

Belinda Reyers

List of Publications by Year in descending order

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Version: 2024-02-01

106
papers

22,438
citations

36303

51
h-index

34986

98
g-index

107
all docs

107
docs citations

107
times ranked

25107
citing authors

#	ARTICLE	IF	CITATIONS
1	Planetary boundaries: Guiding human development on a changing planet. <i>Science</i> , 2015, 347, 1259855.	12.6	7,124
2	The IPBES Conceptual Framework “connecting nature and people. <i>Current Opinion in Environmental Sustainability</i> , 2015, 14, 1-16.	6.3	1,658
3	Pervasive human-driven decline of life on Earth points to the need for transformative change. <i>Science</i> , 2019, 366, .	12.6	1,213
4	Essential Biodiversity Variables. <i>Science</i> , 2013, 339, 277-278.	12.6	1,150
5	Natural capital and ecosystem services informing decisions: From promise to practice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 7348-7355.	7.1	717
6	Principles for knowledge co-production in sustainability research. <i>Nature Sustainability</i> , 2020, 3, 182-190.	23.7	697
7	Social-ecological resilience and biosphere-based sustainability science. <i>Ecology and Society</i> , 2016, 21, .	2.3	616
8	Linking biodiversity, ecosystem services, and human well-being: three challenges for designing research for sustainability. <i>Current Opinion in Environmental Sustainability</i> , 2015, 14, 76-85.	6.3	559
9	Integration: the key to implementing the Sustainable Development Goals. <i>Sustainability Science</i> , 2017, 12, 911-919.	4.9	554
10	An operational model for mainstreaming ecosystem services for implementation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 9483-9488.	7.1	518
11	Mapping ecosystem services for planning and management. <i>Agriculture, Ecosystems and Environment</i> , 2008, 127, 135-140.	5.3	461
12	Conserving Biodiversity Efficiently: What to Do, Where, and When. <i>PLoS Biology</i> , 2007, 5, e223.	5.6	398
13	Getting the measure of ecosystem services: a social-ecological approach. <i>Frontiers in Ecology and the Environment</i> , 2013, 11, 268-273.	4.0	330
14	Integrating ecosystem services into conservation assessments: A review. <i>Ecological Economics</i> , 2007, 63, 714-721.	5.7	292
15	Framing the concept of satellite remote sensing essential biodiversity variables: challenges and future directions. <i>Remote Sensing in Ecology and Conservation</i> , 2016, 2, 122-131.	4.3	243
16	Spatial congruence between biodiversity and ecosystem services in South Africa. <i>Biological Conservation</i> , 2009, 142, 553-562.	4.1	240
17	Approaches to defining a planetary boundary for biodiversity. <i>Global Environmental Change</i> , 2014, 28, 289-297.	7.8	236
18	Equity and sustainability in the Anthropocene: a social-ecological systems perspective on their intertwined futures. <i>Global Sustainability</i> , 2018, 1, .	3.3	204

