

# Arjen E J Wals

## List of Publications by Year in descending order

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Version: 2024-02-01

111  
papers

6,046  
citations

101543

36  
h-index

85541

71  
g-index

121  
all docs

121  
docs citations

121  
times ranked

4032  
citing authors

#	ARTICLE	IF	CITATIONS
1	Supporting Secondary Students's™ Morality Development in Science Education. <i>Studies in Science Education</i> , 2022, 58, 141-181.	5.4	8
2	Education for sustainable development in the "Capitalocene"™. <i>Educational Philosophy and Theory</i> , 2022, 54, 224-227.	1.8	14
3	Creating a sense of community and space for subjectification in an online course on sustainability education during times of physical distancing. <i>International Journal of Sustainability in Higher Education</i> , 2022, 23, 85-104.	3.1	10
4	Regenerating the Socio-Ecological Quality of Urban Streams: The Potential of a Social Learning Approach. , 2021, , 67-98.		0
5	Biology Students's™ Morality When Engaged With Moral Dilemmas in the Human-Nature Context. <i>Frontiers in Education</i> , 2021, 6, .	2.1	2
6	Capturing Transgressive Learning in Communities Spiraling towards Sustainability. <i>Sustainability</i> , 2020, 12, 4873.	3.2	7
7	Analysing the state of student participation in two Eco-Schools using Engeström's™ Second Generation Activity Systems Model. <i>Environmental Education Research</i> , 2020, 26, 1088-1111.	2.9	13
8	Overcoming socio-ecological vulnerability through community-based social learning: the case of Lomba do Pinheiro in Porto Alegre, Brazil. <i>Local Environment</i> , 2020, 25, 179-201.	2.4	10
9	Transgressing Boundaries between Community Learning and Higher Education: Levers and Barriers. <i>Sustainability</i> , 2020, 12, 2601.	3.2	8
10	Learning in, with, and through the Territory: Territory-Based Learning as a Catalyst for Urban Sustainability. <i>Sustainability</i> , 2020, 12, 3000.	3.2	5
11	Creating a responsive curriculum for postgraduates: lessons from a case in Ghana. <i>Journal of Further and Higher Education</i> , 2019, 43, 573-588.	2.5	3
12	Learning-based transformations towards sustainability: a relational approach based on Humberto Maturana and Paulo Freire. <i>Environmental Education Research</i> , 2019, 25, 1605-1619.	2.9	30
13	Towards a Framework for Designing and Assessing Game-Based Approaches for Sustainable Water Governance. <i>Water (Switzerland)</i> , 2019, 11, 869.	2.7	23
14	T-labs and climate change narratives: Co-researcher qualities in transgressive action"research. <i>Action Research</i> , 2019, 17, 63-86.	1.2	14
15	The Potential of Serious Games to Solve Water Problems: Editorial to the Special Issue on Game-Based Approaches to Sustainable Water Governance. <i>Water (Switzerland)</i> , 2019, 11, 2562.	2.7	15
16	Barriers and enablers to climate change adaptation in hierarchical governance systems: the case of Vietnam. <i>Journal of Environmental Policy and Planning</i> , 2018, 20, 518-532.	2.8	40
17	Understanding smallholder farmers' capacity to respond to climate change in a coastal community in Central Vietnam. <i>Climate and Development</i> , 2018, 10, 701-716.	3.9	60
18	Towards transformative social learning on the path to 1.5 degrees. <i>Current Opinion in Environmental Sustainability</i> , 2018, 31, 80-87.	6.3	36

