Mordechai Haklay

List of Publications by Year
in descending order

106 papers	8,931 citations	101543 36 h-index	53230 85 g-index
127 all docs	127 docs citations	127 times ranked	8122 citing authors

#	Article	IF	Citations
1	OpenStreetMap: User-Generated Street Maps. IEEE Pervasive Computing, 2008, 7, 12-18.	1.3	1,996
2	How Good is Volunteered Geographical Information? A Comparative Study of OpenStreetMap and Ordnance Survey Datasets. Environment and Planning B: Planning and Design, 2010, 37, 682-703.	1.7	1,139
3	Citizen Science and Volunteered Geographic Information: Overview and Typology of Participation. , 2013, , 105-122.		495
4	Web Mapping 2.0: The Neogeography of the GeoWeb. Geography Compass, 2008, 2, 2011-2039.	2.7	409
5	Citizen science and the United Nations Sustainable Development Goals. Nature Sustainability, 2019, 2, 922-930.	23.7	378
6	A review of volunteered geographic information quality assessment methods. International Journal of Geographical Information Science, 2017, 31, 139-167.	4.8	325
7	Citizen Science Terminology Matters: Exploring Key Terms. Citizen Science: Theory and Practice, 2017, 2, 1.	1.2	313
8	How Many Volunteers Does it Take to Map an Area Well? The Validity of Linus' Law to Volunteered Geographic Information. Cartographic Journal, 2010, 47, 315-322.	1.5	311
9	Neogeography and the Delusion of Democratisation. Environment and Planning A, 2013, 45, 55-69.	3.6	185
10	Web-based GIS for collaborative planning and public participation: An application to the strategic planning of wind farm sites. Journal of Environmental Management, 2009, 90, 2027-2040.	7.8	181
11	Agent-Based Models and Individualism: Is the World Agent-Based?. Environment and Planning A, 2000, 32, 1409-1425.	3.6	153
12	Usability evaluation and PPGIS: towards a user-centred design approach. International Journal of Geographical Information Science, 2003, 17, 577-592.	4.8	153
13	Algorithmic governance: Developing a research agenda through the power of collective intelligence. Big Data and Society, 2017, 4, 205395171772655.	4.5	137
14	Assessing Data Completeness of VGI through an Automated Matching Procedure for Linear Data. Transactions in GIS, 2012, 16, 477-498.	2.3	122
15	Leveraging the power of place in citizen science for effective conservation decision making. Biological Conservation, 2017, 208, 55-64.	4.1	120
16	"So Go Downtown": Simulating Pedestrian Movement in Town Centres. Environment and Planning B: Planning and Design, 2001, 28, 343-359.	1.7	107
17	Patterns of contribution to citizen science biodiversity projects increase understanding of volunteers' recording behaviour. Scientific Reports, 2016, 6, 33051.	3.3	85
18	What Is Citizen Science? The Challenges of Definition. , 2021, , 13-33.		81

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19	Usability Engineering for GIS: Learning from a Screenshot. Cartographic Journal, 2008, 45, 87-97.	1.5	76
20	Taking Participatory Citizen Science to Extremes. IEEE Pervasive Computing, 2014, 13, 20-29.	1.3	72
21	Using crowdsourced imagery to detect cultural ecosystem services: a case study in South Wales, UK. Ecology and Society, 2016, 21, .	2.3	70
22	Crowdsourced geospatial data quality: challenges and future directions. International Journal of Geographical Information Science, 2019, 33, 1588-1593.	4.8	70
23	Requirements for Topology in 3D GIS. Transactions in GIS, 2006, 10, 157-175.	2.3	67
24	Awareness and Learning in Participatory Noise Sensing. PLoS ONE, 2013, 8, e81638.	2.5	61
25	Towards a global participatory platform. European Physical Journal: Special Topics, 2012, 214, 109-152.	2.6	60
26	Global Mapping of Citizen Science Projects for Disaster Risk Reduction. Frontiers in Earth Science, 2019, 7, .	1.8	60
27	Does urbanization make emergence of zoonosis more likely? Evidence, myths and gaps. Environment and Urbanization, 2019, 31, 443-460.	2.6	58
28	Contours of citizen science: a vignette study. Royal Society Open Science, 2021, 8, 202108.	2.4	56
29	Innovation in Citizen Science â€" Perspectives on Science-Policy Advances. Citizen Science: Theory and Practice, 2018, 3, 4.	1.2	56
30	Public access to environmental information: past, present and future. Computers, Environment and Urban Systems, 2003, 27, 163-180.	7.1	50
31	A Shared Perspective for PGIS and VGI. Cartographic Journal, 2016, 53, 308-317.	1.5	50
32	The epistemology(s) of volunteered geographic information: a critique. Geo: Geography and Environment, 2015, 2, 122-136.	0.8	49
33	Space and exclusion: does urban morphology play a part in social deprivation?. Area, 2005, 37, 402-412.	1.6	45
34	Do the suburbs exist? Discovering complexity and specificity in suburban built form. Transactions of the Institute of British Geographers, 2009, 34, 475-488.	2.9	45
35	Using triangulation to assess a suite of tools to measure community severance. Journal of Transport Geography, 2017, 60, 119-129.	5.0	44
36	What Do Lay People Want to Know About the Disposal of Nuclear Waste? A Mental Model Approach to the Design and Development of an Online Risk Communication. Risk Analysis, 2012, 32, 1496-1511.	2.7	42

