

Steven Van Passel

List of Publications by Year in descending order

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Version: 2024-02-01

159
papers

5,339
citations

87723

38
h-index

110170

64
g-index

161
all docs

161
docs citations

161
times ranked

5986
citing authors

#	ARTICLE	IF	CITATIONS
1	Prospective material and substance flow analysis of the end-of-life phase of crystalline silicon-based PV modules. <i>Resources, Conservation and Recycling</i> , 2022, 176, 105917.	5.3	9
2	Five-Year Development Plans of Renewable Energy Policies in Iran: A Content Analysis. <i>Sustainability</i> , 2022, 14, 1501.	1.6	8
3	Market power and sustainability: a new research agenda. <i>Discover Sustainability</i> , 2022, 3, 1.	1.4	4
4	Benefit Segmentation of Tourists to Geosites and Its Implications for Sustainable Development of Geotourism in the Southern Lake Tana Region, Ethiopia. <i>Sustainability</i> , 2022, 14, 3411.	1.6	7
5	HOW DO WESTERN EUROPEAN FARMS BEHAVE AND RESPOND TO CLIMATE CHANGE? A SIMULTANEOUS IRRIGATION-CROP DECISION MODEL. <i>Climate Change Economics</i> , 2022, 13, .	2.9	1
6	The politics of green infrastructure: A discrete choice experiment with Flemish local decision-makers. <i>Ecological Economics</i> , 2022, 199, 107493.	2.9	3
7	Farmers' willingness to contribute to the restoration of an Ethiopian Rift Valley lake: a contingent valuation study. <i>Environment, Development and Sustainability</i> , 2021, 23, 10646-10665.	2.7	11
8	Beyond focus: Exploring variability of service provision of agricultural cooperatives. <i>Annals of Public and Cooperative Economics</i> , 2021, 92, 207-231.	1.3	7
9	Farmers' decision to use drought early warning system in developing countries. <i>Science of the Total Environment</i> , 2021, 758, 142761.	3.9	15
10	Small-scale irrigation expansion along the dam-regulated Tekeze River in Northern Ethiopia. <i>International Journal of Water Resources Development</i> , 2021, 37, 819-840.	1.2	3
11	An integrated techno-sustainability assessment (TSA) framework for emerging technologies. <i>Green Chemistry</i> , 2021, 23, 1700-1715.	4.6	23
12	Agricultural Technical Efficiency of Smallholder Farmers in Ethiopia: A Stochastic Frontier Approach. <i>Land</i> , 2021, 10, 246.	1.2	13
13	Exploring variability across cooperatives: economic performance of agricultural cooperatives in northern Ethiopia. <i>International Food and Agribusiness Management Review</i> , 2021, 24, 397-419.	0.8	16
14	Inventory and Assessment of Geosites for Geotourism Development in the Eastern and Southeastern Lake Tana Region, Ethiopia. <i>Geoheritage</i> , 2021, 13, 1.	1.5	15
15	The conceptualization of societal impacts of landfill mining – A system dynamics approach. <i>Journal of Cleaner Production</i> , 2021, 296, 126351.	4.6	10
16	Accounting for externalities in cross-sectional economic models of climate change impacts. <i>Ecological Economics</i> , 2021, 185, 107058.	2.9	6
17	Optimal timing of multiple investment decisions in a wood value chain: A real options approach. <i>Journal of Environmental Management</i> , 2021, 290, 112590.	3.8	3
18	Techno-economic assessment of mechanical recycling of challenging post-consumer plastic packaging waste. <i>Resources, Conservation and Recycling</i> , 2021, 170, 105607.	5.3	80