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19	Radical ruralities in practice: Negotiating buen vivir in a Colombian network of sustainability. <i>Journal of Rural Studies</i> , 2018, 59, 153-162.	4.7	25
20	Social learning for adaptive delta management: Tidal River Management in the Bangladesh Delta. <i>International Journal of Water Resources Development</i> , 2018, 34, 923-943.	2.0	31
21	(Re-)designing higher education curricula in times of systemic dysfunction: a responsible research and innovation perspective. <i>Higher Education</i> , 2018, 76, 337-352.	4.4	71
22	An institutional diagnostics of agricultural innovation; public-private partnerships and smallholder production in Uganda. <i>Njas - Wageningen Journal of Life Sciences</i> , 2018, 84, 6-12.	7.7	16
23	Environmental and sustainability education in the Benelux region. <i>Environmental Education Research</i> , 2018, 24, 1229-1233.	2.9	5
24	Socio-Psychological Perspectives on the Potential for Serious Games to Promote Transcendental Values in IWRM Decision-Making. <i>Water (Switzerland)</i> , 2018, 10, 1097.	2.7	14
25	Interaction analysis data of simulation gaming events using the serious game Aqua Republica. <i>Data in Brief</i> , 2018, 19, 2315-2328.	1.0	0
26	Serious games as a catalyst for boundary crossing, collaboration and knowledge co-creation in a watershed governance context. <i>Journal of Environmental Management</i> , 2018, 223, 1010-1022.	7.8	45
27	Reframing the future: the role of reflexivity in governance networks in sustainability transitions. <i>Environmental Education Research</i> , 2018, 24, 1383-1405.	2.9	43
28	Using a social learning configuration to increase Vietnamese smallholder farmers' adaptive capacity to respond to climate change. <i>Local Environment</i> , 2018, 23, 879-897.	2.4	29
29	Environmental and sustainability education in the Benelux countries: research, policy and practices at the intersection of education and societal transformation. <i>Environmental Education Research</i> , 2018, 24, 1234-1249.	2.9	13
30	Utilization of design principles for hybrid learning configurations by interprofessional design teams. <i>Instructional Science</i> , 2017, 45, 289-309.	2.0	12
31	The interplay between social learning and adaptive capacity in climate change adaptation: A systematic review. <i>Njas - Wageningen Journal of Life Sciences</i> , 2017, 82, 1-9.	7.7	35
32	Can we meet the sustainability challenges? The role of education and lifelong learning. <i>European Journal of Education</i> , 2017, 52, 404-413.	2.8	85
33	Critical case-studies of non-formal and community learning for sustainable development. <i>International Review of Education</i> , 2017, 63, 783-792.	2.1	24
34	Sustainability by Default: Co-creating Care and Relationality Through Early Childhood Education. <i>International Journal of Early Childhood</i> , 2017, 49, 155-164.	1.0	33
35	Towards Transgressive Learning through Ontological Politics: Answering the 'Call of the Mountain' in a Colombian Network of Sustainability. <i>Sustainability</i> , 2017, 9, 21.	3.2	20
36	Building a Foundation for Knowledge Co-Creation in Collaborative Water Governance: Dimensions of Stakeholder Networks Facilitated through Bridging Organizations. <i>Water (Switzerland)</i> , 2017, 9, 60.	2.7	24

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37	Preparing for the Ecocene: Envisioning futures for environmental and sustainability education. Japanese Journal of Environmental Education, 2017, 26, 4_71-76.	0.0	12
38	Flowers of resistance. , 2017, , 29-52.		11
39	Sustainability and Education. , 2017, , 2205-2210.		0
40	34. Grounding the future in the past and the present: community-based sustainability in an old Japanese mining town. , 2017, , 427-435.		0
41	Does a transdisciplinary approach to forestry education meet students' career aspirations? Lessons from a curriculum innovation in Ghana. International Forestry Review, 2017, 19, 397-412.	0.6	1
42	Co-designing research on transgressive learning in times of climate change. Current Opinion in Environmental Sustainability, 2016, 20, 50-55.	6.3	46
43	Introduction to the special section Moving from Citizen to Civic Science to Address Wicked Conservation Problems. Corrected by erratum 12844. Conservation Biology, 2016, 30, 450-455.	4.7	50
44	Design principles for hybrid learning configurations at the interface between school and workplace. Learning Environments Research, 2016, 19, 309-334.	2.8	35
45	Transgressive learning in times of global systemic dysfunction: interview with Arjen Wals. Open Review of Educational Research, 2016, 3, 179-189.	1.2	30
46	Challenges to responsible forest governance in Ghana and its implications for professional education. Forest Policy and Economics, 2016, 62, 78-87.	3.4	17
47	Sustainability and Education. , 2016, , 1-6.		2
48	Transformative, transgressive social learning: rethinking higher education pedagogy in times of systemic global dysfunction. Current Opinion in Environmental Sustainability, 2015, 16, 73-80.	6.3	338
49	Towards sustainable water governance: Examining water governance issues in Québec through the lens of multi-loop social learning. Canadian Water Resources Journal, 2015, 40, 373-391.	1.2	23
50	The UN Decade of Education for Sustainable Development: business as usual in the end. Environmental Education Research, 2015, 21, 491-505.	2.9	217
51	Strengthening ecological mindfulness through hybrid learning in vital coalitions. Cultural Studies of Science Education, 2015, 10, 203-214.	1.3	30
52	Social Learning-Oriented Capacity-Building for Critical Transitions Towards Sustainability. , 2015, , 87-107.		7
53	Self-directed lifelong learning in hybrid learning configurations. International Journal of Lifelong Education, 2014, 33, 207-232.	2.3	20
54	High performance sport and sustainability: a contradiction of terms?. Reflective Practice, 2014, 15, 1-11.	1.4	30