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37	Why is participation inequality important?. , 2016, , 35-44.		41
38	How Does Policy Conceptualise Citizen Science? A Qualitative Content Analysis of International Policy Documents. Citizen Science: Theory and Practice, 2019, 4, 32.	1.2	39
39	The Potential of Public Participation Geographic Information Systems in UK Environmental Planning: Appraisals by Active Publics. Journal of Environmental Planning and Management, 2002, 45, 841-863.	4.5	37
40	The potential of a gis-based scoping system. Environmental Impact Assessment Review, 1998, 18, 439-459.	9.2	36
41	The problem with delineating narrow criteria for citizen science. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 15336-15337.	7.1	35
42	Selected Modern Methods and Tools for Public Participation in Urban Planning â€" A Review. Quaestiones Geographicae, 2018, 37, 127-149.	1.1	35
43	What do volunteers want from citizen science technologies? A systematic literature review and best practice guidelines. Journal of Science Communication, 2019, 18, A02.	0.8	33
44	Public Participation GIS and Participatory GIS in the Era of GeoWeb. Cartographic Journal, 2016, 53, 296-299.	1.5	29
45	Data and the City. , 0, , .		29
46	Exploring Engagement Characteristics and Behaviours of Environmental Volunteers. Citizen Science: Theory and Practice, 2017, 2, 5.	1.2	29
47	Public environmental information: understanding requirements and patterns of likely public use. Area, 2002, 34, 17-28.	1.6	28
48	A lessâ€"isâ€"more approach to geovisualization â€" enhancing knowledge construction across multidisciplinary teams. International Journal of Geographical Information Science, 2009, 23, 1077-1093.	4.8	28
49	Participatory soundscape sensing. Landscape and Urban Planning, 2018, 173, 64-69.	7.5	27
50	Developing Mobile Applications for Environmental and Biodiversity Citizen Science: Considerations and Recommendations. , 2018, , 9-30.		25
51	The Potential of Volunteered Geographic Information (VGI) in Future Transport Systems. Urban Planning, 2016, 1, 6-19.	1.3	24
52	Still in Need of Norms: The State of the Data in Citizen Science. Citizen Science: Theory and Practice, 2020, 5, .	1.2	24
53	ActEarly: a City Collaboratory approach to early promotion of good health and wellbeing. Wellcome Open Research, 2019, 4, 156.	1.8	23
54	Associations for Citizen Science: Regional Knowledge, Global Collaboration. Citizen Science: Theory and Practice, 2016, 1, 10.	1.2	23

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55	The Sustainable Suburban High Street: A Review of Themes and Approaches. Geography Compass, 2008, 2, 1155-1188.	2.7	21
56	Defining principles for mobile apps and platforms development in citizen science. Research Ideas and Outcomes, 0, 4, e23394.	1.0	21
57	Remote Sensing in Ecology and Conservation: three years on. Remote Sensing in Ecology and Conservation, 2017, 3, 53-56.	4.3	20
58	Making local knowledge matter. , 2013, , .		19
59	Supporting Collaboration with Non-Literate Forest Communities in the Congo-Basin. , 2017, , .		19
60	Defining principles for mobile apps and platforms development in citizen science. Research Ideas and Outcomes, 0, 3, e21283.	1.0	19
61	Digital engagement methods for earthquake and fire preparedness: a review. Natural Hazards, 2016, 83, 1583.	3.4	18
62	A suggested framework and guidelines for learning <scp>GIS</scp> in interdisciplinary research. Geo: Geography and Environment, 2017, 4, e00046.	0.8	18
63	Trust in Web GIS: the role of the trustee attributes in the design of trustworthy Web GIS applications. International Journal of Geographical Information Science, 2011, 25, 1913-1930.	4.8	17
64	Citizen Science for Observing and Understanding the Earth. , 2018, , 69-88.		17
65	User-Centred Design. , 2010, , 89-106.		16
66	User experience of digital technologies in citizen science. Journal of Science Communication, 2019, 18, E.	0.8	16
67	Public engagement with water conservation in London. Water and Environment Journal, 2011, 25, 555-562.	2.2	15
68	Guidelines for trust interface design for public engagement Web GIS. International Journal of Geographical Information Science, 2013, 27, 1668-1687.	4.8	14
69	Footprints in the sky: using student track logs from a â€œbird's eye viewâ€•virtual field trip to enhance learning. Journal of Geography in Higher Education, 2015, 39, 97-110.	2.6	14
70	Introducing Sapelli. , 2013, , .		14
71	Map Calculus in GIS: a proposal and demonstration. International Journal of Geographical Information Science, 2004, 18, 107-125.	4.8	13
72	Participatory mapping and foodâ€centred justice in informal settlements in Nairobi, Kenya. Geo: Geography and Environment, 2019, 6, e00077.	0.8	13

