

Steven Broekx

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2411839/publications.pdf>

Version: 2024-02-01

41
papers

2,177
citations

218677

26
h-index

345221

36
g-index

42
all docs

42
docs citations

42
times ranked

3066
citing authors

#	ARTICLE	IF	CITATIONS
1	Modelling instantaneous traffic emission and the influence of traffic speed limits. <i>Science of the Total Environment</i> , 2006, 371, 270-285.	8.0	280
2	A review of Bayesian belief networks in ecosystem service modelling. <i>Environmental Modelling and Software</i> , 2013, 46, 1-11.	4.5	268
3	Using on-board logging devices to study the longer-term impact of an eco-driving course. <i>Transportation Research, Part D: Transport and Environment</i> , 2009, 14, 514-520.	6.8	224
4	A dynamic activity-based population modelling approach to evaluate exposure to air pollution: Methods and application to a Dutch urban area. <i>Environmental Impact Assessment Review</i> , 2009, 29, 179-185.	9.2	112
5	Coupling a hydrological water quality model and an economic optimization model to set up a cost-effective emission reduction scenario for nitrogen. <i>Environmental Modelling and Software</i> , 2011, 26, 44-51.	4.5	72
6	The costs of breast cancer prior to and following diagnosis. <i>European Journal of Health Economics</i> , 2011, 12, 311-317.	2.8	63
7	Developing a value function for nature development and land use policy in Flanders, Belgium. <i>Land Use Policy</i> , 2013, 30, 549-559.	5.6	63
8	Designing a long-term flood risk management plan for the Scheldt estuary using a risk-based approach. <i>Natural Hazards</i> , 2011, 57, 245-266.	3.4	62
9	Commuting by bike in Belgium, the costs of minor accidents. <i>Accident Analysis and Prevention</i> , 2010, 42, 2149-2157.	5.7	59
10	Bayesian belief networks to analyse trade-offs among ecosystem services at the regional scale. <i>Ecological Indicators</i> , 2016, 71, 327-335.	6.3	55
11	Accounting for land-use efficiency and temporal variations between brownfield remediation alternatives in life-cycle assessment. <i>Journal of Cleaner Production</i> , 2015, 101, 109-117.	9.3	51
12	Valuing urban ecosystem services in sustainable brownfield redevelopment. <i>Ecosystem Services</i> , 2019, 35, 139-149.	5.4	50
13	Benefits of clearing forest plantations to restore nature? Evidence from a discrete choice experiment in Flanders, Belgium. <i>Landscape and Urban Planning</i> , 2014, 125, 65-75.	7.5	49
14	Contrasting collective preferences for outdoor recreation and substitutability of nature areas using hot spot mapping. <i>Landscape and Urban Planning</i> , 2016, 151, 64-78.	7.5	49
15	A GIS plug-in for Bayesian belief networks: Towards a transparent software framework to assess and visualise uncertainties in ecosystem service mapping. <i>Environmental Modelling and Software</i> , 2015, 71, 30-38.	4.5	48
16	Outdoor recreation in various landscapes: Which site characteristics really matter?. <i>Land Use Policy</i> , 2017, 65, 186-197.	5.6	46
17	Driving with intelligent speed adaptation: Final results of the Belgian ISA-trial. <i>Transportation Research, Part A: Policy and Practice</i> , 2007, 41, 267-279.	4.2	44
18	A web application to support the quantification and valuation of ecosystem services. <i>Environmental Impact Assessment Review</i> , 2013, 40, 65-74.	9.2	42