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55	Social learning towards sustainability: Problematic, perspectives and promise. Njas - Wageningen Journal of Life Sciences, 2014, 69, 1-3.	7.7	40
56	Sustainability in higher education in the context of the UN DESD: a review of learning and institutionalization processes. Journal of Cleaner Production, 2014, 62, 8-15.	9.3	342
57	Multi-Loop Social Learning for Sustainable Land and Water Governance: Towards a Research Agenda on the Potential of Virtual Learning Platforms. Njas - Wageningen Journal of Life Sciences, 2014, 69, 23-38.	7.7	68
58	Convergence Between Science and Environmental Education. Science, 2014, 344, 583-584.	12.6	251
59	Properties of c-Mpl expression in thrombopoietin-derived hepatic hematopoietic progenitors of xenopus laevis. Experimental Hematology, 2014, 42, S52.	0.4	0
60	Sustainability-Oriented Social Learning in Multi-cultural Urban Areas: The Case of the Rotterdam Environmental Centre. , 2014, , 379-396.		2
61	7. "EYE for sustainability": a learning tool for change agents. , 2014, , 127-138.		3
62	Social learning in regional innovation networks: trust, commitment and reframing as emergent properties of interaction. Journal of Cleaner Production, 2013, 49, 35-43.	9.3	143
63	Governance of differential stakeholder interests in supply chains and networks. Journal on Chain and Network Science, 2013, 13, 99-105.	1.6	2
64	Locative Meaning-making: An Arts-based Approach to Learning for Sustainable Development. Sustainability, 2013, 5, 1645-1660.	3.2	37
65	Inquiry-Based Science Education Competencies of Primary School Teachers: A literature study and critical review of the American National Science Education Standards. International Journal of Science Education, 2012, 34, 2609-2640.	1.9	64
66	Blurring the boundaries between vocational education, business and research in the agri-food domain. Journal of Vocational Education and Training, 2012, 64, 3-23.	1.5	23
67	Debating Education for Sustainable Development 20 Years after Rio: A Conversation between Bob Jickling and Arjen Wals. Journal of Education for Sustainable Development, 2012, 6, 49-57.	1.0	69
68	Fostering organizational sustainability through dialogic interaction. Learning Organization, 2012, 19, 11-27.	1.4	83
69	An analysis of the methodological underpinnings of social learning research in natural resource management. Ecological Economics, 2012, 77, 16-26.	5.7	58
70	The role of materiality in apprenticeships: the case of the Suame Magazine, Kumasi, Ghana. Journal of Vocational Education and Training, 2011, 63, 439-449.	1.5	11
71	Developing competence profiles for educators in environmental education organisations in the Netherlands. Environmental Education Research, 2011, 17, 69-90.	2.9	46
72	Educating for sustainable production and consumption and sustainable livelihoods: learning from multi-stakeholder networks. Sustainability Science, 2011, 6, 83-96.	4.9	17

