

Seppo Junnila

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.

101
papers

2,782
citations

30
h-index

49
g-index

107
ext. papers

3,254
ext. citations

4.6
avg, IF

5.83
L-index

#	Paper	IF	Citations
101	Life-Cycle Assessment of Office Buildings in Europe and the United States. <i>Journal of Infrastructure Systems</i> , 2006 , 12, 10-17	2.9	249
100	Life-Cycle Environmental Effects of an Office Building. <i>Journal of Infrastructure Systems</i> , 2003 , 9, 157-166.	6.9	204
99	Combining life cycle costing and life cycle assessment for an analysis of a new residential district energy system design. <i>Energy</i> , 2013 , 63, 168-179	7.9	113
98	Relationship between urbanization, direct and indirect greenhouse gas emissions, and expenditures: A multivariate analysis. <i>Ecological Economics</i> , 2014 , 104, 129-139	5.6	107
97	Situated lifestyles: I. How lifestyles change along with the level of urbanization and what the greenhouse gas implications are—study of Finland. <i>Environmental Research Letters</i> , 2013 , 8, 025003	6.2	102
96	Residential energy consumption patterns and the overall housing energy requirements of urban and rural households in Finland. <i>Energy and Buildings</i> , 2014 , 76, 295-303	7	90
95	A scenario analysis of the life cycle greenhouse gas emissions of a new residential area. <i>Environmental Research Letters</i> , 2012 , 7, 034037	6.2	83
94	Empirical comparison of process and economic input-output life cycle assessment in service industries. <i>Environmental Science & Technology</i> , 2006 , 40, 7070-6	10.3	76
93	Can life-cycle assessment produce reliable policy guidelines in the building sector?. <i>Environmental Research Letters</i> , 2017 , 12, 013001	6.2	72
92	Implications of urban structure on carbon consumption in metropolitan areas. <i>Environmental Research Letters</i> , 2011 , 6, 014018	6.2	69
91	Situated lifestyles: II. The impacts of urban density, housing type and motorization on the greenhouse gas emissions of the middle-income consumers in Finland. <i>Environmental Research Letters</i> , 2013 , 8, 035050	6.2	60
90	A Carbon Consumption Comparison of Rural and Urban Lifestyles. <i>Sustainability</i> , 2011 , 3, 1234-1249	3.6	55
89	Greenhouse gas emissions from flying can offset the gain from reduced driving in dense urban areas. <i>Journal of Transport Geography</i> , 2014 , 41, 1-9	5.2	54
88	Pre-use phase LCA of a multi-story residential building: Can greenhouse gas emissions be used as a more general environmental performance indicator?. <i>Building and Environment</i> , 2016 , 95, 116-125	6.5	53
87	To each their own? The greenhouse gas impacts of intra-household sharing in different urban zones. <i>Journal of Cleaner Production</i> , 2016 , 135, 356-367	10.3	50
86	Case study on the carbon consumption of two metropolitan cities. <i>International Journal of Life Cycle Assessment</i> , 2011 , 16, 569-579	4.6	49
85	Dense downtown living more carbon intense due to higher consumption: a case study of Helsinki. <i>Environmental Research Letters</i> , 2011 , 6, 034034	6.2	47