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19	A biome-scale assessment of the impact of invasive alien plants on ecosystem services in South Africa. <i>Journal of Environmental Management</i> , 2008, 89, 336-349.	7.8	197
20	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.	6.3	196
21	Piloting a social-ecological index for measuring flood resilience: A composite index approach. <i>Ecological Indicators</i> , 2016, 60, 45-53.	6.3	188
22	Rivers in peril inside and outside protected areas: a systematic approach to conservation assessment of river ecosystems. <i>Diversity and Distributions</i> , 2007, 13, 341-352.	4.1	173
23	Ecosystem Services, Land-Cover Change, and Stakeholders: Finding a Sustainable Foothold for a Semiarid Biodiversity Hotspot. <i>Ecology and Society</i> , 2009, 14, .	2.3	171
24	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.	4.0	170
25	Social-Ecological Systems Insights for Navigating the Dynamics of the Anthropocene. <i>Annual Review of Environment and Resources</i> , 2018, 43, 267-289.	13.4	167
26	Finding Common Ground for Biodiversity and Ecosystem Services. <i>BioScience</i> , 2012, 62, 503-507.	4.9	161
27	Mapping social-ecological systems: Identifying "green-loop" and "red-loop" dynamics based on characteristic bundles of ecosystem service use. <i>Global Environmental Change</i> , 2015, 34, 218-226.	7.8	153
28	Identifying priority areas for ecosystem service management in South African grasslands. <i>Journal of Environmental Management</i> , 2011, 92, 1642-1650.	7.8	142
29	A Global System for Monitoring Ecosystem Service Change. <i>BioScience</i> , 2012, 62, 977-986.	4.9	142
30	Knowledge co-production and boundary work to promote implementation of conservation plans. <i>Conservation Biology</i> , 2016, 30, 176-188.	4.7	142
31	Navigating complexity through knowledge coproduction: Mainstreaming ecosystem services into disaster risk reduction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 7362-7368.	7.1	139
32	Conservation Planning as a Transdisciplinary Process. <i>Conservation Biology</i> , 2010, 24, 957-965.	4.7	136
33	Establishing IUCN Red List Criteria for Threatened Ecosystems. <i>Conservation Biology</i> , 2011, 25, 21-29.	4.7	132
34	Essential Variables help to focus Sustainable Development Goals monitoring. <i>Current Opinion in Environmental Sustainability</i> , 2017, 26-27, 97-105.	6.3	126
35	Setting the bar: Standards for ecosystem services. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 7356-7361.	7.1	124
36	Global targets that reveal the social-ecological interdependencies of sustainable development. <i>Nature Ecology and Evolution</i> , 2020, 4, 1011-1019.	7.8	115

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37	Conserving pattern and process in the Southern Ocean: designing a Marine Protected Area for the Prince Edward Islands. <i>Antarctic Science</i> , 2007, 19, 39-54.	0.9	100
38	The role of private conservation areas in biodiversity representation and target achievement within the Little Karoo region, South Africa. <i>Biological Conservation</i> , 2009, 142, 446-454.	4.1	99
39	Expanding protected areas beyond their terrestrial comfort zone: Identifying spatial options for river conservation. <i>Biological Conservation</i> , 2009, 142, 1605-1616.	4.1	90
40	Multi-functional landscapes in semi arid environments: implications for biodiversity and ecosystem services. <i>Landscape Ecology</i> , 2010, 25, 1231-1246.	4.2	89
41	Conservation in Practice: Future Ecosystem Services in a Southern African River Basin: a Scenario Planning Approach to Uncertainty. <i>Conservation Biology</i> , 2006, 20, 1051-1061.	4.7	82
42	Climate change and the tick-borne disease, Theileriosis (East Coast fever) in sub-Saharan Africa. <i>Journal of Arid Environments</i> , 2008, 72, 108-120.	2.4	79
43	Review of multispecies indices for monitoring human impacts on biodiversity. <i>Ecological Indicators</i> , 2012, 17, 58-67.	6.3	78
44	Safeguarding Biodiversity and Ecosystem Services in the Little Karoo, South Africa. <i>Conservation Biology</i> , 2010, 24, 1021-1030.	4.7	66
45	Natural Hazards in a Changing World: A Case for Ecosystem-Based Management. <i>PLoS ONE</i> , 2014, 9, e95942.	2.5	64
46	Improving the Key Biodiversity Areas Approach for Effective Conservation Planning. <i>BioScience</i> , 2007, 57, 256-261.	4.9	62
47	Biodiversity and ecosystem services science for a sustainable planet: the DIVERSITAS vision for 2012-2020. <i>Current Opinion in Environmental Sustainability</i> , 2012, 4, 101-105.	6.3	62
48	Impacts of land change on biodiversity: making the link to ecosystem services. <i>Current Opinion in Environmental Sustainability</i> , 2013, 5, 503-508.	6.3	62
49	Priority areas for the conservation of South African vegetation: a coarse-filter approach. <i>Diversity and Distributions</i> , 2001, 7, 79-95.	4.1	59
50	Designing a conservation area network that supports the representation and persistence of freshwater biodiversity. <i>Freshwater Biology</i> , 2011, 56, 106-124.	2.4	58
51	Expanding the conservation toolbox: conservation planning of multifunctional landscapes. <i>Landscape Ecology</i> , 2012, 27, 1121-1134.	4.2	53
52	Opportunities and challenges for mainstreaming ecosystem services in development planning: perspectives from a landscape level. <i>Landscape Ecology</i> , 2014, 29, 1315-1331.	4.2	53
53	Title is missing!. <i>Biodiversity and Conservation</i> , 2001, 10, 1221-1246.	2.6	52
54	Incorporating anthropogenic threats into evaluations of regional biodiversity and prioritisation of conservation areas in the Limpopo Province, South Africa. <i>Biological Conservation</i> , 2004, 118, 521-531.	4.1	50

