed in practice? A meta-analysis of environmental and energy applications of Multi-Criteria Decision Analysis. <i>European Journal of Operational Research</i> , 2018 , 265, 178-194	5.6	44
32	A Research Agenda for the Future of Urban Water Management: Exploring the Potential of Nongrid, Small-Grid, and Hybrid Solutions. <i>Environmental Science & Technology</i> , 2020 , 54, 5312-5322 ^{10.3}		43
31	Pilot experiments with electrodialysis and ozonation for the production of a fertiliser from urine. <i>Water Science and Technology</i> , 2007 , 56, 219-27	2.2	41
30	A review of water-related serious games to specify use in environmental Multi-Criteria Decision Analysis. <i>Environmental Modelling and Software</i> , 2018 , 105, 64-78	5.2	40
29	A scenario-based MCDA framework for wastewater infrastructure planning under uncertainty. <i>Journal of Environmental Management</i> , 2016 , 183, 895-908	7.9	38
28	Real-life efficiency of urine source separation. <i>Journal of Environmental Management</i> , 2009 , 90, 1909-17	7.9	35
27	How to make river assessments comparable: A demonstration for hydromorphology. <i>Ecological Indicators</i> , 2013 , 32, 264-275	5.8	33
26	Charting a path for innovative toilet technology using multicriteria decision analysis. <i>Environmental Science & Technology</i> , 2008 , 42, 1855-62	10.3	31
25	Experimental inbreeding reduces seed production and germination independent of fragmentation of populations of <i>Swertia perennis</i> . <i>Basic and Applied Ecology</i> , 2004 , 5, 43-52	3.2	31
24	Considering user attitude in early Development of environmentally friendly technology: a case study of NoMix toilets. <i>Environmental Science & Technology</i> , 2006 , 40, 4838-44	10.3	28
23	Meeting the Challenges of Transdisciplinary Knowledge Production for Sustainable Water Governance. <i>Mountain Research and Development</i> , 2013 , 33, 234-247	1.4	23

22	Preference stability over time with multiple elicitation methods to support wastewater infrastructure decision-making. <i>European Journal of Operational Research</i> , 2016 , 253, 746-760	5.6	22
21	Methods to inform the development of concise objectives hierarchies in multi-criteria decision analysis. <i>European Journal of Operational Research</i> , 2019 , 277, 604-620	5.6	20
20	Mixture toxicity of the antiviral drug Tamiflu((R)) (oseltamivir ethylester) and its active metabolite oseltamivir acid. <i>Aquatic Toxicology</i> , 2010 , 96, 194-202	5.1	19
19	A mixed-methods approach to strategic planning for multi-benefit regional water infrastructure. <i>Journal of Environmental Management</i> , 2019 , 233, 218-237	7.9	19
18	Comparing multi-criteria decision analysis and integrated assessment to support long-term water supply planning. <i>PLoS ONE</i> , 2017 , 12, e0176663	3.7	18
17	Four Common Simplifications of Multi-Criteria Decision Analysis do not hold for River Rehabilitation. <i>PLoS ONE</i> , 2016 , 11, e0150695	3.7	18
16	Soft Paths in Wastewater Management □The Pros and Cons of Urine Source Separation. <i>Gaia</i> , 2007 , 16, 280-288	1.4	17
15	Gamified online survey to elicit citizens□preferences and enhance learning for environmental decisions. <i>Environmental Modelling and Software</i> , 2019 , 111, 1-12	5.2	17
14	Towards a New Paradigm of Urban Water Infrastructure: Identifying Goals and Strategies to Support Multi-Benefit Municipal Wastewater Treatment. <i>Water (Switzerland)</i> , 2018 , 10, 1127	3	15
13	Stakeholder interviews with two MAVT preference elicitation philosophies in a Swiss water infrastructure decision: Aggregation using SWING-weighting and disaggregation using UTAGMS. <i>European Journal of Operational Research</i> , 2018 , 267, 273-287	5.6	12
12	Identifying non-additive multi-attribute value functions based on uncertain indifference statements. <i>Omega</i> , 2019 , 85, 49-67	7.2	10
11	Decision support in urban water management based on generic scenarios: the example of NoMix technology. <i>Journal of Environmental Management</i> , 2010 , 91, 2676-87	7.9	10
10	Identifying relevant objectives in environmental management decisions: An application to a national monitoring program for river restoration. <i>Ecological Indicators</i> , 2019 , 101, 851-866	5.8	10
9	Young users accept NoMix toilets--a questionnaire survey on urine source separating toilets in a college in Switzerland. <i>Water Science and Technology</i> , 2006 , 54, 403-12	2.2	8
8	Enhancing the elicitation of diverse decision objectives for public planning. <i>European Journal of Operational Research</i> , 2019 , 279, 912-928	5.6	7
7	Integrating uncertainty of preferences and predictions in decision models: An application to regional wastewater planning. <i>Journal of Environmental Management</i> , 2019 , 252, 109652	7.9	7
6	Recommendations for online elicitation of swing weights from citizens in environmental decision-making. <i>Operations Research Perspectives</i> , 2020 , 7, 100156	2.1	4
5	Predicting the Ecotoxicological Effects of Transformation Products. <i>Handbook of Environmental Chemistry</i> , 2008 , 205-244	0.8	3

4	Creating effective flood warnings: A framework from a critical review. <i>Journal of Hydrology</i> , 2021 , 602, 126708	6	3
3	Testing Fairness Principles for Public Environmental Infrastructure Decisions. <i>Group Decision and Negotiation</i> , 2021 , 30, 611-640	2.5	1
2	ValueDecisions, a web app to support decisions with conflicting objectives, multiple stakeholders, and uncertainty. <i>Environmental Modelling and Software</i> , 2022 , 150, 105361	5.2	0
1	Editorial featured papers on environmental decisions. <i>EURO Journal on Decision Processes</i> , 2019 , 7, 151-157	15.7	0