

# Luis Roman Carrasco

## List of Publications by Year in descending order

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Version: 2024-02-01

99  
papers

3,265  
citations

136950

32  
h-index

182427

51  
g-index

101  
all docs

101  
docs citations

101  
times ranked

4574  
citing authors

#	ARTICLE	IF	CITATIONS
1	Threats to land and environmental defenders in nature's last strongholds. <i>Ambio</i> , 2022, 51, 269-279.	5.5	8
2	Telecoupled environmental impacts are an obstacle to meeting the sustainable development goals. <i>Sustainable Development</i> , 2022, 30, 76-82.	12.5	7
3	A big-data analysis of human-nature relations in newspaper coverage. <i>Geoforum</i> , 2022, 128, 11-20.	2.5	10
4	Reduced deforestation and degradation in Indigenous Lands pan-tropically. <i>Nature Sustainability</i> , 2022, 5, 123-130.	23.7	61
5	Exploring agricultural land-use and childhood malaria associations in sub-Saharan Africa. <i>Scientific Reports</i> , 2022, 12, 4124.	3.3	7
6	Prioritizing phylogenetic diversity to protect functional diversity of reef corals. <i>Diversity and Distributions</i> , 2022, 28, 1721-1734.	4.1	3
7	Spatiotemporal analysis of deforestation patterns and drivers reveals emergent threats to tropical forest landscapes. <i>Environmental Research Letters</i> , 2022, 17, 054046.	5.2	11
8	Connection to nature and time spent in gardens predicts social cohesion. <i>Urban Forestry and Urban Greening</i> , 2022, 74, 127655.	5.3	14
9	Drivers of deforestation and degradation for 28 tropical conservation landscapes. <i>Ambio</i> , 2021, 50, 215-228.	5.5	52
10	Conservation cost-effectiveness: a review of the evidence base. <i>Conservation Science and Practice</i> , 2021, 3, e357.	2.0	20
11	Spatio-temporal analysis of the main dengue vector populations in Singapore. <i>Parasites and Vectors</i> , 2021, 14, 41.	2.5	16
12	Factors influencing nature interactions vary between cities and types of nature interactions. <i>People and Nature</i> , 2021, 3, 405-417.	3.7	23
13	The suggestion that landscapes should contain 40% of forest cover lacks evidence and is problematic. <i>Ecology Letters</i> , 2021, 24, 1112-1113.	6.4	9
14	Evaluating a large-scale online behaviour change intervention aimed at wildlife product consumers in Singapore. <i>PLoS ONE</i> , 2021, 16, e0248144.	2.5	7
15	Using mobile phone data to examine weather impacts on recreational ecosystem services in an urban protected area. <i>Scientific Reports</i> , 2021, 11, 5544.	3.3	15
16	Species awareness days: Do people care or are we preaching to the choir?. <i>Biological Conservation</i> , 2021, 255, 109002.	4.1	11
17	Coordinated intensification to reconcile the "zero hunger" and "life on land" Sustainable Development Goals. <i>Journal of Environmental Management</i> , 2021, 284, 112032.	7.8	13
18	Fruit trees and herbaceous plants increase functional and phylogenetic diversity of birds in smallholder rubber plantations. <i>Biological Conservation</i> , 2021, 257, 109140.	4.1	9