84	A Life Cycle Assessment of Two Residential Buildings Using Two Different LCA Database-Software Combinations: Recognizing Uniformities and Inconsistencies. <i>Buildings</i> , 2019 , 9, 20	3.2	43
83	Life cycle management of energy-consuming products in companies using IO-LCA. <i>International Journal of Life Cycle Assessment</i> , 2008 , 13, 432-439	4.6	42
82	New Energy Efficient Housing Has Reduced Carbon Footprints in Outer but Not in Inner Urban Areas. <i>Environmental Science & Technology</i> , 2015 , 49, 9574-83	10.3	41
81	Carbon footprint trends of metropolitan residents in Finland: How strong mitigation policies affect different urban zones. <i>Journal of Cleaner Production</i> , 2018 , 170, 1523-1535	10.3	41
80	Carbon and material footprints of a welfare state: Why and how governments should enhance green investments. <i>Environmental Science and Policy</i> , 2018 , 86, 1-10	6.2	39
79	END-USER ORIENTED PUBLIC-PRIVATE PARTNERSHIPS IN REAL ESTATE INDUSTRY. <i>International Journal of Strategic Property Management</i> , 2008 , 12, 1-17	1.9	39
78	Breaking the circle of blame for sustainable buildings [evidence from Nordic countries. <i>Journal of Corporate Real Estate</i> , 2015 , 17, 26-45	1.9	38
77	Assessment of financial potential of real estate energy efficiency investments – A discounted cash flow approach. <i>Sustainable Cities and Society</i> , 2015 , 18, 66-73	10.1	36
76	End-user requirements for green facility management. <i>Journal of Facilities Management</i> , 2008 , 6, 266-278.	7	36
75	What can we learn from consumption-based carbon footprints at different spatial scales? Review of policy implications. <i>Environmental Research Letters</i> , 2019 , 14, 093001	6.2	35
74	Spatial nature of urban well-being. <i>Regional Studies</i> , 2018 , 52, 959-973	3.4	32
73	PUBLIC-PRIVATE-PEOPLE PARTNERSHIP AS A WAY TO REDUCE CARBON DIOXIDE EMISSIONS FROM RESIDENTIAL DEVELOPMENT. <i>International Journal of Strategic Property Management</i> , 2010 , 14, 200-216	1.9	32
72	Spatial consumption-based carbon footprint assessments - A review of recent developments in the field. <i>Journal of Cleaner Production</i> , 2020 , 256, 120335	10.3	30
71	Greenhouse Gas Implications of Urban Sprawl in the Helsinki Metropolitan Area. <i>Sustainability</i> , 2013 , 5, 4461-4478	3.6	30
70	Household carbon footprint patterns by the degree of urbanisation in Europe. <i>Environmental Research Letters</i> , 2019 , 14, 114016	6.2	29
69	Occupants have little influence on the overall energy consumption in district heated apartment buildings. <i>Energy and Buildings</i> , 2011 , 43, 3484-3490	7	29
68	A Longitudinal Study on the Carbon Emissions of a New Residential Development. <i>Sustainability</i> , 2011 , 3, 1170-1189	3.6	28
67	The environmental significance of facilities in service sector companies. <i>Facilities</i> , 2004 , 22, 190-198	2.2	25

66	InputOutput and process LCAs in the building sector: are the results compatible with each other?. <i>Carbon Management</i> , 2017 , 8, 155-166	3.3	24
65	The Power of Urban Planning on Environmental Sustainability: A Focus Group Study in Finland. <i>Sustainability</i> , 2014 , 6, 6622-6643	3.6	22
64	Alternative Scenarios for Managing the Environmental Performance of a Service Sector Company. <i>Journal of Industrial Ecology</i> , 2008 , 10, 113-131	7.2	21
63	Applicability and benefits of the ecosystem concept in the construction industry. <i>Construction Management and Economics</i> , 2016 , 34, 129-144	3	21
62	The potential effect of end-users on energy conservation in office buildings. <i>Facilities</i> , 2007 , 25, 329-339	2.2	20
61	Housing managers key to reducing the greenhouse gas emissions of multi-family housing companies? A mixed method approach. <i>Building and Environment</i> , 2012 , 56, 203-210	6.5	19
60	City Scale Demand Side Management in Three Different-Sized District Heating Systems. <i>Energies</i> , 2018 , 11, 3370	3.1	19
59	Applicability of the Smart Readiness Indicator for Cold Climate Countries. <i>Buildings</i> , 2019 , 9, 102	3.2	18
58	A Review of the Impact of Green Building Certification on the Cash Flows and Values of Commercial Properties. <i>Sustainability</i> , 2020 , 12, 2729	3.6	18
57	Cities as carbon sinksClassification of wooden buildings. <i>Environmental Research Letters</i> , 2020 , 15, 094076	6.2	18
56	Applying the KANO model to analyse the value of green FM. <i>Property Management</i> , 2014 , 32, 312-325	1	17
55	Market value of sustainability business innovations in the construction sector. <i>Building Research and Information</i> , 2012 , 40, 665-678	4.3	17
54	Estimating the diffusion of rooftop PVs: A real estate economics perspective. <i>Energy</i> , 2019 , 172, 1087-1097	7.7	17
53	VALUE INFLUENCING MECHANISM OF GREEN CERTIFICATES IN THE DISCOUNTED CASH FLOW VALUATION. <i>International Journal of Strategic Property Management</i> , 2014 , 18, 238-252	1.9	16
52	How central business district developments facilitate environmental sustainability A multiple case study in Finland. <i>Cities</i> , 2014 , 41, 101-113	5.6	16
51	An assessment of the applicability of three international neighbourhood sustainability rating systems to diverse local conditions, with a focus on Nordic case areas. <i>International Journal of Sustainable Building Technology and Urban Development</i> , 2012 , 3, 96-104		16
50	Embodied and Construction Phase Greenhouse Gas Emissions of a Low-energy Residential building. <i>Procedia Economics and Finance</i> , 2015 , 21, 355-365		14
49	Pathways to Carbon-Neutral Cities Prior to a National Policy. <i>Sustainability</i> , 2020 , 12, 2445	3.6	14

