Patricia Balvanera

List of Publications by Year
in descending order

56 papers	8,675 citations	136950 32 h-index	149698 56 g-index
57 all docs	57 docs citations	57 times ranked	11478 citing authors

#	Article	IF	Citations
1	Pervasive human-driven decline of life on Earth points to the need for transformative change. Science, 2019, 366, .	12.6	1,213
2	Why protect nature? Rethinking values and the environment. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 1462-1465.	7.1	1,074
3	Valuing natureâ€™s contributions to people: the IPBES approach. Current Opinion in Environmental Sustainability, 2017, 26-27, 7-16.	6.3	1,007
4	Biomass resilience of Neotropical secondary forests. Nature, 2016, 530, 211-214.	27.8	763
5	Principles for knowledge co-production in sustainability research. Nature Sustainability, 2020, 3, 182-190.	23.7	697
6	Methods for mapping ecosystem service supply: a review. International Journal of Biodiversity Science, Ecosystem Services & Management, 2012, 8, 17-25.	2.9	443
7	Carbon sequestration potential of second-growth forest regeneration in the Latin American tropics. Science Advances, 2016, 2, e1501639.	10.3	423
8	Biodiversity recovery of Neotropical secondary forests. Science Advances, 2019, 5, eaau3114.	10.3	291
9	Advancing sustainability through mainstreaming a socialâ€“ecological systems perspective. Current Opinion in Environmental Sustainability, 2015, 14, 144-149.	6.3	274
10	Ecosystem services research in Latin America: The state of the art. Ecosystem Services, 2012, 2, 56-70.	5.4	170
11	Multidimensional tropical forest recovery. Science, 2021, 374, 1370-1376.	12.6	165
12	Monitoring biodiversity change through effective global coordination. Current Opinion in Environmental Sustainability, 2017, 29, 158-169.	6.3	147
13	Phylogenetic classification of the worldâ€™s tropical forests. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 1837-1842.	7.1	144
14	A Global System for Monitoring Ecosystem Service Change. BioScience, 2012, 62, 977-986.	4.9	142
15	Wet and dry tropical forests show opposite successional pathways in wood density but converge over time. Nature Ecology and Evolution, 2019, 3, 928-934.	7.8	120
16	Trade-offs in ecosystem services and varying stakeholder preferences: evaluating conflicts, obstacles, and opportunities. Ecology and Society, 2015, 20, .	2.3	114
17	Community assembly and functional diversity along succession postâ€management. Functional Ecology, 2014, 28, 1256-1265.	3.6	107
18	Legume abundance along successional and rainfall gradients in Neotropical forests. Nature Ecology and Evolution, 2018, 2, 1104-1111.	7.8	107

#	Article	IF	Citations
19	Interconnected place-based socialâ€“ecological research can inform global sustainability. Current Opinion in Environmental Sustainability, 2017, 29, 1-7.	6.3	102
20	Key features for more successful place-based sustainability research on social-ecological systems: a Programme on Ecosystem Change and Society (PECS) perspective. Ecology and Society, 2017, 22, .	2.3	84
21	Stakeholders and tropical reforestation: challenges, tradeâ€offs, and strategies in dynamic environments. Biotropica, 2016, 48, 900-914.	1.6	76
22	Economic valuation of ecosystem services from secondary tropical forests: trade-offs and implications for policy making. Forest Ecology and Management, 2020, 473, 118294.	3.2	62
23	Use your power for good: plural valuation of nature â€“ the Oaxaca statement. Global Sustainability, 2020, 3, .	3.3	62
24	From local landscapes to international policy: contributions of the biocultural paradigm to global sustainability. Global Sustainability, 2019, 2, .	3.3	59
25	Testing Chronosequences through Dynamic Approaches: Time and Site Effects on Tropical Dry Forest Succession. Biotropica, 2015, 47, 38-48.	1.6	58
26	Biodiversity in species, traits, and structure determines carbon stocks and uptake in tropical forests. Biotropica, 2017, 49, 593-603.	1.6	52
27	Actions on sustainable food production and consumption for the post-2020 global biodiversity framework. Science Advances, 2021, 7, .	10.3	51
28	Expert perspectives on global biodiversity loss and its drivers and impacts on people. Frontiers in Ecology and the Environment, 2023, 21, 94-103.	4.0	49
29	Early Regeneration of Tropical Dry Forest from Abandoned Pastures: Contrasting Chronosequence and Dynamic Approaches. Biotropica, 2011, 43, 666-675.	1.6	48
30	Indicators for relational values of natureâ€™s contributions to good quality of life: the IPBES approach for Europe and Central Asia. Ecosystems and People, 2020, 16, 50-69.	3.2	47
31	Effects of livestock management on the supply of ecosystem services in pastures in a tropical dry region of western Mexico. Agriculture, Ecosystems and Environment, 2015, 211, 133-144.	5.3	41
32	Demographic Drivers of Aboveground Biomass Dynamics During Secondary Succession in Neotropical Dry and Wet Forests. Ecosystems, 2017, 20, 340-353.	3.4	37
33	Carbon Accumulation in Neotropical Dry Secondary Forests: The Roles of Forest Age and Tree Dominance and Diversity. Ecosystems, 2018, 21, 536-550.	3.4	33
34	Essential ecosystem service variables for monitoring progress towards sustainability. Current Opinion in Environmental Sustainability, 2022, 54, 101152.	6.3	33
35	Resilience of Soil Properties to Landâ€Use Change in a Tropical Dry Forest Ecosystem. Land Degradation and Development, 2018, 29, 315-325.	3.9	32
36	Effects of long-term inter-annual rainfall variation on the dynamics of regenerative communities during the old-field succession of a neotropical dry forest. Forest Ecology and Management, 2018, 426, 91-100.	3.2	31