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19	Cooperating with the future through natural resources restoration. Sustainability Science, 2021, 16, 1285-1293.	4.9	0
20	Having a stake in the future and perceived population density influence intergenerational cooperation. Royal Society Open Science, 2021, 8, 210206.	2.4	3
21	Health and Wellbeing Benefits from Nature Experiences in Tropical Settings Depend on Strength of Connection to Nature. International Journal of Environmental Research and Public Health, 2021, 18, 10149.	2.6	12
22	Economic value of illegal wildlife trade entering the USA. PLoS ONE, 2021, 16, e0258523.	2.5	8
23	Product attributes affecting the substitutability of saiga horn drinks among young adult consumers in Singapore. Conservation Science and Practice, 2021, 3, e567.	2.0	2
24	Reconciling Rubber Expansion with Biodiversity Conservation. Current Biology, 2020, 30, 3825-3832.e4.	3.9	13
25	Economic and social constraints on reforestation for climate mitigation in Southeast Asia. Nature Climate Change, 2020, 10, 842-844.	18.8	54
26	No evidence of an extinction of experience or emotional disconnect from nature in urban Singapore. People and Nature, 2020, 2, 1196-1209.	3.7	30
27	Mapping the cryptic spread of the 2015–2016 global Zika virus epidemic. BMC Medicine, 2020, 18, 399.	5.5	3
28	Life satisfaction linked to the diversity of nature experiences and nature views from the window. Landscape and Urban Planning, 2020, 202, 103874.	7.5	73
29	Social media, nature, and life satisfaction: global evidence of the biophilia hypothesis. Scientific Reports, 2020, 10, 4125.	3.3	34
30	Travel cost analysis of an urban protected area and parks in Singapore: a mobile phone data application. Journal of Environmental Management, 2020, 261, 110238.	7.8	28
31	Environmental destruction not avoided with the Sustainable Development Goals. Nature Sustainability, 2020, 3, 795-798.	23.7	108
32	Gold, farms, and forests: Enforcement and alternative livelihoods are unlikely to disincentivize informal gold mining. Conservation Science and Practice, 2020, 2, e142.	2.0	6
33	Severe human pressures in the Sundaland biodiversity hotspot. Conservation Science and Practice, 2020, 2, e169.	2.0	23
34	Spatial conservation planning with ecological and economic feedback effects. Biological Conservation, 2019, 237, 308-316.	4.1	3
35	Identifying payments for ecosystem services participants through social or spatial targeting? Exploring the outcomes of group level contracts. Conservation Science and Practice, 2019, 1, e49.	2.0	3
36	Saiga horn user characteristics, motivations, and purchasing behaviour in Singapore. PLoS ONE, 2019, 14, e0222038.	2.5	32

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37	An analysis of the spatial association between deforestation and agricultural field sizes in the tropics and subtropics. PLoS ONE, 2019, 14, e0209918.	2.5	10
38	Land rents drive oil palm expansion dynamics in Indonesia. Environmental Research Letters, 2019, 14, 074024.	5.2	7
39	Multiple habitat use by declining migratory birds necessitates joined-up conservation. Ecology and Evolution, 2019, 9, 2505-2515.	1.9	45
40	A global meta-analysis of the economic values of provisioning and cultural ecosystem services. Science of the Total Environment, 2019, 649, 1293-1298.	8.0	22
41	The gravity of wildlife trade. Biological Conservation, 2018, 218, 268-276.	4.1	45
42	Green without envy: how social capital alleviates tensions from a Payments for Ecosystem Services (PES) program in Indonesia. Ecology and Society, 2018, 23, .	2.3	12
43	Determining environmental and anthropogenic factors which explain the global distribution of <i>Aedes aegypti</i> and <i>Ae. albopictus</i> . BMJ Global Health, 2018, 3, e000801.	4.7	64
44	Dramatic cropland expansion in Myanmar following political reforms threatens biodiversity. Scientific Reports, 2018, 8, 16558.	3.3	19
45	Combined impacts of deforestation and wildlife trade on tropical biodiversity are severely underestimated. Nature Communications, 2018, 9, 4052.	12.8	133
46	Linking national wood consumption with global biodiversity and ecosystem service losses. Science of the Total Environment, 2017, 586, 985-994.	8.0	35
47	Considering cost alongside the effectiveness of management in evidence-based conservation: A systematic reporting protocol. Biological Conservation, 2017, 209, 508-516.	4.1	44
48	Auction winning, social dynamics and non-compliance in a payment for ecosystem services scheme in Indonesia. Land Use Policy, 2017, 63, 632-644.	5.6	22
49	The impact of gold mining and agricultural concessions on the tree cover and local communities in northern Myanmar. Scientific Reports, 2017, 7, 46594.	3.3	24
50	Reconstructing the invasion history of a spreading, non-native, tropical tree through a snapshot of current distribution, sizes, and growth rates. Plant Ecology, 2017, 218, 673-685.	1.6	4
51	How auctions to allocate payments for ecosystem services contracts impact social equity. Ecosystem Services, 2017, 25, 44-55.	5.4	17
52	Unsustainable development pathways caused by tropical deforestation. Science Advances, 2017, 3, e1602602.	10.3	39
53	Perverse Market Outcomes from Biodiversity Conservation Interventions. Conservation Letters, 2017, 10, 506-516.	5.7	24
54	Empirical evidence of the public health benefits of tropical forest conservation in Cambodia: a generalised linear mixed-effects model analysis. Lancet Planetary Health, The, 2017, 1, e180-e187.	11.4	35

