Sven Schade

List of Publications by Year
in descending order

40	1,421	567281 15	414414 32
papers	citations	h-index	g-index

43	43	43	2128
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Citizen science and the United Nations Sustainable Development Goals. Nature Sustainability, 2019, 2, 922-930.	23.7	378
2	Semantic Enablement for Spatial Data Infrastructures. Transactions in GIS, 2010, 14, 111-129.	2.3	136
3	Digital Earth's Nervous System for crisis events: real-time Sensor Web Enablement of Volunteered Geographic Information. International Journal of Digital Earth, 2010, 3, 242-259.	3.9	92
4	Future Internet technologies for environmental applications. Environmental Modelling and Software, 2016, 78, 1-15.	4.5	82
5	Big Earth Data science: an information framework for a sustainable planet. International Journal of Digital Earth, 2020, 13, 743-767.	3.9	76
6	Citizen-based sensing of crisis events: sensor web enablement for volunteered geographic information. Applied Geomatics, 2013, 5, 3-18.	2.5	52
7	From Sensor to Observation Web with Environmental Enablers in the Future Internet. Sensors, 2011, 11, 3874-3907.	3.8	49
8	A RESTful proxy and data model for linked sensor data. International Journal of Digital Earth, 2013, 6, 233-254.	3.9	48
9	Next Generation Air Quality Platform: Openness and Interoperability for the Internet of Things. Sensors, 2016, 16, 403.	3.8	48
10	Seeing the forest through the trees: A review of integrated environmental modelling tools. Computers, Environment and Urban Systems, 2013, 41, 136-150.	7.1	41
11	Citizen Science and Open Data: a model for Invasive Alien Species in Europe. Research Ideas and Outcomes, 0, 3, e14811.	1.0	35
12	Enhancing integrated environmental modelling by designing resource-oriented interfaces. Environmental Modelling and Software, 2013, 39, 229-246.	4.5	33
13	Increasing understanding of alien species through citizen science (Alien-CSI). Research Ideas and Outcomes, 0, 4, .	1.0	30
14	A domain-independent methodology to analyze IoT data streams in real-time. A proof of concept implementation for anomaly detection from environmental data. International Journal of Digital Earth, 2017, 10, 103-120.	3.9	29
15	Developing Mobile Applications for Environmental and Biodiversity Citizen Science: Considerations and Recommendations. , 2018, , 9-30.		25
16	Advancing Digital Earth: beyond the next generation. International Journal of Digital Earth, 2014, 7, 3-16.	3.9	23
17	Citizen science as a new approach in Geography and beyond: Review and reflections. Moravian Geographical Reports, 2019, 27, 254-264.	1.2	22
18	Defining principles for mobile apps and platforms development in citizen science. Research Ideas and Outcomes, 0, 4, e23394.	1.0	21

#	Article	IF	Citations
19	Architecture of a Service-Enabled Sensing Platform for the Environment. Sensors, 2015, 15, 4470-4495.	3.8	20
20	Defining principles for mobile apps and platforms development in citizen science. Research Ideas and Outcomes, 0, 3, e21283.	1.0	19
21	Aliens in Europe. An open approach to involve more people in invasive species detection. Computers, Environment and Urban Systems, 2019, 78, 101384.	7.1	18
22	Policy Perspectives on Citizen Science and Crowdsourcing. Citizen Science: Theory and Practice, 2019, 4, .	1.2	18
23	Data Integration in the Geospatial Semantic Web. Journal of Cases on Information Technology, 2009, 11, 100-122.	0.7	14
24	Closing Data Gaps with Citizen Science? Findings from the Danube Region. ISPRS International Journal of Geo-Information, 2017, 6, 277.	2.9	13
25	Citizen Science and Policy. , 2021, , 351-371.		12
26	Scientific data from and for the citizen. First Monday, 0, , .	0.6	10
27	Harmonization and Interoperability of EU Environmental Information and Services. IEEE Intelligent Systems, 2012, 27, 33-39.	4.0	9
28	Semantic Observation Integration. Future Internet, 2012, 4, 807-829.	3.8	9
29	Shaping digital earth applications through open innovation â€“ setting the scene for a digital earth living lab. International Journal of Digital Earth, 2014, 7, 594-612.	3.9	7
30	Mobile Apps to Fight the COVID-19 Crisis. Data, 2021, 6, 106.	2.3	7
31	Does DE need a C? A proposal for a DE curriculum. International Journal of Digital Earth, 2014, 7, 88-92.	3.9	6
32	Joint Statement on new opportunities for air quality sensing - lower-cost sensors for public authorities and citizen science initiatives. Research Ideas and Outcomes, 0, 5, .	1.0	6
33	Collaboration matters: capacity building, up-scaling, spreading, and sustainability in citizen-generated data projects. Humanities and Social Sciences Communications, 2021, 8, .	2.9	5
34	Environmental Information Systems on the Internet: A Need for Change. IFIP Advances in Information and Communication Technology, 2011, , 144-153.	0.7	5
35	Why linked data should not lead to next generation SDI. , 2012, , .		4
36	Exploring legitimization strategies for contested uses of citizen-generated data for policy. Journal of Human Rights and the Environment, 2020, 11, 74-102.	0.7	3

#	Article	IF	Citations
37	Pilot Application of â€˜Invasive Alien Species in Europeâ€™ Smartphone App in the Danube Region. Water (Switzerland), 2021, 13, 2952.	2.7	3
38	The Formosa Case: A Step Forward on the Acceptance of Citizen-Collected Evidence in Environmental Litigation?. Citizen Science: Theory and Practice, 2021, 6, 16.	1.2	2
39	Open Environmental Platforms: Top-Level Components and Relevant Standards. IFIP Advances in Information and Communication Technology, 2011, , 217-225.	0.7	2
40	Environmental Infrastructures and Platforms with Citizens Observatories and Linked Open Data. IFIP Advances in Information and Communication Technology, 2013, , 688-696.	0.7	1