Arjen E J Wals

List of Publications by Year
in descending order

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	Globalization and environmental education: looking beyond sustainable development. Journal of Curriculum Studies, 2008, 40, 1-21.	2.1	455
2	â€œSustainabilityâ€•in higher education. International Journal of Sustainability in Higher Education, 2002, 3, 221-232.	3.1	384
3	Sustainability in higher education in the context of the UN DESD: aÂreview of learning and institutionalization processes. Journal of Cleaner Production, 2014, 62, 8-15.	9.3	342
4	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
5	Convergence Between Science and Environmental Education. Science, 2014, 344, 583-584.	12.6	251
6	The UN Decade of Education for Sustainable Development: business as usual in the end. Environmental Education Research, 2015, 21, 491-505.	2.9	217
7	Competences for sustainable development and sustainability. International Journal of Sustainability in Higher Education, 2010, 11, 391-403.	3.1	213
8	Case studies, makeâ€yourâ€case studies, and case stories: a critique of caseâ€study methodology in sustainability in higher education. Environmental Education Research, 2004, 10, 7-21.	2.9	188
9	Mirroring, Gestaltswitching and transformative social learning. International Journal of Sustainability in Higher Education, 2010, 11, 380-390.	3.1	183
10	Social learning in regional innovation networks: trust, commitment andÂreframing as emergent properties of interaction. Journal of Cleaner Production, 2013, 49, 35-43.	9.3	143
11	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
12	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. Environmental Education Research, 2010, 16, 143-151.	2.9	129
13	Higher education for today and tomorrow: university appraisal for diversity, innovation and change towards sustainable development. Sustainability Science, 2010, 5, 249-256.	4.9	115
14	Making biodiversity meaningful through environmental education. International Journal of Science Education, 2002, 24, 1143-1156.	1.9	114
15	All Mixed Up? Instrumental and Emancipatory Learning Toward a More Sustainable World: Considerations for EE Policymakers. Applied Environmental Education and Communication, 2008, 7, 55-65.	1.1	91
16	Can we meet the sustainability challenges? The role of education and lifelong learning. European Journal of Education, 2017, 52, 404-413.	2.8	85
17	Fostering organizational sustainability through dialogic interaction. Learning Organization, 2012, 19, 11-27.	1.4	83
18	(Re-)designing higher education curricula in times of systemic dysfunction: a responsible research and innovation perspective. Higher Education, 2018, 76, 337-352.	4.4	71

#	Article	IF	Citations
19	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
20	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
21	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
22	Understanding smallholder farmers' capacity to respond to climate change in a coastal community in Central Vietnam. Climate and Development, 2018, 10, 701-716.	3.9	60
23	An analysis of the methodological underpinnings of social learning research in natural resource management. Ecological Economics, 2012, 77, 16-26.	5.7	58
24	'Your View of Nature is Not Mine!': Learning about pluralism in the classroom. Environmental Education Research, 2002, 8, 121-135.	2.9	54
25	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
26	Routledge Handbook of Higher Education for Sustainable Development. , 0, , .		47
27	Developing competence profiles for educators in environmental education organisations in the Netherlands. Environmental Education Research, 2011, 17, 69-90.	2.9	46
28	Co-designing research on transgressive learning in times of climate change. Current Opinion in Environmental Sustainability, 2016, 20, 50-55.	6.3	46
29	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
30	Serious games as a catalyst for boundary crossing, collaboration and knowledge co-creation in a watershed governance context. Journal of Environmental Management, 2018, 223, 1010-1022.	7.8	45
31	Reframing the future: the role of reflexivity in governance networks in sustainability transitions. Environmental Education Research, 2018, 24, 1383-1405.	2.9	43
32	Schoolâ€based Research and Development of Environmental Education: a case study. Environmental Education Research, 1997, 3, 253-267.	2.9	40
33	Social learning towards sustainability: Problematic, perspectives and promise. Njas - Wageningen Journal of Life Sciences, 2014, 69, 1-3.	7.7	40
34	Barriers and enablers to climate change adaptation in hierarchical governance systems: the case of Vietnam. Journal of Environmental Policy and Planning, 2018, 20, 518-532.	2.8	40
35	Resilience in learning systems: case studies in university education. Environmental Education Research, 2010, 16, 559-573.	2.9	38
36	Locative Meaning-making: An Arts-based Approach to Learning for Sustainable Development. Sustainability, 2013, 5, 1645-1660.	3.2	37