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19	Eliciting farmers' preferences and willingness to pay for land use attributes in Northwest Ethiopia: A discrete choice experiment study. <i>Land Use Policy</i> , 2021, 109, 105634.	2.5	9
20	Leasing out unused meeting room capacity to reduce future office space needs: A case study of The Hague, Netherlands. <i>Journal of Building Engineering</i> , 2021, 44, 102953.	1.6	0
21	An attempt to develop ecotourism in an unknown area: the case of Nehbandan County, South Khorasan Province, Iran. <i>Environment, Development and Sustainability</i> , 2021, 23, 11792-11817.	2.7	10
22	Do bottom-up and independent agricultural cooperatives really perform better? Insights from a technical efficiency analysis in Ethiopia. <i>Agrekon</i> , 2020, 59, 93-109.	0.5	6
23	Reducing winter peaks in electricity consumption: A choice experiment to structure demand response programs. <i>Energy Policy</i> , 2020, 137, 111183.	4.2	19
24	Uncovering Ecosystem Services of Expropriated Land: The Case of Urban Expansion in Bahir Dar, Northwest Ethiopia. <i>Land</i> , 2020, 9, 395.	1.2	13
25	Integrated techno-economic assessment of a biorefinery process: The high-end valorization of the lignocellulosic fraction in wood streams. <i>Journal of Cleaner Production</i> , 2020, 266, 122022.	4.6	45
26	A review on learning effects in prospective technology assessment. <i>Renewable and Sustainable Energy Reviews</i> , 2020, 130, 109937.	8.2	49
27	Climate-Smart Agriculture in the Northeast of Brazil: An Integrated Assessment of the Aquaponics Technology. <i>Sustainability</i> , 2020, 12, 3734.	1.6	3
28	Economic performance of pyrolysis of mixed plastic waste: Open-loop versus closed-loop recycling. <i>Journal of Cleaner Production</i> , 2020, 270, 122442.	4.6	85
29	The effect of waste incineration taxation on industrial plastic waste generation: A panel analysis. <i>Resources, Conservation and Recycling</i> , 2020, 157, 104717.	5.3	44
30	Pathways how irrigation water affects crop revenue of smallholder farmers in northwest Ethiopia: A mixed approach. <i>Agricultural Water Management</i> , 2020, 233, 106101.	2.4	16
31	Adaptive capacity of smallholder farmers toward climate change: evidence from Hamadan province in Iran. <i>Climate and Development</i> , 2020, 12, 923-933.	2.2	15
32	Modeling the Impact of Urbanization on Land-Use Change in Bahir Dar City, Ethiopia: An Integrated Cellular Automata-Markov Chain Approach. <i>Land</i> , 2020, 9, 115.	1.2	49
33	Integrating PV+Battery Residential Microgrids in Distribution Networks: How Is the Point of Common Coupling Agreed Upon?. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2020, , 150-164.	0.2	0
34	How to assess the potential of emerging green technologies? Towards a prospective environmental and techno-economic assessment framework. <i>Green Chemistry</i> , 2019, 21, 4868-4886.	4.6	115
35	Big is efficient: Evidence from agricultural cooperatives in Ethiopia. <i>Agricultural Economics (United Tj ETQq1 1 0.784314 rgBT /Overlo</i>	2.0	18
36	What do Recent Assessments Tell Us About the Potential and Challenges of Landfill Mining?. , 2019, , 267-281.		4