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55	Mangrove crab uses victory display to "browbeat" losers from reinitiating a new fight. <i>Ethology</i> , 2017, 123, 981-988.	1.1	3
56	Biodiversity conservation in a telecoupled world. <i>Ecology and Society</i> , 2017, 22, .	2.3	40
57	Global economic trade-offs between wild nature and tropical agriculture. <i>PLoS Biology</i> , 2017, 15, e2001657.	5.6	32
58	Analysis of the Capacity of Google Trends to Measure Interest in Conservation Topics and the Role of Online News. <i>PLoS ONE</i> , 2016, 11, e0152802.	2.5	125
59	Five challenges to reconcile agricultural land use and forest ecosystem services in Southeast Asia. <i>Conservation Biology</i> , 2016, 30, 962-971.	4.7	15
60	Why do we lose protected areas? Factors influencing protected area downgrading, downsizing and degazettement in the tropics and subtropics. <i>Global Change Biology</i> , 2016, 22, 656-665.	9.5	73
61	Closing oil palm yield gaps among Indonesian smallholders through industry schemes, pruning, weeding and improved seeds. <i>Royal Society Open Science</i> , 2016, 3, 160292.	2.4	26
62	Native richness and species level trophic traits predict establishment of alien freshwater fishes. <i>Biological Invasions</i> , 2016, 18, 3495-3512.	2.4	6
63	Time to Empower Release of Insects Carrying a Dominant Lethal and Wolbachia Against Zika. <i>Open Forum Infectious Diseases</i> , 2016, 3, ofw103.	0.9	10
64	A Regional Decision Support Scheme for Pest Risk Analysis in Southeast Asia. <i>Risk Analysis</i> , 2016, 36, 904-913.	2.7	4
65	Unintended Feedbacks: Challenges and Opportunities for Improving Conservation Effectiveness. <i>Conservation Letters</i> , 2016, 9, 316-326.	5.7	73
66	International trade causes large net economic losses in tropical countries via the destruction of ecosystem services. <i>Ambio</i> , 2016, 45, 387-397.	5.5	19
67	Mobile Applications to Link Sustainable Consumption with Impacts on the Environment and Biodiversity. <i>BioScience</i> , 2016, 66, 384-392.	4.9	11
68	Toward clearer skies: Challenges in regulating transboundary haze in Southeast Asia. <i>Environmental Science and Policy</i> , 2016, 55, 87-95.	4.9	70
69	Quantifying the role of online news in linking conservation research to Facebook and Twitter. <i>Conservation Biology</i> , 2015, 29, 825-833.	4.7	121
70	Analysis of deforestation and protected area effectiveness in Indonesia: A comparison of Bayesian spatial models. <i>Global Environmental Change</i> , 2015, 31, 285-295.	7.8	74
71	The Relationship between Natural Park Usage and Happiness Does Not Hold in a Tropical City-State. <i>PLoS ONE</i> , 2015, 10, e0133781.	2.5	62
72	A ranking of net national contributions to climate change mitigation through tropical forest conservation. <i>Journal of Environmental Management</i> , 2014, 146, 575-581.	7.8	6

