

# Stuart C Brown

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2715116/publications.pdf>

Version: 2024-02-01

21  
papers

803  
citations

759233

12  
h-index

713466

21  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1659  
citing authors

#	ARTICLE	IF	CITATIONS
1	Using paleo-archives to safeguard biodiversity under climate change. <i>Science</i> , 2020, 369, .	12.6	98
2	Spatial resilience of the Great Barrier Reef under cumulative disturbance impacts. <i>Global Change Biology</i> , 2019, 25, 2431-2445.	9.5	92
3	Introduced cats ( <i>Felis catus</i> ) eating a continental fauna: The number of mammals killed in Australia. <i>Biological Conservation</i> , 2019, 237, 28-40.	4.1	90
4	Assessment of Spatiotemporal Varying Relationships Between Rainfall, Land Cover and Surface Water Area Using Geographically Weighted Regression. <i>Environmental Modeling and Assessment</i> , 2012, 17, 241-254.	2.2	74
5	How complex should models be? Comparing correlative and mechanistic range dynamics models. <i>Global Change Biology</i> , 2018, 24, 1357-1370.	9.5	71
6	Persistent Quaternary climate refugia are hospices for biodiversity in the Anthropocene. <i>Nature Climate Change</i> , 2020, 10, 244-248.	18.8	70
7	Evolutionary history and past climate change shape the distribution of genetic diversity in terrestrial mammals. <i>Nature Communications</i> , 2020, 11, 2557.	12.8	62
8	Predicting the likely response of data-poor ecosystems to climate change using space-for-time substitution across domains. <i>Global Change Biology</i> , 2014, 20, 3471-3481.	9.5	44
9	Assessing the impact of drought and forestry on streamflows in south-eastern Australia using a physically based hydrological model. <i>Environmental Earth Sciences</i> , 2015, 74, 6047-6063.	2.7	38
10	Why decadal to century timescale palaeoclimate data are needed to explain present-day patterns of biological diversity and change. <i>Global Change Biology</i> , 2018, 24, 1371-1381.	9.5	32
11	Hydrologic Landscape Regionalisation Using Deductive Classification and Random Forests. <i>PLoS ONE</i> , 2014, 9, e112856.	2.5	23
12	Process-explicit models reveal pathway to extinction for woolly mammoth using pattern-oriented validation. <i>Ecology Letters</i> , 2022, 25, 125-137.	6.4	22
13	poems: R package for simulating species' range dynamics using pattern-oriented validation. <i>Methods in Ecology and Evolution</i> , 2021, 12, 2364-2371.	5.2	14
14	Aspects of the biology of <i>Galaxias maculatus</i> . <i>Journal of Fish Biology</i> , 2012, 81, 1085-1100.	1.6	13
15	Cradles of diversity are unlikely relics of regional climate stability. <i>Current Biology</i> , 2019, 29, R356-R357.	3.9	12
16	StableClim, continuous projections of climate stability from 21000 BP to 2100%CE at multiple spatial scales. <i>Scientific Data</i> , 2020, 7, 335.	5.3	12
17	The Australian National Rabbit Database: 50Âyr of population monitoring of an invasive species. <i>Ecology</i> , 2019, 100, e02750.	3.2	10
18	Models of spatiotemporal variation in rabbit abundance reveal management hot spots for an invasive species. <i>Ecological Applications</i> , 2020, 30, e02083.	3.8	10

#	ARTICLE	IF	CITATIONS
19	Identifying island safe havens to prevent the extinction of the World's largest lizard from global warming. <i>Ecology and Evolution</i> , 2020, 10, 10492-10507.	1.9	9
20	Efficacy of lethal-trap devices to improve the welfare of trapped wild dogs. <i>Wildlife Research</i> , 2019, 46, 89.	1.4	4
21	Faster ocean warming threatens richest areas of marine biodiversity. <i>Global Change Biology</i> , 2022, 28, 5849-5858.	9.5	2