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37	Eliciting stakeholder needs – An anticipatory approach assessing enhanced landfill mining. <i>Waste Management</i> , 2019, 98, 113-125.	3.7	12
38	Win-win possibilities through capacity tariffs and battery storage in microgrids. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 113, 109238.	8.2	3
39	The effect of policy leveraging climate change adaptive capacity in agriculture. <i>European Review of Agricultural Economics</i> , 2019, , .	1.5	1
40	Modelling environmental impacts of treated municipal wastewater reuse for tree crops irrigation in the Mediterranean coastal region. <i>Science of the Total Environment</i> , 2019, 660, 1513-1521.	3.9	36
41	Take out the farmer: An economic assessment of land expropriation for urban expansion in Bahir Dar, Northwest Ethiopia. <i>Land Use Policy</i> , 2019, 87, 104038.	2.5	23
42	Direct and indirect effect of irrigation water availability on crop revenue in northwest Ethiopia: A structural equation model. <i>Agricultural Water Management</i> , 2019, 220, 27-35.	2.4	17
43	Sustainability indicators for biobased chemicals: A Delphi study using Multi-Criteria Decision Analysis. <i>Resources, Conservation and Recycling</i> , 2019, 144, 198-208.	5.3	25
44	Dissecting demand response: A quantile analysis of flexibility, household attitudes, and demographics. <i>Energy Research and Social Science</i> , 2019, 52, 169-180.	3.0	14
45	The Development of a Payment Regime for Deep Sea Mining Activities in the Area through Stakeholder Participation. <i>International Journal of Marine and Coastal Law</i> , 2019, 34, 571-601.	0.5	8
46	A multi-objective optimization-extended techno-economic assessment: exploring the optimal microalgal-based value chain. <i>Green Chemistry</i> , 2019, 21, 5945-5959.	4.6	33
47	Investigating market power in the Belgian pork production chain. <i>Review of Agricultural Food and Environmental Studies</i> , 2019, 100, 93-117.	0.2	2
48	Impacts of the hydropower-controlled Tana-Beles interbasin water transfer on downstream rural livelihoods (northwest Ethiopia). <i>Journal of Hydrology</i> , 2019, 569, 436-448.	2.3	27
49	Effective bioeconomy policies for the uptake of innovative technologies under resource constraints. <i>Biomass and Bioenergy</i> , 2019, 120, 91-106.	2.9	23
50	Economic Performance of Using Batteries in European Residential Microgrids under the Net-Metering Scheme. <i>Energies</i> , 2019, 12, 165.	1.6	15
51	DEVELOPING STAKEHOLDER ARCHETYPES FOR ENHANCED LANDFILL MINING. <i>Detritus</i> , 2019, Volume 08 - December 2019, 1.	0.4	2
52	ASSESSING THE ECONOMIC POTENTIAL OF LANDFILL MINING: REVIEW AND RECOMMENDATIONS. <i>Detritus</i> , 2019, Volume 08 - December 2019, 1.	0.4	8
53	INTEGRATION OF RESOURCE RECOVERY INTO CURRENT WASTE MANAGEMENT THROUGH (ENHANCED) LANDFILL MINING. <i>Detritus</i> , 2019, Volume 08 - December 2019, 1.	0.4	5
54	Climate Variable Choice in Ricardian Studies of European Agriculture. <i>Revue Economique</i> , 2019, Vol. 70, 375-401.	0.1	9

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55	Relationship between farmers' perception of sustainability and future farming strategies: A commodity-level comparison. <i>AIMS Agriculture and Food</i> , 2019, 4, 613-642.	0.8	9
56	Access to Preferential Loans for Poverty Reduction and Rural Development: Evidence from Vietnam. <i>Journal of Economic Issues</i> , 2018, 52, 246-269.	0.3	8
57	Climate response of rainfed versus irrigated farms: the bias of farm heterogeneity in irrigation. <i>Climatic Change</i> , 2018, 147, 225-234.	1.7	18
58	External costs from fossil electricity generation: A review of the applied impact pathway approach. <i>Energy and Environment</i> , 2018, 29, 635-648.	2.7	15
59	How Participation in Vegetables Market Affects Livelihoods: Empirical Evidence from Northern Ethiopia. <i>Journal of International Food and Agribusiness Marketing</i> , 2018, 30, 107-131.	1.0	11
60	Assessing the success of electricity demand response programs: A meta-analysis. <i>Energy Research and Social Science</i> , 2018, 40, 110-117.	3.0	60
61	Agricultural land conversion: Reviewing drought impacts and coping strategies. <i>International Journal of Disaster Risk Reduction</i> , 2018, 31, 184-195.	1.8	61
62	A stochastic techno-economic assessment of seabed mining of polymetallic nodules in the Clarion Clipperton Fracture Zone. <i>Marine Policy</i> , 2018, 95, 133-141.	1.5	28
63	The idea of weak sustainability is illegitimate. <i>Environment, Development and Sustainability</i> , 2018, 20, 223-232.	2.7	30
64	Effects of Supply Chain Management on Tomato Export in Iran: Application of Structural Equation Modeling. <i>Journal of Food Products Marketing</i> , 2018, 24, 177-195.	1.4	5
65	A Hotelling model for the circular economy including recycling, substitution and waste accumulation. <i>Resources, Conservation and Recycling</i> , 2018, 128, 98-109.	5.3	17
66	The impact of policy on microgrid economics: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 81, 3111-3119.	8.2	38
67	Sustainability impacts of tidal river management: Towards a conceptual framework. <i>Ecological Indicators</i> , 2018, 85, 451-467.	2.6	26
68	Social sustainability assessments in the biobased economy: Towards a systemic approach. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 82, 1839-1853.	8.2	72
69	Steering the adoption of battery storage through electricity tariff design. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 98, 125-139.	8.2	21
70	Combining Monte Carlo simulations and experimental design for incorporating risk and uncertainty in investment decisions for cleantech: a fast pyrolysis case study. <i>Clean Technologies and Environmental Policy</i> , 2018, 20, 1195-1206.	2.1	10
71	Quantification of the Indirect Use Value of Functional Group Diversity Based on the Ecological Role of Species in the Ecosystem. <i>Ecological Economics</i> , 2018, 153, 181-194.	2.9	5
72	The potential of microalgae biorefineries in Belgium and India: An environmental techno-economic assessment. <i>Bioresource Technology</i> , 2018, 267, 271-280.	4.8	48