#	Article	IF	Citations
37	Response diversity and resilience to extreme events in tropical dry secondary forests. Forest Ecology and Management, 2018, 426, 61-71.	3.2	29
38	Management strategies, silvopastoral practices and socioecological drivers in traditional livestock systems in tropical dry forests: An integrated analysis. Forest Ecology and Management, 2021, 479, 118506.	3.2	26
39	The science-policy interface on ecosystems and people: challenges and opportunities. Ecosystems and People, 2020, 16, 345-353.	3.2	24
40	Trade-offs between ecosystem services and alternative pathways toward sustainability in a tropical dry forest region. Ecology and Society, 2016, 21, .	2.3	23
41	Ecosystem services supply and interactions along secondary tropical dry forests succession. Forest Ecology and Management, 2021, 482, 118858.	3.2	23
42	Beyond participation: How to achieve the recognition of local communitiesâ€™ valueâ€systems in conservation? Some insights from Mexico. People and Nature, 2021, 3, 528-541.	3.7	22
43	Effects of landscape composition and site land-use intensity on secondary succession in a tropical dry forest. Forest Ecology and Management, 2021, 482, 118818.	3.2	21
44	Ecological and evolutionary variation in community nitrogen use traits during tropical dry forest secondary succession. Ecology, 2016, 97, 1194-1206.	3.2	20
45	Programme on Ecosystem Change and Society: Knowledge for sustainable stewardship of social-ecological systems. Ecology and Society, 2017, 22, .	2.3	20
46	Differential ecological filtering across life cycle stages drive old-field succession in a neotropical dry forest. Forest Ecology and Management, 2021, 482, 118810.	3.2	15
47	Ecosystem services research in Latin America 2.0: Expanding collaboration across countries, disciplines, and sectors. Ecosystem Services, 2020, 42, 101086.	5.4	14
48	Modelling carbon stock and carbon sequestration ecosystem services for policy design: a comprehensive approach using a dynamic vegetation model. Ecosystems and People, 2019, 15, 42-60.	3.2	12
49	Improving the accuracy of aboveground biomass estimations in secondary tropical dry forests. Forest Ecology and Management, 2020, 474, 118384.	3.2	10
50	Contributions of place-based social-ecological research to address global sustainability challenges. Global Sustainability, 2020, 3, .	3.3	10
51	Strong floristic distinctiveness across Neotropical successional forests. Science Advances, 2022, 8, .	10.3	10
52	Woody species richness drives synergistic recovery of socio-ecological multifunctionality along early tropical dry forest regeneration. Forest Ecology and Management, 2021, 482, 118848.	3.2	9
53	Social ecological dynamics of tropical secondary forests. Forest Ecology and Management, 2021, 496, 119369.	3.2	6
54	Ecosystems and People â€“ an inclusive, interdisciplinary journal. Ecosystems and People, 2019, 15, 1-2.	3.2	5

#	Article	IF	Citations
55	Societal burdens of nature loss. Science, 2019, 366, 184-185.	12.6	3
56	A regional PECS node built from place-based social-ecological sustainability research in Latin America and the Caribbean. Ecosystems and People, 2022, 18, 1-14.	3.2	1