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73	Global circulation and local manifestations of education for sustainable development with a focus on Japan. <i>International Journal of Environment and Sustainable Development</i> , 2010, 9, 37.	0.3	3
74	Higher education for today and tomorrow: university appraisal for diversity, innovation and change towards sustainable development. <i>Sustainability Science</i> , 2010, 5, 249-256.	4.9	115
75	Mirroring, Gestaltswitching and transformative social learning. <i>International Journal of Sustainability in Higher Education</i> , 2010, 11, 380-390.	3.1	183
76	Competences for sustainable development and sustainability. <i>International Journal of Sustainability in Higher Education</i> , 2010, 11, 391-403.	3.1	213
77	Between knowing what is right and knowing that is it wrong to tell others what is right: on relativism, uncertainty and democracy in environmental and sustainability education. <i>Environmental Education Research</i> , 2010, 16, 143-151.	2.9	129
78	Resilience in learning systems: case studies in university education. <i>Environmental Education Research</i> , 2010, 16, 559-573.	2.9	38
79	Mediated Cross-Cultural Learning through Exchange in Higher Agricultural Education. <i>Journal of Agricultural Education and Extension</i> , 2010, 16, 5-22.	2.2	5
80	Mediated cross-cultural learning in the pursuit of sustainability. <i>Journal of Agricultural Education and Extension</i> , 2010, 16, 1-3.	2.2	0
81	Interfacing knowledge systems: introducing certified organic agriculture in a tribal society. <i>Njas - Wageningen Journal of Life Sciences</i> , 2009, 56, 375-390.	7.7	6
82	Competence Challenges of Demand-Led Agricultural Research and Extension in Uganda. <i>Journal of Agricultural Education and Extension</i> , 2009, 15, 5-19.	2.2	21
83	Jhum meets IFOAM: introducing organic agriculture in a tribal society. <i>International Journal of Agricultural Sustainability</i> , 2009, 7, 95-106.	3.5	3
84	Globalization and environmental education: looking beyond sustainable development. <i>Journal of Curriculum Studies</i> , 2008, 40, 1-21.	2.1	455
85	All Mixed Up? Instrumental and Emancipatory Learning Toward a More Sustainable World: Considerations for EE Policymakers. <i>Applied Environmental Education and Communication</i> , 2008, 7, 55-65.	1.1	91
86	Competencies for rural development professionals in the era of HIV/AIDS. <i>Compare</i> , 2007, 37, 493-511.	2.1	8
87	On the danger of blurring methods, methodologies and ideologies in environmental education research. <i>Environmental Education Research</i> , 2006, 12, 549-558.	2.9	25
88	The Practice of Sustainability in Higher Education: An Introduction. , 2004, , 229-234.		3
89	Education for Integrated Rural Development: transformative learning in a complex and uncertain world. <i>Journal of Agricultural Education and Extension</i> , 2004, 10, 89-100.	2.2	5
90	Case studies, makeâ€œyourâ€œcase studies, and case stories: a critique of caseâ€œstudy methodology in sustainability in higher education. <i>Environmental Education Research</i> , 2004, 10, 7-21.	2.9	188

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91	The Problematics of Sustainability in Higher Education: An Introduction. , 2004, , 3-6.		16
92	The Promise of Sustainability in Higher Education: A Synthesis. , 2004, , 223-225.		7
93	The Practice of Sustainability in Higher Education: A Synthesis. , 2004, , 347-348.		13
94	The Problematics of Sustainability in Higher Education: A Synthesis. , 2004, , 87-88.		6
95	'Your View of Nature is Not Mine!': Learning about pluralism in the classroom. Environmental Education Research, 2002, 8, 121-135.	2.9	54
96	Making biodiversity meaningful through environmental education. International Journal of Science Education, 2002, 24, 1143-1156.	1.9	114
97	â€œSustainabilityâ€•in higher education. International Journal of Sustainability in Higher Education, 2002, 3, 221-232.	3.1	384
98	â€œSustainabilityâ€•in higher education: from doublethink and newspeak to critical thinking and meaningful learning. Higher Education Policy, 2002, 15, 121-131.	2.0	136
99	Schoolâ€•based Research and Development of Environmental Education: a case study. Environmental Education Research, 1997, 3, 253-267.	2.9	40
100	Backâ€•alley sustainability and the role of environmental education. Local Environment, 1996, 1, 299-316.	2.4	19
101	Action Research and Community Problemâ€•solving: environmental education in an innerâ€•city. Educational Action Research, 1994, 2, 163-182.	1.5	22
102	Young Adolescents' Perceptions of Environmental Issues: Implications for Environmental Education in Urban Settings. Australian Journal of Environmental Education, 1992, 8, 45-58.	2.2	45
103	Caretakers of the Environment: A Global Network of Teachers and Students to Save the Earth. Journal of Environmental Education, 1990, 21, 3-7.	1.8	5
104	Education in Action: A Community Problem-Solving Program for Schools. Journal of Environmental Education, 1990, 21, 13-19.	1.8	36
105	Conventional and Emerging Learning Theories. , 0, , .		17
106	The Evolving Characteristics of Environmental Education Research. , 0, , .		11
107	<a href="http://www.wageningenacademic.com/learn4-e_00">http://www.wageningenacademic.com/learn4-e_00</a> . , 0, , 21-32.		17
108	Tentative Directions for Environmental Education Research in Uncertain Times. , 0, , .		2

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109	Routledge Handbook of Higher Education for Sustainable Development. , 0, , .		47
110	â€˜We Learned the Language of the Treeâ€™™ Ecovillages as Spaces of Place-Based Transformative Learning. Journal of Transformative Education, 0, , 154134462110685.	1.1	1
111	The Promise of Sustainability in Higher Education: An Introduction. , 0, , 91-95.		1