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73	Persistence and changes in the peripheral Beles basin of Ethiopia. <i>Regional Environmental Change</i> , 2018, 18, 2089-2104.	1.4	16
74	Economic sustainability assessment in semi-steppe rangelands. <i>Science of the Total Environment</i> , 2018, 637-638, 112-119.	3.9	25
75	Market Power Extended: From Foucault to Meadows. <i>Sustainability</i> , 2018, 10, 2843.	1.6	7
76	Assessing the sustainability of community forest management: A case study from Iran. <i>Forest Policy and Economics</i> , 2018, 96, 1-8.	1.5	11
77	A review of sustainability indicators for biobased chemicals. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 94, 115-126.	8.2	67
78	Determinants of internal governance quality: Evidence from corporations in Ethiopia. <i>Cogent Economics and Finance</i> , 2018, 6, 1537051.	0.8	0
79	A review of the sustainability of algal-based biorefineries: Towards an integrated assessment framework. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 68, 876-887.	8.2	37
80	Heterogeneous Impact of Soil Contamination on Farmland Prices in the Belgian Campine Region: Evidence from Unconditional Quantile Regressions. <i>Environmental and Resource Economics</i> , 2017, 66, 135-168.	1.5	18
81	A Ricardian Analysis of the Impact of Climate Change on European Agriculture. <i>Environmental and Resource Economics</i> , 2017, 67, 725-760.	1.5	77
82	A systematic review of environmental and economic impacts of smart grids. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 68, 888-898.	8.2	107
83	Monetary Valuation of Natural Predators for Biological Pest Control in Pear Production. <i>Ecological Economics</i> , 2017, 134, 160-173.	2.9	36
84	Young people's acceptance of bioenergy and the influence of attitude strength on information provision. <i>Renewable Energy</i> , 2017, 107, 417-430.	4.3	37
85	Battery pack recycling: Behaviour change interventions derived from an integrative theory of planned behaviour study. <i>Resources, Conservation and Recycling</i> , 2017, 122, 66-82.	5.3	91
86	Environmental and health impacts of effluents from textile industries in Ethiopia: the case of Gelan and Dukem, Oromia Regional State. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 11.	1.3	31
87	The lock-in effect and the greening of automotive cooling systems in the European Union. <i>Journal of Environmental Management</i> , 2017, 203, 1199-1207.	3.8	12
88	Organic Farming and Small-Scale Farmers: Main Opportunities and Challenges. <i>Ecological Economics</i> , 2017, 132, 144-154.	2.9	189
89	Sustainable cropping pattern in North Iran: application of fuzzy goal programming. <i>Environment, Development and Sustainability</i> , 2017, 19, 2199-2216.	2.7	9
90	An agent-based model of farmer behaviour to explain the limited adaptability of Flemish agriculture. <i>Environmental Innovation and Societal Transitions</i> , 2017, 22, 63-77.	2.5	12