48	Carbon Footprint Assessment of a Residential Development Project. <i>International Journal of Environmental Science and Development</i> , 116-123	0.4	14
47	Individual ground source heat pumps: Can district heating compete with real estate owners' return expectations?. <i>Sustainable Cities and Society</i> , 2020, 53, 101982	10.1	14
46	Influence of Reduced Ownership on the Environmental Benefits of the Circular Economy. <i>Sustainability</i> , 2018, 10, 4077	3.6	14
45	Evaluating decentralized energy investments: Spatial value of on-site PV electricity. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 70, 1217-1222	16.2	13
44	VIABLE URBAN REDEVELOPMENTS [EXCHANGING EQUITY FOR ENERGY EFFICIENCY / PERSPEKTYVUS MIESTO PERTVARKYMAS: NUOSAVO KAPITALO MAINYMAS [EFEKTYV[ENERGIJOS VARTOJIM[<i>International Journal of Strategic Property Management</i> , 2011, 15, 205-221	1.9	12
43	Are the Greenhouse Gas Implications of New Residential Developments Understood Wrongly?. <i>Energies</i> , 2012, 5, 2874-2893	3.1	12
42	Consequential Implications of Municipal Energy System on City Carbon Footprints. <i>Sustainability</i> , 2017, 9, 1801	3.6	11
41	Rebound effects for reduced car ownership and driving 2017, 263-283		11
40	Business model renewal in context of integrated solutions delivery: a network perspective. <i>International Journal of Strategic Property Management</i> , 2017, 21, 72-86	1.9	10
39	Creating Shared Value in a Construction Project [A Case Study. <i>Procedia Economics and Finance</i> , 2015, 21, 446-453		10
38	Planning for a Low Carbon Future? Comparing Heat Pumps and Cogeneration as the Energy System Options for a New Residential Area. <i>Energies</i> , 2015, 8, 9137-9154	3.1	10
37	Valuing green building certificates as real options. <i>Journal of European Real Estate Research</i> , 2014, 7, 181-198	1.2	10
36	The state of value creation in the real-estate sector [lessons from lean thinking. <i>Property Management</i> , 2014, 32, 28-47	1	10
35	Remote energy management benefits in retail building portfolios. <i>Journal of Facilities Management</i> , 2014, 12, 56-71	1.7	9
34	Assessing the Potential of Climate Change Mitigation Actions in Three Different City Types in Finland. <i>Sustainability</i> , 2012, 4, 1510-1524	3.6	9
33	Learning from lean management [going beyond input-output thinking. <i>Facilities</i> , 2013, 31, 454-467	2.2	9
32	Service-dominant innovation in the built environment. <i>Construction Innovation</i> , 2013, 13, 146-164	4.1	9
31	Using real estate market fundamentals to determine the correct discount rate for decentralised energy investments. <i>Sustainable Cities and Society</i> , 2020, 53, 101953	10.1	9

