

Reinette Oonsie Biggs

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

17,911
citations

87843

38
h-index

123376

61
g-index

66
all docs

66
docs citations

66
times ranked

20866
citing authors

#	ARTICLE	IF	CITATIONS
1	Planetary boundaries: Guiding human development on a changing planet. <i>Science</i> , 2015, 347, 1259855.	6.0	7,124
2	Scenarios for Global Biodiversity in the 21st Century. <i>Science</i> , 2010, 330, 1496-1501.	6.0	1,570
3	Toward Principles for Enhancing the Resilience of Ecosystem Services. <i>Annual Review of Environment and Resources</i> , 2012, 37, 421-448.	5.6	844
4	Ecosystem stewardship: sustainability strategies for a rapidly changing planet. <i>Trends in Ecology and Evolution</i> , 2010, 25, 241-249.	4.2	744
5	Principles for knowledge co-production in sustainability research. <i>Nature Sustainability</i> , 2020, 3, 182-190.	11.5	697
6	Social-ecological resilience and biosphere-based sustainability science. <i>Ecology and Society</i> , 2016, 21, .	1.0	616
7	Turning back from the brink: Detecting an impending regime shift in time to avert it. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 826-831.	3.3	587
8	Bright spots: seeds of a good Anthropocene. <i>Frontiers in Ecology and the Environment</i> , 2016, 14, 441-448.	1.9	414
9	A biodiversity intactness index. <i>Nature</i> , 2005, 434, 45-49.	13.7	400
10	Getting the measure of ecosystem services: a social-ecological approach. <i>Frontiers in Ecology and the Environment</i> , 2013, 11, 268-273.	1.9	330
11	Advancing sustainability through mainstreaming a social-ecological systems perspective. <i>Current Opinion in Environmental Sustainability</i> , 2015, 14, 144-149.	3.1	274
12	General Resilience to Cope with Extreme Events. <i>Sustainability</i> , 2012, 4, 3248-3259.	1.6	268
13	Social-ecological systems as complex adaptive systems: organizing principles for advancing research methods and approaches. <i>Ecology and Society</i> , 2018, 23, .	1.0	268
14	Navigating the Back Loop: Fostering Social Innovation and Transformation in Ecosystem Management. <i>Ecology and Society</i> , 2010, 15, .	1.0	236
15	Approaches to defining a planetary boundary for biodiversity. <i>Global Environmental Change</i> , 2014, 28, 289-297.	3.6	236
16	Invasive plants as drivers of regime shifts: identifying high-priority invaders that alter feedback relationships. <i>Diversity and Distributions</i> , 2014, 20, 733-744.	1.9	214
17	Multi-scale and cross-scale assessments of social-ecological systems and their ecosystem services. <i>Current Opinion in Environmental Sustainability</i> , 2013, 5, 16-25.	3.1	196
18	Measuring conditions and trends in ecosystem services at multiple scales: the Southern African Millennium Ecosystem Assessment (SA f MA) experience. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2005, 360, 425-441.	1.8	170

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19	Social-Ecological Systems Insights for Navigating the Dynamics of the Anthropocene. Annual Review of Environment and Resources, 2018, 43, 267-289.	5.6	167
20	Mapping social-ecological systems: Identifying "green-loop"™ and "red-loop"™ dynamics based on characteristic bundles of ecosystem service use. Global Environmental Change, 2015, 34, 218-226.	3.6	153
21	Marine regime shifts: drivers and impacts on ecosystems services. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20130273.	1.8	153
22	Linking Futures across Scales: a Dialog on Multiscale Scenarios. Ecology and Society, 2007, 12, .	1.0	145
23	Synchronous failure: the emerging causal architecture of global crisis. Ecology and Society, 2015, 20, .	1.0	144
24	Methods for Developing Multiscale Participatory Scenarios: Insights from Southern Africa and Europe. Ecology and Society, 2007, 12, .	1.0	136
25	Understanding Regional Change: A Comparison of Two Lake Districts. BioScience, 2007, 57, 323-335.	2.2	129
26	Regime shifts and management. Ecological Economics, 2012, 84, 15-22.	2.9	124
27	Regime Shifts in the Anthropocene: Drivers, Risks, and Resilience. PLoS ONE, 2015, 10, e0134639.	1.1	117
28	The Regime Shifts Database: a framework for analyzing regime shifts in social-ecological systems. Ecology and Society, 2018, 23, .	1.0	113
29	Using futures methods to create transformative spaces: visions of a good Anthropocene in southern Africa. Ecology and Society, 2018, 23, .	1.0	106
30	Incorporating Resilience in the Assessment of Inclusive Wealth: An Example from South East Australia. Environmental and Resource Economics, 2010, 45, 183-202.	1.5	102
31	Fostering Complexity Thinking in Action Research for Change in Social–Ecological Systems. Ecology and Society, 2013, 18, .	1.0	101
32	Scenarios of biodiversity loss in southern Africa in the 21st century. Global Environmental Change, 2008, 18, 296-309.	3.6	90
33	Are We Entering an Era of Concatenated Global Crises?. Ecology and Society, 2011, 16, .	1.0	73
34	Strategies for managing complex social-ecological systems in the face of uncertainty: examples from South Africa and beyond. Ecology and Society, 2015, 20, .	1.0	64
35	Social-ecological drivers and impacts of invasion-related regime shifts: consequences for ecosystem services and human wellbeing. Environmental Science and Policy, 2018, 89, 300-314.	2.4	50
36	Seeds of good anthropocenes: developing sustainability scenarios for Northern Europe. Sustainability Science, 2020, 15, 605-617.	2.5	48