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91	Estimating Human Health Impacts and Costs Due to Iranian Fossil Fuel Power Plant Emissions through the Impact Pathway Approach. <i>Energies</i> , 2017, 10, 2136.	1.6	21
92	Land-Use Suitability in Northeast Iran: Application of AHP-GIS Hybrid Model. <i>ISPRS International Journal of Geo-Information</i> , 2017, 6, 396.	1.4	51
93	Impacts of the Hara Biosphere Reserve on Livelihood and Welfare in Persian Gulf. <i>Ecological Economics</i> , 2017, 141, 76-86.	2.9	19
94	Vulnerability Assessment Models to Drought: Toward a Conceptual Framework. <i>Sustainability</i> , 2016, 8, 588.	1.6	53
95	Heterogeneity in the solar-powered consumer electronics market: A discrete choice experiments study. <i>Solar Energy Materials and Solar Cells</i> , 2016, 156, 140-146.	3.0	5
96	A techno-economic assessment of an algal-based biorefinery. <i>Clean Technologies and Environmental Policy</i> , 2016, 18, 1849-1862.	2.1	78
97	Landfill taxes and Enhanced Waste Management: Combining valuable practices with respect to future waste streams. <i>Waste Management</i> , 2016, 55, 345-354.	3.7	18
98	Do Western and Eastern Europe have the same agricultural climate response? Taking adaptive capacity into account. <i>Global Environmental Change</i> , 2016, 41, 74-87.	3.6	31
99	Renewable energy development in rural areas of Iran. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 65, 743-755.	8.2	105
100	Agricultural Land Conversion Drivers in Northeast Iran: Application of Structural Equation Model. <i>Applied Spatial Analysis and Policy</i> , 2016, 9, 591-609.	1.0	21
101	Determinants of risk behaviour: effects of perceived risks and risk attitude on farmer's adoption of risk management strategies. <i>Journal of Risk Research</i> , 2016, 19, 56-78.	1.4	105
102	Attitudes of Agricultural Experts Toward Genetically Modified Crops: A Case Study in Southwest Iran. <i>Science and Engineering Ethics</i> , 2016, 22, 509-524.	1.7	18
103	Farm household risk balancing: empirical evidence from Switzerland. <i>European Review of Agricultural Economics</i> , 2016, 43, 637-662.	1.5	39
104	Towards a more structured selection process for attributes and levels in choice experiments: A study in a Belgian protected area. <i>Ecosystem Services</i> , 2016, 18, 45-57.	2.3	25
105	Integrated assessment of agro-ecological systems: The case study of the "Alta Murgia" National park in Italy. <i>Agricultural Systems</i> , 2016, 144, 144-155.	3.2	14
106	Understanding communicational behavior among rangelands' stakeholders: application of social network analysis. <i>Journal of Environmental Planning and Management</i> , 2016, 59, 320-341.	2.4	4
107	Economic and environmental multi-objective optimisation to evaluate the impact of Belgian policy on solar power and electric vehicles. <i>Journal of Environmental Economics and Policy</i> , 2016, 5, 1-27.	1.5	8
108	Identifying the Interaction Between Landfill Taxes and NIMBY. A Simulation for Flanders (Belgium) Using a Dynamic Optimization Model. , 2016, , 497-509.		0