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55	Exploring the Gap between Ecosystem Service Research and Management in Development Planning. Sustainability, 2014, 6, 3802-3824.	3.2	50
56	Extrapolating population size from the occupancyâ€“abundance relationship and the scaling pattern of occupancy. Ecological Applications, 2009, 19, 2038-2048.	3.8	49
57	Fostering collaboration for knowledge and action in disaster management in South Africa. Current Opinion in Environmental Sustainability, 2016, 19, 94-102.	6.3	49
58	Species and environment representation: selecting reserves for the retention of avian diversity in KwaZulu-Natal, South Africa. Biological Conservation, 2001, 98, 365-379.	4.1	48
59	On fair, effective and efficient REDD mechanism design. Carbon Balance and Management, 2009, 4, 11.	3.2	47
60	Do ecosystem service maps and models meet stakeholdersâ€™ needs? A preliminary survey across sub-Saharan Africa. Ecosystem Services, 2016, 18, 110-117.	5.4	47
61	Reconciling well-being and resilience for sustainable development. Nature Sustainability, 2022, 5, 287-293.	23.7	47
62	Developing products for conservation decisionâ€“making: lessons from a spatial biodiversity assessment for South Africa. Diversity and Distributions, 2007, 13, 608-619.	4.1	42
63	Can ecosystem services lead ecology on a transdisciplinary pathway?. Environmental Conservation, 2010, 37, 501-511.	1.3	42
64	The economics of ecosystem services: from local analysis to national policies. Current Opinion in Environmental Sustainability, 2013, 5, 78-86.	6.3	41
65	Research priorities for managing the impacts and dependencies of business upon food, energy, water and the environment. Sustainability Science, 2017, 12, 319-331.	4.9	41
66	Identification of potential conflict areas between land transformation and biodiversity conservation in north-eastern South Africa. Agriculture, Ecosystems and Environment, 2003, 95, 157-178.	5.3	38
67	The contributions of resilience to reshaping sustainable development. Nature Sustainability, 2022, 5, 657-664.	23.7	38
68	The possibilities and pitfalls presented by a pragmatic approach to ecosystem service valuation in an arid biodiversity hotspot. Journal of Arid Environments, 2011, 75, 612-623.	2.4	37
69	A Conceptual Framework for Assessing the Benefits of a Global Earth Observation System of Systems. IEEE Systems Journal, 2008, 2, 338-348.	4.6	35
70	Determinants of terrestrial arthropod community composition at Cape Hallett, Antarctica. Antarctic Science, 2006, 18, 303-312.	0.9	32
71	What drives the use of scientific evidence in decision making? The case of the South African Working for Water program. Biological Conservation, 2015, 184, 136-144.	4.1	30
72	A Continental-Scale Validation of Ecosystem Service Models. Ecosystems, 2019, 22, 1902-1917.	3.4	28

