

Iain M Brown

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/4056770/iain-m-brown-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

52
papers

1,019
citations

20
h-index

30
g-index

55
ext. papers

1,161
ext. citations

3.8
avg, IF

5
L-index

#	Paper	IF	Citations
52	Do habitat compensation schemes to offset losses from sea level rise and coastal squeeze represent a robust climate change adaptation response?. <i>Ocean and Coastal Management</i> , 2022 , 219, 106072	3.9	0
51	Landscape Modelling and Stakeholder Engagement: Participatory Approaches and Landscape Visualisation 2020 , 19-55		2
50	Snow cover variability in Great Britain during a changing climate. <i>Weather</i> , 2020 , 75, 61-66	0.9	1
49	Challenges in delivering climate change policy through land use targets for afforestation and peatland restoration. <i>Environmental Science and Policy</i> , 2020 , 107, 36-45	6.2	22
48	Flood risk management in sponge cities: The role of integrated simulation and 3D visualization. <i>International Journal of Disaster Risk Reduction</i> , 2019 , 39, 101139	4.5	36
47	Large-scale risk screening of raw water quality in the context of drinking water catchments and integrated response strategies. <i>Environmental Science and Policy</i> , 2019 , 100, 84-93	6.2	1
46	Snow cover duration and extent for Great Britain in a changing climate: Altitudinal variations and synoptic-scale influences. <i>International Journal of Climatology</i> , 2019 , 39, 4611-4626	3.5	7
45	Assessing climate change risks to the natural environment to facilitate cross-sectoral adaptation policy. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2018 , 376,	3	12
44	Advances in risk assessment for climate change adaptation policy. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2018 , 376,	3	47
43	Hierarchical bioclimate zonation to reference climate change across scales and its implications for nature conservation planning. <i>Applied Geography</i> , 2017 , 85, 126-138	4.4	5
42	Natural flood management, land use and climate change trade-offs: the case of Tarland catchment, Scotland. <i>Hydrological Sciences Journal</i> , 2017 , 62, 1931-1948	3.5	20
41	Climate change and soil wetness limitations for agriculture: Spatial risk assessment framework with application to Scotland. <i>Geoderma</i> , 2017 , 285, 173-184	6.7	16
40	Development of a Flood Warning Simulation System: A Case Study of 2007 Tewkesbury Flood. <i>E3S Web of Conferences</i> , 2016 , 7, 18021	0.5	2
39	Exploring the linkages between multifunctional forestry goals and the legacy of spruce plantations in Scotland. <i>Canadian Journal of Forest Research</i> , 2016 , 46, 1247-1254	1.9	14
38	Participatory scenario planning for developing innovation in community adaptation responses: three contrasting examples from Latin America. <i>Regional Environmental Change</i> , 2016 , 16, 1685-1700	4.3	24
37	Visualisation techniques to support public interpretation of future climate change and land-use choices: a case study from N-E Scotland. <i>International Journal of Digital Earth</i> , 2016 , 9, 586-605	3.9	11
36	Changes in climate variability with reference to land quality and agriculture in Scotland. <i>International Journal of Biometeorology</i> , 2015 , 59, 717-32	3.7	8