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109	Economic and Environmental Performances of Small-Scale Rural PV Solar Projects under the Clean Development Mechanism: The Case of Cambodia. <i>Energies</i> , 2015, 8, 9892-9914.	1.6	9
110	Sustainability Indicators of Iran's Developmental Plans: Application of the Sustainability Compass Theory. <i>Sustainability</i> , 2015, 7, 14647-14660.	1.6	8
111	Assessment of environmental and economic feasibility of Enhanced Landfill Mining. <i>Waste Management</i> , 2015, 45, 434-447.	3.7	59
112	Innovative market-based policy instruments for waste management: A case study on shredder residues in Belgium. <i>Waste Management and Research</i> , 2015, 33, 886-893.	2.2	7
113	Farm household risk balancing: implications for policy from an EU perspective. <i>Agricultural Finance Review</i> , 2015, 75, 450-468.	0.7	11
114	Social risk screening using a socio-political ambiguity approach: the case of organic agriculture in Iran. <i>Journal of Risk Research</i> , 2015, 18, 747-770.	1.4	2
115	Using agro-environmental models to design a sustainable benchmark for the sustainable value method. <i>Agricultural Systems</i> , 2015, 136, 1-13.	3.2	12
116	Economic benefits of combining clean energy technologies: the case of solar photovoltaics and battery electric vehicles. <i>International Journal of Energy Research</i> , 2015, 39, 1109-1119.	2.2	24
117	Environmental and economic performance of plasma gasification in Enhanced Landfill Mining. <i>Waste Management</i> , 2015, 45, 458-467.	3.7	50
118	Valorization of thermal treatment residues in Enhanced Landfill Mining: environmental and economic evaluation. <i>Journal of Cleaner Production</i> , 2015, 99, 275-285.	4.6	33
119	Techno-economic Assessment Methodology for Ultrasonic Production of Biofuels. <i>Biofuels and Biorefineries</i> , 2015, , 317-345.	0.5	20
120	Increasing the cost-effectiveness of EU agri-environment policy measures through evaluation of farm and field-level environmental and economic performance. <i>Agricultural Systems</i> , 2015, 136, 70-78.	3.2	17
121	Marketing Innovation in Rural Small Food Industries in Iran. <i>Journal of Food Products Marketing</i> , 2015, 21, 533-551.	1.4	10
122	Techno-economic assessment of fast pyrolysis for the valorization of short rotation coppice cultivated for phytoextraction. <i>Journal of Cleaner Production</i> , 2015, 88, 336-344.	4.6	85
123	Assessment of the sustainability guidelines of EU Renewable Energy Directive: the case of biorefineries. <i>Journal of Cleaner Production</i> , 2015, 88, 61-70.	4.6	33
124	Reforming Land Tenure Systems in South Africa: Routes to Socio-Economic and Agricultural Sustainability. <i>Development Policy Review</i> , 2014, 32, 647-674.	1.0	4
125	Development and techno-economic evaluation of a biorefinery based on biomass (waste) streams – case study in the Netherlands. <i>Biofuels, Bioproducts and Biorefining</i> , 2014, 8, 635-644.	1.9	39
126	Solar cooking in Senegalese villages: An application of best-worst scaling. <i>Energy Policy</i> , 2014, 67, 447-458.	4.2	23