#	Article	IF	Citations
37	Education in Action: A Community Problem-Solving Program for Schools. Journal of Environmental Education, 1990, 21, 13-19.	1.8	36
38	Towards transformative social learning on the path to 1.5 degrees. Current Opinion in Environmental Sustainability, 2018, 31, 80-87.	6.3	36
39	Design principles for hybrid learning configurations at the interface between school and workplace. Learning Environments Research, 2016, 19, 309-334.	2.8	35
40	The interplay between social learning and adaptive capacity in climate change adaptation: A systematic review. Njas - Wageningen Journal of Life Sciences, 2017, 82, 1-9.	7.7	35
41	Sustainability by Default: Co-creating Care and Relationality Through Early Childhood Education. International Journal of Early Childhood, 2017, 49, 155-164.	1.0	33
42	Social learning for adaptive delta management: Tidal River Management in the Bangladesh Delta. International Journal of Water Resources Development, 2018, 34, 923-943.	2.0	31
43	High performance sport and sustainability: a contradiction of terms?. Reflective Practice, 2014, 15, 1-11.	1.4	30
44	Strengthening ecological mindfulness through hybrid learning in vital coalitions. Cultural Studies of Science Education, 2015, 10, 203-214.	1.3	30
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	Learning-based transformations towards sustainability: a relational approach based on Humberto Maturana and Paulo Freire. Environmental Education Research, 2019, 25, 1605-1619.	2.9	30
47	Using a social learning configuration to increase Vietnamese smallholder farmersâ€™ adaptive capacity to respond to climate change. Local Environment, 2018, 23, 879-897.	2.4	29
48	On the danger of blurring methods, methodologies and ideologies in environmental education research. Environmental Education Research, 2006, 12, 549-558.	2.9	25
49	Radical ruralities in practice: Negotiating buen vivir in a Colombian network of sustainability. Journal of Rural Studies, 2018, 59, 153-162.	4.7	25
50	Critical case-studies of non-formal and community learning for sustainable development. International Review of Education, 2017, 63, 783-792.	2.1	24
51	Building a Foundation for Knowledge Co-Creation in Collaborative Water Governance: Dimensions of Stakeholder Networks Facilitated through Bridging Organizations. Water (Switzerland), 2017, 9, 60.	2.7	24
52	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
53	Towards sustainable water governance: Examining water governance issues in QuÃ©bec through the lens of multi-loop social learning. Canadian Water Resources Journal, 2015, 40, 373-391.	1.2	23
54	Towards a Framework for Designing and Assessing Game-Based Approaches for Sustainable Water Governance. Water (Switzerland), 2019, 11, 869.	2.7	23

#	Article	IF	Citations
55	Action Research and Community Problemâ€solving: environmental education in an innerâ€city. Educational Action Research, 1994, 2, 163-182.	1.5	22
56	Competence Challenges of Demand-Led Agricultural Research and Extension in Uganda. Journal of Agricultural Education and Extension, 2009, 15, 5-19.	2.2	21
57	Self-directed lifelong learning in hybrid learning configurations. International Journal of Lifelong Education, 2014, 33, 207-232.	2.3	20
58	Towards Transgressive Learning through Ontological Politics: Answering the â€œCall of the Mountainâ€• in a Colombian Network of Sustainability. Sustainability, 2017, 9, 21.	3.2	20
59	Backâ€alley sustainability and the role of environmental education. Local Environment, 1996, 1, 299-316.	2.4	19
60	Educating for sustainable production and consumption and sustainable livelihoods: learning from multi-stakeholder networks. Sustainability Science, 2011, 6, 83-96.	4.9	17
61	Conventional and Emerging Learning Theories. , 0, , .		17
62	Challenges to responsible forest governance in Ghana and its implications for professional education. Forest Policy and Economics, 2016, 62, 78-87.	3.4	17
63	http://www.wageningenacademic.com/learn4-e_00. , 0, , 21-32.		17
64	An institutional diagnostics of agricultural innovation; public-private partnerships and smallholder production in Uganda. Njas - Wageningen Journal of Life Sciences, 2018, 84, 6-12.	7.7	16
65	The Problematics of Sustainability in Higher Education: An Introduction. , 2004, , 3-6.		16
66	The Potential of Serious Games to Solve Water Problems: Editorial to the Special Issue on Game-Based Approaches to Sustainable Water Governance. Water (Switzerland), 2019, 11, 2562.	2.7	15
67	Socio-Psychological Perspectives on the Potential for Serious Games to Promote Transcendental Values in IWRM Decision-Making. Water (Switzerland), 2018, 10, 1097.	2.7	14
68	T-labs and climate change narratives: Co-researcher qualities in transgressive actionâ€“research. Action Research, 2019, 17, 63-86.	1.2	14
69	Education for sustainable development in the â€˜Capitaloceneâ€™. Educational Philosophy and Theory, 2022, 54, 224-227.	1.8	14
70	Environmental and sustainability education in the Benelux countries: research, policy and practices at the intersection of education and societal transformation. Environmental Education Research, 2018, 24, 1234-1249.	2.9	13
71	Analysing the state of student participation in two Eco-Schools using EngestrÃ¶mâ€™s Second Generation Activity Systems Model. Environmental Education Research, 2020, 26, 1088-1111.	2.9	13
72	The Practice of Sustainability in Higher Education: A Synthesis. , 2004, , 347-348.		13