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73	Predictive Tools for Severe Dengue Conforming to World Health Organization 2009 Criteria. PLoS Neglected Tropical Diseases, 2014, 8, e2972.	3.0	49
74	Post-Contest Stridulation Used Exclusively as a Victory Display in Mangrove Crabs. Ethology, 2014, 120, 532-539.	1.1	12
75	A Framework for Assessing Supply-Side Wildlife Conservation. Conservation Biology, 2014, 28, 244-257.	4.7	58
76	Factors Affecting Tropical Tree Damage and Survival after Catastrophic Wind Disturbance. Biotropica, 2014, 46, 32-41.	1.6	34
77	Economic valuation of ecosystem services fails to capture biodiversity value of tropical forests. Biological Conservation, 2014, 178, 163-170.	4.1	46
78	A double-edged sword for tropical forests. Science, 2014, 346, 38-40.	12.6	69
79	Spatial correlates of livestock depredation by Amur tigers in Hunchun, China: Relevance of prey density and implications for protected area management. Biological Conservation, 2014, 169, 117-127.	4.1	54
80	Trends in parameterization, economics and host behaviour in influenza pandemic modelling: a review and reporting protocol. Emerging Themes in Epidemiology, 2013, 10, 3.	2.7	17
81	Silver Lining of Singapore's Haze. Science, 2013, 341, 342-343.	12.6	8
82	Who Should Pay for Global Health, and How Much?. PLoS Medicine, 2013, 10, e1001392.	8.4	2
83	Safety and cost savings of reducing adult dengue hospitalization in a tertiary care hospital in Singapore. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2013, 107, 37-42.	1.8	19
84	Agricultural intensification escalates future conservation costs. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 7601-7606.	7.1	146
85	Economic and Environmental Impacts of Harmful Non-Indigenous Species in Southeast Asia. PLoS ONE, 2013, 8, e71255.	2.5	103
86	Simple Clinical and Laboratory Predictors of Chikungunya versus Dengue Infections in Adults. PLoS Neglected Tropical Diseases, 2012, 6, e1786.	3.0	100
87	Saving Vietnam's Wildlife Through Social Media. Science, 2012, 338, 192-193.	12.6	26
88	Prioritizing live bird markets at risk of avian influenza H5N1 virus contamination for intervention: A simple tool for low resource settings. Preventive Veterinary Medicine, 2012, 107, 280-285.	1.9	3
89	Higher Risk of Infection with Dengue at the Weekend among Male Singaporeans. American Journal of Tropical Medicine and Hygiene, 2012, 87, 1116-1118.	1.4	4
90	Towards the integration of spread and economic impacts of biological invasions in a landscape of learning and imitating agents. Ecological Economics, 2012, 76, 95-103.	5.7	32

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91	Robust surveillance of animal diseases: An application to the detection of bluetongue disease. Preventive Veterinary Medicine, 2012, 105, 17-24.	1.9	14
92	Estimating the social welfare effects of New Zealand apple imports. Australian Journal of Agricultural and Resource Economics, 2011, 55, 599-620.	2.6	23
93	Efficiency of pheromone traps for monitoring <i>Diabrotica virgifera virgifera</i> LeConte. EPPO Bulletin, 2011, 41, 189-194.	0.8	6
94	Strategies for antiviral stockpiling for future influenza pandemics: a global epidemic-economic perspective. Journal of the Royal Society Interface, 2011, 8, 1307-1313.	3.4	33
95	Economic Impact of Dengue Illness and the Cost-Effectiveness of Future Vaccination Programs in Singapore. PLoS Neglected Tropical Diseases, 2011, 5, e1426.	3.0	106
96	Comprehensive bioeconomic modelling of multiple harmful non-indigenous species. Ecological Economics, 2010, 69, 1303-1312.	5.7	40
97	Unveiling human-assisted dispersal mechanisms in invasive alien insects: Integration of spatial stochastic simulation and phenology models. Ecological Modelling, 2010, 221, 2068-2075.	2.5	52
98	Dispersal kernels of the invasive alien western corn rootworm and the effectiveness of buffer zones in eradication programmes in Europe. Annals of Applied Biology, 2010, 156, 63-77.	2.5	40
99	Optimal and robust control of invasive alien species spreading in homogeneous landscapes. Journal of the Royal Society Interface, 2010, 7, 529-540.	3.4	64