35	Identifying robust response options to manage environmental change using an Ecosystem Approach: A stress-testing case study for the UK XXX. <i>Environmental Science and Policy</i> , 2015 , 52, 74-88	6.2	16
34	Comparative Risk Assessment to Inform Adaptation Priorities for the Natural Environment: Observations from the First UK Climate Change Risk Assessment. <i>Climate</i> , 2015 , 3, 937-963	3.1	12
33	Can scenario-planning support community-based natural resource management? Experiences from three countries in Latin America. <i>Ecology and Society</i> , 2015 , 20,	4.1	13
32	A working typology of response options to manage environmental change and their scope for complementarity using an Ecosystem Approach. <i>Environmental Science and Policy</i> , 2015 , 52, 61-73	6.2	13
31	Evaluating Broadscale Morphological Change in the Coastal Zone Using a Logic-Based Behavioural Systems Approach. <i>Advances in Global Change Research</i> , 2015 , 147-165	1.2	
30	The squeezed middle—Identifying and addressing conflicting demands on intermediate quality farmland in Scotland. <i>Land Use Policy</i> , 2014 , 41, 206-216	5.6	19
29	Comparing Path Dependence and Spatial Targeting of Land Use in Implementing Climate Change Responses. <i>Land</i> , 2014 , 3, 850-873	3.5	7
28	Evaluating wider benefits of natural flood management strategies: an ecosystem-based adaptation perspective 2014 , 45, 774-787		55
27	Scenario analysis for regional decision-making on sustainable multifunctional land uses. <i>Regional Environmental Change</i> , 2014 , 14, 1357-1371	4.3	31
26	Influence of seasonal weather and climate variability on crop yields in Scotland. <i>International Journal of Biometeorology</i> , 2013 , 57, 605-14	3.7	32
25	Relationships between climate, water resources, land use and diffuse pollution and the significance of uncertainty in climate change. <i>Journal of Hydrology</i> , 2012 , 434-435, 19-35	6	54
24	Woodland networks in a changing climate: Threats from land use change. <i>Biological Conservation</i> , 2012 , 149, 93-102	6.2	20
23	Spatio-temporal MODIS EVI gap filling under cloud cover: An example in Scotland. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2012 , 72, 56-72	11.8	53
22	Climate change, drought risk and land capability for agriculture: implications for land use in Scotland. <i>Regional Environmental Change</i> , 2011 , 11, 503-518	4.3	43
21	Soil available water capacity interpolation and spatial uncertainty modelling at multiple geographical extents. <i>Geoderma</i> , 2010 , 160, 175-188	6.7	34
20	Simulation scenarios of spatio-temporal arrangement of crops at the landscape scale. <i>Environmental Modelling and Software</i> , 2010 , 25, 1881-1889	5.2	55
19	Multi-Functional Assessment of Coastal Landscapes with Climate Change. <i>Coastal Systems and Continental Margins</i> , 2010 , 335-346		1
18	The future of the uplands. <i>Land Use Policy</i> , 2009 , 26, S204-S216	5.6	68

17	Land capability: A strategic planning tool for integrated climate change responses. <i>IOP Conference Series: Earth and Environmental Science</i> , 2009 , 6, 342015	0.3	
16	Influence of climate change on agricultural land-use potential: adapting and updating the land capability system for Scotland. <i>Climate Research</i> , 2008 , 37, 43-57	1.6	45
15	Climate change in the uplands: a UK perspective on safeguarding regulatory ecosystem services. <i>Climate Research</i> , 2008 , 37, 77-98	1.6	30
14	The Development of a Visualization Methodology for Integrated Coastal Management. <i>Coastal Management</i> , 2007 , 35, 525-544	3.3	15
13	Broad-Scale Analysis of Morphological and Climate Impacts on Coastal Flood Risk 2006 , 1		2
12	Dynamic simulation and visualisation of coastal erosion. <i>Computers, Environment and Urban Systems</i> , 2006 , 30, 840-860	5.9	33
11	Modelling future landscape change on coastal floodplains using a rule-based GIS. <i>Environmental Modelling and Software</i> , 2006 , 21, 1479-1490	5.2	51
10	Wettest cities. <i>Weather</i> , 2004 , 59, 355-356	0.9	1
9	The creation and characterisation of a bioclimatic classification for Britain and Ireland. <i>Journal for Nature Conservation</i> , 2003 , 11, 5-13	2.3	20
8	Developing a Virtual Reality User Interface (VRUI) for Geographic Information Retrieval on the Internet. <i>Transactions in GIS</i> , 1999 , 3, 207-220	2.1	23
7	A generic system for integrated modelling of multi-dimensional spatial data. <i>Physics and Chemistry of the Earth</i> , 1998 , 23, 285-287		
6	A 3D user interface for visualisation of Web-based data-sets 1998 ,		4
5	A new method for correlation of multiple stratigraphic sequences. <i>Computers and Geosciences</i> , 1997 , 23, 697-700	4.5	2
4	Former glacial lakes in the Dee valley: origin, drainage and significance. <i>Scottish Journal of Geology</i> , 1994 , 30, 147-158	1.4	2
3	Pattern of deglaciation of the last (Late Devensian) Scottish ice sheet: Evidence from ice-marginal deposits in the Dee valley, Northeast Scotland. <i>Journal of Quaternary Science</i> , 1993 , 8, 235-250	2.3	25
2	Quaternary glaciations of New Guinea. <i>Quaternary Science Reviews</i> , 1990 , 9, 273-280	3.9	8
1	Natural flood management as a climate change adaptation option assessed using an ecosystem services approach		3