#	Article	IF	Citations
73	Utilization of design principles for hybrid learning configurations by interprofessional design teams. Instructional Science, 2017, 45, 289-309.	2.0	12
74	Preparing for the Ecocene: Envisioning futures for environmental and sustainability education. Japanese Journal of Environmental Education, 2017, 26, 4_71-76.	0.0	12
75	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
76	The Evolving Characteristics of Environmental Education Research. , 0, , .		11
77	Flowers of resistance. , 2017, , 29-52.		11
78	Overcoming socio-ecological vulnerability through community-based social learning: the case of Lomba do Pinheiro in Porto Alegre, Brazil. Local Environment, 2020, 25, 179-201.	2.4	10
79	Creating a sense of community and space for subjectification in an online course on sustainability education during times of physical distancing. International Journal of Sustainability in Higher Education, 2022, 23, 85-104.	3.1	10
80	Competencies for rural development professionals in the era of HIV/AIDS. Compare, 2007, 37, 493-511.	2.1	8
81	Transgressing Boundaries between Community Learning and Higher Education: Levers and Barriers. Sustainability, 2020, 12, 2601.	3.2	8
82	Supporting Secondary Studentsâ€™ Morality Development in Science Education. Studies in Science Education, 2022, 58, 141-181.	5.4	8
83	Capturing Transgressive Learning in Communities Spiraling towards Sustainability. Sustainability, 2020, 12, 4873.	3.2	7
84	The Promise of Sustainability in Higher Education: A Synthesis. , 2004, , 223-225.		7
85	Social Learning-Oriented Capacity-Building for Critical Transitions Towards Sustainability. , 2015, , 87-107.		7
86	Interfacing knowledge systems: introducing certified organic agriculture in a tribal society. Njas - Wageningen Journal of Life Sciences, 2009, 56, 375-390.	7.7	6
87	The Problematics of Sustainability in Higher Education: A Synthesis. , 2004, , 87-88.		6
88	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
89	Education for Integrated Rural Development: transformative learning in a complex and uncertain world. Journal of Agricultural Education and Extension, 2004, 10, 89-100.	2.2	5
90	Mediated Cross-Cultural Learning through Exchange in Higher Agricultural Education. Journal of Agricultural Education and Extension, 2010, 16, 5-22.	2.2	5

#	Article	IF	Citations
91	Environmental and sustainability education in the Benelux region. Environmental Education Research, 2018, 24, 1229-1233.	2.9	5
92	Learning in, with, and through the Territory: Territory-Based Learning as a Catalyst for Urban Sustainability. Sustainability, 2020, 12, 3000.	3.2	5
93	The Practice of Sustainability in Higher Education: An Introduction. , 2004, , 229-234.		3
94	Jhum meets IFOAM: introducing organic agriculture in a tribal society. International Journal of Agricultural Sustainability, 2009, 7, 95-106.	3.5	3
95	Global circulation and local manifestations of education for sustainable development with a focus on Japan. International Journal of Environment and Sustainable Development, 2010, 9, 37.	0.3	3
96	Creating a responsive curriculum for postgraduates: lessons from a case in Ghana. Journal of Further and Higher Education, 2019, 43, 573-588.	2.5	3
97	7. â€˜EYE for sustainabilityâ€™: a learning tool for change agents. , 2014, , 127-138.		3
98	Governance of differential stakeholder interests in supply chains and networks. Journal on Chain and Network Science, 2013, 13, 99-105.	1.6	2
99	Biology Studentsâ€™ Morality When Engaged With Moral Dilemmas in the Human-Nature Context. Frontiers in Education, 2021, 6, .	2.1	2
100	Sustainability-Oriented Social Learning in Multi-cultural Urban Areas: The Case of the Rotterdam Environmental Centre. , 2014, , 379-396.		2
101	Sustainability and Education. , 2016, , 1-6.		2
102	Tentative Directions for Environmental Education Research in Uncertain Times. , 0, , .		2
103	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
104	The Promise of Sustainability in Higher Education: An Introduction. , 0, , 91-95.		1
105	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
106	Mediated cross-cultural learning in the pursuit of sustainability. Journal of Agricultural Education and Extension, 2010, 16, 1-3.	2.2	0
107	Properties of c-Mpl expression in thrombopoietin-derived hepatic hematopoietic progenitors of xenopus laevis. Experimental Hematology, 2014, 42, S52.	0.4	0
108	Interaction analysis data of simulation gaming events using the serious game Aqua Republica. Data in Brief, 2018, 19, 2315-2328.	1.0	0

#	Article	IF	Citations
109	Regenerating the Socio-Ecological Quality of Urban Streams: The Potential of a Social Learning Approach. , 2021, , 67-98.		0
110	Sustainability and Education. , 2017, , 2205-2210.		0
111	34. Grounding the future in the past and the present: community-based sustainability in an old Japanese mining town. , 2017, , 427-435.		0