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127	Cost-efficient emission abatement of energy and transportation technologies: mitigation costs and policy impacts for Belgium. <i>Clean Technologies and Environmental Policy</i> , 2014, 16, 1107-1118.	2.1	17
128	Farm-level evidence on risk balancing behavior in the EU-15. <i>Agricultural Finance Review</i> , 2014, 74, 17-37.	0.7	24
129	Advantages and limitations of exergy indicators to assess sustainability of bioenergy and biobased materials. <i>Environmental Impact Assessment Review</i> , 2014, 45, 19-29.	4.4	35
130	Potential of life cycle assessment to support environmental decision making at commercial dairy farms. <i>Agricultural Systems</i> , 2014, 131, 105-115.	3.2	37
131	The option to abandon: Stimulating innovative groundwater remediation technologies characterized by technological uncertainty. <i>Science of the Total Environment</i> , 2014, 496, 63-74.	3.9	9
132	Bridging the gap between LCA, LCC and CBA as sustainability assessment tools. <i>Environmental Impact Assessment Review</i> , 2014, 48, 27-33.	4.4	221
133	Food miles to assess sustainability: A revision. <i>Sustainable Development</i> , 2013, 21, 1-17.	6.9	60
134	Study on alternative approaches to corrosion protection of ballast tanks using an economic model. <i>Marine Structures</i> , 2013, 32, 1-17.	1.6	23
135	A techno-economic evaluation of a biomass energy conversion park. <i>Applied Energy</i> , 2013, 104, 611-622.	5.1	61
136	Life cycle analyses of organic photovoltaics: a review. <i>Energy and Environmental Science</i> , 2013, 6, 3136.	15.6	180
137	Reducing the cost of ballast tank corrosion: an economic modeling approach. <i>Marine Structures</i> , 2013, 32, 136-152.	1.6	11
138	Cognitive mapping: A method to elucidate and present farmers' risk perception. <i>Agricultural Systems</i> , 2013, 122, 42-52.	3.2	47
139	The economics of enhanced landfill mining: private and societal performance drivers. <i>Journal of Cleaner Production</i> , 2013, 55, 92-102.	4.6	106
140	Enhanced Landfill Mining in view of multiple resource recovery: a critical review. <i>Journal of Cleaner Production</i> , 2013, 55, 45-55.	4.6	282
141	A patent landscape analysis for organic photovoltaic solar cells: Identifying the technology's development phase. <i>Renewable Energy</i> , 2013, 57, 5-11.	4.3	29
142	Multilevel and Multi-user Sustainability Assessment of Farming Systems. , 2013, , 63-88.		0
143	Beyond the Environmentalists' Paradox and the Debate on Weak versus Strong Sustainability. <i>BioScience</i> , 2012, 62, 251-259.	2.2	40
144	Determining potential locations for biomass valorization using a macro screening approach. <i>Biomass and Bioenergy</i> , 2012, 45, 175-186.	2.9	35

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145	A Ricardian Analysis of the Impact of Climate Change on European Agriculture. SSRN Electronic Journal, 2012, , .	0.4	7
146	Higher sustainability performance of intensive grazing versus zero-grazing dairy systems. Agronomy for Sustainable Development, 2012, 32, 629-638.	2.2	46
147	Multilevel and multi-user sustainability assessment of farming systems. Environmental Impact Assessment Review, 2012, 32, 170-180.	4.4	68
148	Interference of regional support policies on the economic and environmental performance of a hybrid cogeneration-solar panel energy system. Energy Policy, 2012, 42, 670-680.	4.2	6
149	Phytoremediation, a sustainable remediation technology? II: Economic assessment of CO2 abatement through the use of phytoremediation crops for renewable energy production. Biomass and Bioenergy, 2012, 39, 470-477.	2.9	72
150	Combining photovoltaics and sound barriers – A feasibility study. Renewable Energy, 2012, 46, 297-303.	4.3	29
151	The future of organic photovoltaic solar cells as a direct power source for consumer electronics. Solar Energy Materials and Solar Cells, 2012, 103, 1-10.	3.0	37
152	An aggregate resource efficiency perspective on sustainability: A Sustainable Value application to the EU-15 countries. Ecological Economics, 2011, 71, 99-110.	2.9	22
153	Analyzing a self-managed CHP system for greenhouse cultivation as a profitable way to reduce CO2-emissions. Energy, 2011, 36, 1940-1947.	4.5	35
154	The Sustainable Value approach: A clarifying and constructive comment. Ecological Economics, 2010, 69, 2303-2306.	2.9	29
155	Comparing frontier methods for economic–environmental trade-off analysis. European Journal of Operational Research, 2010, 207, 1027-1040.	3.5	36
156	Sustainable value assessment of farms using frontier efficiency benchmarks. Journal of Environmental Management, 2009, 90, 3057-3069.	3.8	63
157	“On tomorrow's grounds”™, Flemish agriculture in 2030: a case of participatory translation of sustainability principles into a vision for the future. Journal of Cleaner Production, 2008, 16, 1062-1070.	4.6	21
158	MOTIFS: a monitoring tool for integrated farm sustainability. Agronomy for Sustainable Development, 2008, 28, 321-332.	2.2	163
159	Measuring farm sustainability and explaining differences in sustainable efficiency. Ecological Economics, 2007, 62, 149-161.	2.9	165