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73	An Exploration of Human Well-Being Bundles as Identifiers of Ecosystem Service Use Patterns. PLoS ONE, 2016, 11, e0163476.	2.5	28
74	Rethinking resilience and development: A coevolutionary perspective. Ambio, 2021, 50, 1304-1312.	5.5	27
75	A multicriteria approach to reserve selection: addressing long-term biodiversity maintenance. Biodiversity and Conservation, 2002, 11, 769-793.	2.6	26
76	Towards integrated social-ecological sustainability indicators: Exploring the contribution and gaps in existing global data. Ecological Economics, 2015, 118, 140-146.	5.7	26
77	National biodiversity risk assessment: a composite multivariate and index approach. Biodiversity and Conservation, 1998, 7, 945-965.	2.6	25
78	Estimating the abundances of large herbivores in the Kruger National Park using presence-absence data. Animal Conservation, 2004, 7, 55-61.	2.9	25
79	Spatial optimization of carbon-stocking projects across Africa integrating stocking potential with co-benefits and feasibility. Nature Communications, 2013, 4, 2975.	12.8	25
80	Harnessing Insights from Social-Ecological Systems Research for Monitoring Sustainable Development. Sustainability, 2019, 11, 1190.	3.2	24
81	A Comparison of Nonfatal Unintentional Injuries in the United States Among U.S.-Born and Foreign-Born Persons. Journal of Community Health, 2006, 31, 303-325.	3.8	23
82	Confronting the costs and conflicts associated with biodiversity. Animal Conservation, 2010, 13, 429-431.	2.9	23
83	Ensembles of ecosystem service models can improve accuracy and indicate uncertainty. Science of the Total Environment, 2020, 747, 141006.	8.0	23
84	Assessing the Evidence Base for Restoration in South Africa. Restoration Ecology, 2011, 19, 578-586.	2.9	21
85	The Race for Space: Tracking Land-Cover Transformation in a Socio-ecological Landscape, South Africa. Environmental Management, 2013, 52, 595-611.	2.7	20
86	Ecosystem Services. , 2017, , 39-78.		19
87	Host-parasite distribution patterns under simulated climate: implications for tick-borne diseases. International Journal of Climatology, 2009, 29, 993-1000.	3.5	16
88	Why care about theories? Innovative ways of theorizing in sustainability science. Current Opinion in Environmental Sustainability, 2022, 54, 101154.	6.3	14
89	An upgraded national biodiversity risk assessment index. , 1999, 8, 1555-1560.		13
90	Costs of Expanding the Network of Protected Areas as a Response to Climate Change in the Cape Floristic Region. Conservation Biology, 2012, 26, 397-407.	4.7	11

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91	Effect of Land Cover and Ecosystem Mapping on Ecosystem Risk Assessment in the Little Karoo, South Africa. <i>Conservation Biology</i> , 2013, 27, 531-541.	4.7	11
92	Identifying Challenges to Building an Evidence Base for Restoration Practice. <i>Sustainability</i> , 2015, 7, 15871-15881.	3.2	10
93	Meeting the challenge of conserving Africa's biodiversity: The role of GIS, now and in the future. <i>Landscape and Urban Planning</i> , 2011, 100, 411-414.	7.5	8
94	Taxonomic and phylogenetic distinctiveness in regional conservation assessments: a case study based on extant South African Chiroptera and Carnivora. <i>Animal Conservation</i> , 2005, 8, 279-288.	2.9	6
95	Insurers could help address climate risks. <i>Nature</i> , 2011, 476, 33-33.	27.8	6
96	Conserving Biodiversity Outside Protected Areas. , 2013, , 289-305.		5
97	Investments' role in ecosystem degradation Response. <i>Science</i> , 2020, 368, 377-377.	12.6	5
98	The Common Ground of Biodiversity and Ecosystem Services Demonstrated: A Response to Faith. <i>BioScience</i> , 2012, 62, 785-786.	4.9	4
99	A comparative analysis of components incorporated in conservation priority assessments: a case study based on South African species of terrestrial mammals. <i>African Zoology</i> , 2007, 42, 97-111.	0.4	3
100	Animal conservation and ecosystem services: garnering the support of mightier forces. <i>Animal Conservation</i> , 2010, 13, 523-525.	2.9	3
101	Post-2020 aspirations for biodiversity. <i>One Earth</i> , 2021, 4, 893-896.	6.8	2
102	Lessons for mainstreaming ecosystem services into policy and practice from South Africa. , 2019, , 40-59.		2
103	The Value of Global Earth Observations. , 2017, , 137-142.		1
104	An evaluation of global conservation effort: constraints and contrasts. <i>International Journal of Sustainable Development and World Ecology</i> , 1997, 4, 286-301.	5.9	0
105	No Evidence-Based Restoration Without a Sound Evidence Base: A Reply to Guldmond et al.. <i>Restoration Ecology</i> , 2012, 20, 158-159.	2.9	0
106	Exploring the Gap between Ecosystem Service Research and Management in Development Planning. , 2015, , 21-52.		0