#	ARTICLE	IF	CITATIONS
19	An ecosystem service approach to support integrated pond management: A case study using Bayesian belief networks “ Highlighting opportunities and risks. <i>Journal of Environmental Management</i> , 2014, 145, 79-87.	7.8	42
20	Sustainability appraisal tools for soil and groundwater remediation: How is the choice of remediation alternative influenced by different sets of sustainability indicators and tool structures?. <i>Science of the Total Environment</i> , 2014, 470-471, 954-966.	8.0	41
21	The importance of uncertainties in scenario analyses “ A study on future ecosystem service delivery in Flanders. <i>Science of the Total Environment</i> , 2016, 553, 504-518.	8.0	34
22	Limits to active transport substitution of short car trips. <i>Transportation Research, Part D: Transport and Environment</i> , 2013, 22, 10-13.	6.8	33
23	Mapping and assessing ecosystem services in the EU - Lessons learned from the ESERALDA approach of integration. <i>One Ecosystem</i> , 0, 3, .	0.0	33
24	Ecosystem services mapping and assessment for policy- and decision-making: Lessons learned from a comparative analysis of European case studies. <i>One Ecosystem</i> , 0, 5, .	0.0	33
25	Integration of the subsurface and the surface sectors for a more holistic approach for sustainable redevelopment of urban brownfields. <i>Science of the Total Environment</i> , 2016, 563-564, 879-889.	8.0	32
26	Identifying Societal Preferences for River Restoration in a Densely Populated Urban Environment: Evidence from a Discrete Choice Experiment in Central Brussels. <i>Environmental Management</i> , 2017, 60, 263-279.	2.7	30
27	Preference heterogeneity and scale heterogeneity in urban river restoration: A comparative study between Brussels and Guangzhou using discrete choice experiments. <i>Landscape and Urban Planning</i> , 2018, 173, 9-22.	7.5	30
28	Impact of Perceived Importance of Ecosystem Services and Stated Financial Constraints on Willingness to Pay for Riparian Meadow Restoration in Flanders (Belgium). <i>Environmental Management</i> , 2014, 54, 346-359.	2.7	29
29	Amenity proximity analysis for sustainable brownfield redevelopment planning. <i>Landscape and Urban Planning</i> , 2018, 171, 68-79.	7.5	26
30	Associations between time spent in green areas and physical activity among late middle-aged adults. <i>Geospatial Health</i> , 2016, 11, 411.	0.8	24
31	Evaluation and comparison of data-driven and knowledge-supported Bayesian Belief Networks to assess the habitat suitability for alien macroinvertebrates. <i>Environmental Modelling and Software</i> , 2015, 74, 92-103.	4.5	22
32	Assessing the impact of grassland management extensification in temperate areas on multiple ecosystem services and biodiversity. <i>Agriculture, Ecosystems and Environment</i> , 2018, 267, 201-212.	5.3	22
33	Testing the Influence of Substitute Sites in Nature Valuation by Using Spatial Discounting Factors. <i>Environmental and Resource Economics</i> , 2017, 66, 17-43.	3.2	21
34	Nitrogen Source Apportionment for the Catchment, Estuary, and Adjacent Coastal Waters of the River Scheldt. <i>Ecology and Society</i> , 2012, 17, .	2.3	18
35	Greening and producing: An economic assessment framework for integrating trees in cropping systems. <i>Agricultural Systems</i> , 2016, 148, 44-57.	6.1	18
36	Integrating Ecosystem Services values for sustainability? Evidence from the Belgium Ecosystem Services community of practice. <i>Ecosystem Services</i> , 2018, 31, 68-76.	5.4	18

#	ARTICLE	IF	CITATIONS
37	Quantification of the potential impact of nature conservation on ecosystem services supply in the Flemish Region: A cascade modelling approach. <i>Ecosystem Services</i> , 2017, 24, 124-137.	5.4	11
38	Monitoring the Impact of Hedgerows and Grass Strips on the Performance of Multiple Ecosystem Service Indicators. <i>Environmental Management</i> , 2018, 62, 241-259.	2.7	11
39	Facilitating spatially-explicit assessments of ecosystem service delivery to support land use planning. <i>One Ecosystem</i> , 0, 5, .	0.0	5
40	Ecosystem Services and Their Monetary Value. , 2013, , 13-28.		4
41	The Ecosystem Services Valuation Tool and its Future Developments. , 2013, , 249-262.		3