30	Creating urban platforms [Opportunities and challenges for innovation in commercial real estate development. <i>Cities</i> , 2018 , 77, 92-103	5.6	8
29	How to Succeed in Low-Energy Housing [Path Creation Analysis of Low-Energy Innovation Projects. <i>Sustainability</i> , 2015 , 7, 8801-8822	3.6	8
28	Embodied emissions of buildings - A forgotten factor in green building certificates. <i>Energy and Buildings</i> , 2021 , 241, 110962	7	8
27	The Economic Viability of a Progressive Smart Building System with Power Storage. <i>Sustainability</i> , 2020 , 12, 5998	3.6	7
26	Theory of valuing building life-cycle investments. <i>Building Research and Information</i> , 2016 , 44, 345-357	4.3	6
25	Value of waiting [Option pricing as a tool for residential real estate fund divestment management. <i>Property Management</i> , 2014 , 32, 400-414	1	6
24	Valuing flexibility in a retrofit investment. <i>Journal of Corporate Real Estate</i> , 2014 , 16, 3-21	1.9	5
23	Role of Urban Planning in Encouraging More Sustainable Lifestyles. <i>Journal of the Urban Planning and Development Division, ASCE</i> , 2015 , 141, 04014011	2.2	5
22	PARTNERSHIP PRACTICES AND THEIR IMPACT ON VALUE CREATION [REFLECTIONS FROM LEAN MANAGEMENT. <i>International Journal of Strategic Property Management</i> , 2014 , 18, 56-65	1.9	5
21	PUBLIC DEMAND FOR ECO-EFFICIENT CONCEPTS IN URBAN DEVELOPMENT / VISUOMENIN [EKOLOGI [AI EFEKTYVI [KONCEPCIJ [PAKLAUSA MIEST [PL [ROS KONTEKSTE. <i>International Journal of Strategic Property Management</i> , 2012 , 16, 21-36	1.9	5
20	Environmental Impact and Intensity of Processes in Selected Services Companies. <i>Journal of Industrial Ecology</i> , 2009 , 13, 422-437	7.2	5
19	From walls to experience [Servitization of workplaces. <i>Facilities</i> , 2018 , 36, 525-544	2.2	5
18	Economic and Technical Considerations in Pursuing Green Building Certification: A Case Study from Iran. <i>Sustainability</i> , 2020 , 12, 719	3.6	4
17	Gravitational slingshot analogy of discontinuous sustainability innovation in the construction industry. <i>Construction Innovation</i> , 2015 , 15, 409-427	4.1	4
16	Data Commercialisation: Extracting Value from Smart Buildings. <i>Buildings</i> , 2017 , 7, 104	3.2	3
15	The impact of renewable on-site energy production on property values. <i>Journal of European Real Estate Research</i> , 2020 , 13, 337-356	1.2	3
14	Environmental assessments in the built environment: crucial yet underdeveloped. <i>Environmental Research Letters</i> , 2015 , 10, 035003	6.2	2
13	Downscaling consumption to universal basic income level falls short of sustainable carbon footprint in Finland. <i>Environmental Science and Policy</i> , 2020 , 114, 377-383	6.2	2

12	Comparative carbon footprint analysis of residents of wooden and non-wooden houses in Finland. <i>Environmental Research Letters</i> , 2021 , 16, 074006	6.2	2
11	Optimal Seasonal Heat Storage in a District Heating System with Waste Incineration. <i>Energies</i> , 2021 , 14, 3522	3.1	2
10	Valuing retail lease options through time. <i>Journal of Property Investment and Finance</i> , 2017 , 35, 369-381	1.1	1
9	Reprint of: To each their own? The greenhouse gas impacts of intra-household sharing in different urban zones. <i>Journal of Cleaner Production</i> , 2017 , 163, S79-S90	10.3	1
8	Sustainable Urban Development Calls for Responsibility through Life Cycle Management. <i>Sustainability</i> , 2015 , 7, 12539-12563	3.6	1
7	Valuing Indoor Air Quality Benefits in a Healthcare Construction Project with Real Option Analysis. <i>Buildings</i> , 2014 , 4, 785-805	3.2	1
6	Economic feasibility of wood-based structures Improving urban carbon neutrality strategies. <i>Environmental Research: Infrastructure and Sustainability</i> , 2021 , 1, 011002		1
5	Evaluation of the financial benefits of a ground-source heat pump pool with demand side management: Is smart profitable for real estate?. <i>Sustainable Cities and Society</i> , 2022 , 78, 103604	10.1	0
4	City level carbon mitigation strategies: What are their true impacts?. <i>International Journal of Sustainable Building Technology and Urban Development</i> , 2012 , 3, 54-59		
3	Environmental Assessments in the Built Environment: Crucial yet Underdeveloped 2016 , 3-15		
2	An Empirical Inquiry on the Effect of Cleaner Local Energy Production on Consumer Carbon Footprint 2012 , 160-164		
1	A consumption based LCA tool for housing management 2012 , 261-263		