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73	Extreme citizen science: Lessons learned from initiatives around the globe. Conservation Science and Practice, 2022, 4, .	2.0	13
74	Geographic human-computer interaction. , 2013, , .		12
75	The Three Eras of Environmental Information: The Roles of Experts and the Public. Understanding Complex Systems, 2017, , 163-179.	0.6	12
76	Geographic information science: tribe, badge and sub–discipline. Transactions of the Institute of British Geographers, 2012, 37, 477-481.	2.9	11
77	A Mechanism to Create Community Maps for Non-technical Users. , 2009, , .		10
78	Using Sapelli in the Field: Methods and Data for an Inclusive Citizen Science. Frontiers in Ecology and Evolution, 2021, 9, .	2.2	10
79	Tiled Vectors: A Method for Vector Transmission over the Web. Lecture Notes in Computer Science, 2009, , 56-71.	1.3	10
80	Understanding the Influence of specific Web GIS Attributes in the Formation of non-experts' Trust Perceptions. Lecture Notes in Geoinformation and Cartography, 2011, , 219-238.	1.0	10
81	A mobile spatial messaging service for a grassroots environmental network. Journal of Location Based Services, 2008, 2, 122-152.	1.9	6
82	Evaluation and Deployment. , 2010, , 199-221.		6
83	Principles of Interaction. , 2010, , 179-198.		6
84	How Does Citizen Science "Do" Governance? Reflections from the DITOs Project. Citizen Science: Theory and Practice, 2019, 4, .	1.2	6
85	The Value of Stakeholder Mapping to Enhance Co-Creation in Citizen Science Initiatives. Citizen Science: Theory and Practice, 2019, 4, .	1.2	6
86	GeoKey - open infrastructure for community mapping and science. Human Computation, 2016, 3, 143-159.	1.4	5
87	Usability Dimensions in Collaborative GIS. , 2006, , 24-42.		5
88	The research agenda for topology and spatial databases. Computers, Environment and Urban Systems, 2007, 31, 373-378.	7.1	4
89	Single user Environments: Desktop to Mobile. , 2010, , 223-243.		4
90	Cartographic Theory and Principles. , 2010, , 37-65.		4

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91	A Flexible Database-Centric Platform for Citizen Science Data Capture. , 2011, , .		4
92	Tool, toolmaker, and scientist: case study experiences using GIS in interdisciplinary research. Cartography and Geographic Information Science, 2020, 47, 350-366.	3.0	4
93	Exploring factors associated with participation in citizen science among UK museum visitors aged 40â€"60: A qualitative study using the theoretical domains framework and the capability opportunity motivation-behaviour model. Public Understanding of Science, 2021, 30, 212-228.	2.8	4
94	On the Front Line of Community-Led Air Quality Monitoring. , 2019, , 563-580.		4
95	Computer-Mediated Communication, Collaboration and Groupware. , 2010, , 67-87.		3
96	Citizen science in Chinaâ€™s water resources monitoring: current status and future prospects. International Journal of Sustainable Development and World Ecology, 2022, 29, 277-290.	5.9	3
97	Extreme Citizen Science Contributions to the Sustainable Development Goals: Challenges and Opportunities for a Human-Centred Design Approach. Lecture Notes in Computer Science, 2022, , 20-35.	1.3	3
98	Usability Engineering. , 2010, , 107-123.		2
99	Citizen Science with GIS&T. Geographic Information Science & Technology Body of Knowledge, 2019, 2019, .	0.2	2
100	The End of the â€œARC/INFO Driving Licenceâ€•Era. Cartographica, 2010, 45, 85-88.	0.4	1
101	Application Planning. , 2010, , 125-143.		1
102	Crossing Disciplines To Address Urban Sustainability. Sustainability, 2012, 5, 34-37.	0.7	1
103	Usability and Interaction Dimensions of Participatory Noise and Ecological Monitoring. Understanding Complex Systems, 2017, , 201-212.	0.6	1
104	Practical Cartography. , 2010, , 145-178.		0
105	Creativity and Learning in Citizen Cyberscience â€" Lessons from the Citizen Cyberlab Summit. Human Computation, 2016, 3, 5-24.	1.4	0
106	The current state of citizen science in European and America eco-environmental research and management. Acta Ecologica Sinica, 2018, 38, .	0.1	0