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37	A framework for conceptualizing and assessing the resilience of essential services produced by socio-technical systems. <i>Ecology and Society</i> , 2018, 23, .	1.0	47
38	Interacting Regional-Scale Regime Shifts for Biodiversity and Ecosystem Services. <i>BioScience</i> , 2014, 64, 665-679.	2.2	41
39	Making Sense of Complexity: Using SenseMaker as a Research Tool. <i>Systems</i> , 2019, 7, 25.	1.2	41
40	Food System Transformation: Integrating a Politicalâ€“Economy and Socialâ€“Ecological Approach to Regime Shifts. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1313.	1.2	38
41	Preparing for the future: teaching scenario planning at the graduate level. <i>Frontiers in Ecology and the Environment</i> , 2010, 8, 267-273.	1.9	35
42	Spurious Certainty: How Ignoring Measurement Error and Environmental Heterogeneity May Contribute to Environmental Controversies. <i>BioScience</i> , 2009, 59, 65-76.	2.2	32
43	Exploring the usefulness of scenario archetypes in science-policy processes: experience across IPBES assessments. <i>Ecology and Society</i> , 2019, 24, .	1.0	32
44	Navigating alternative framings of human-environment interactions: Variations on the theme of â€“Finding Nemoâ€™. <i>Anthropocene</i> , 2017, 20, 83-87.	1.6	31
45	Weâ€™re ready, the systemâ€™s not â€“ youth perspectives on agricultural careers in South Africa. <i>Agrekon</i> , 2019, 58, 154-179.	0.5	31
46	Woody Encroachment as a Social-Ecological Regime Shift. <i>Sustainability</i> , 2018, 10, 2221.	1.6	30
47	Effectiveness of private land conservation areas in maintaining natural land cover and biodiversity intactness. <i>Global Ecology and Conservation</i> , 2020, 22, e00935.	1.0	30
48	Advancing a toolkit of diverse futures approaches for global environmental assessments. <i>Ecosystems and People</i> , 2021, 17, 191-204.	1.3	29
49	Patchwork Earth: navigating pathways to just, thriving, and sustainable futures. <i>One Earth</i> , 2021, 4, 172-176.	3.6	29
50	An Exploration of Human Well-Being Bundles as Identifiers of Ecosystem Service Use Patterns. <i>PLoS ONE</i> , 2016, 11, e0163476.	1.1	28
51	Towards integrated socialâ€“ecological sustainability indicators: Exploring the contribution and gaps in existing global data. <i>Ecological Economics</i> , 2015, 118, 140-146.	2.9	26
52	Harnessing Insights from Social-Ecological Systems Research for Monitoring Sustainable Development. <i>Sustainability</i> , 2019, 11, 1190.	1.6	24
53	Earth stewardship: Shaping a sustainable future through interacting policy and norm shifts. <i>Ambio</i> , 2022, 51, 1907-1920.	2.8	23
54	Zooplankton and the total phosphorus â€“ chlorophyll a relationship: hierarchical Bayesian analysis of measurement error. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2008, 65, 2644-2655.	0.7	21

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55	Principle 2 “ Manage connectivity. , 2015, , 80-104.		21
56	Scenarios of Good Anthropocenes in southern Africa. Futures, 2020, 118, 102526.	1.4	21
57	Seeds of the Future in the Present. , 2018, , 327-350.		19
58	Measuring uncertainty in estimates of biodiversity loss: The example of biodiversity intactness variance. Biological Conservation, 2008, 141, 1091-1094.	1.9	15
59	Principle 5 “ Encourage learning. , 2015, , 174-200.		13
60	Applied research for enhancing human well-being and environmental stewardship: using complexity thinking in Southern Africa. Ecology and Society, 2015, 20, .	1.0	11
61	Sensemaking as an approach for resilience assessment in an Essential Service Organization. Environment Systems and Decisions, 2020, 40, 84-106.	1.9	10
62	Impacts of a trophy hunting ban on private land conservation in South African biodiversity hotspots. Conservation Science and Practice, 2020, 2, e214.	0.9	10
63	Planning for change: Transformation labs for an alternative food system in Cape Town, South Africa. Urban Transformations, 2020, 2, 13.	1.5	7
64	Co“exploring relational heuristics for sustainability transitions towards more resilient and just Anthropocene futures. Systems Research and Behavioral Science, 2021, 38, 625-634.	0.9	7