

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	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
2	Combined impacts of deforestation and wildlife trade on tropical biodiversity are severely underestimated. Nature Communications, 2018, 9, 4052.	12.8	133
3	Analysis of the Capacity of Google Trends to Measure Interest in Conservation Topics and the Role of Online News. PLoS ONE, 2016, 11, e0152802.	2.5	125
4	Quantifying the role of online news in linking conservation research to Facebook and Twitter. Conservation Biology, 2015, 29, 825-833.	4.7	121
5	Environmental destruction not avoided with the Sustainable Development Goals. Nature Sustainability, 2020, 3, 795-798.	23.7	108
6	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
7	Economic and Environmental Impacts of Harmful Non-Indigenous Species in Southeast Asia. PLoS ONE, 2013, 8, e71255.	2.5	103
8	Simple Clinical and Laboratory Predictors of Chikungunya versus Dengue Infections in Adults. PLoS Neglected Tropical Diseases, 2012, 6, e1786.	3.0	100
9	Analysis of deforestation and protected area effectiveness in Indonesia: A comparison of Bayesian spatial models. Global Environmental Change, 2015, 31, 285-295.	7.8	74
10	Why do we lose protected areas? Factors influencing protected area downgrading, downsizing and degazettement in the tropics and subtropics. Global Change Biology, 2016, 22, 656-665.	9.5	73
11	Unintended Feedbacks: Challenges and Opportunities for Improving Conservation Effectiveness. Conservation Letters, 2016, 9, 316-326.	5.7	73
12	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
13	Toward clearer skies: Challenges in regulating transboundary haze in Southeast Asia. Environmental Science and Policy, 2016, 55, 87-95.	4.9	70
14	A double-edged sword for tropical forests. Science, 2014, 346, 38-40.	12.6	69
15	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
16	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
17	The Relationship between Natural Park Usage and Happiness Does Not Hold in a Tropical City-State. PLoS ONE, 2015, 10, e0133781.	2.5	62
18	Reduced deforestation and degradation in Indigenous Lands pan-tropically. Nature Sustainability, 2022, 5, 123-130.	23.7	61

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19	A Framework for Assessing Supply-Side Wildlife Conservation. <i>Conservation Biology</i> , 2014, 28, 244-257.	4.7	58
20	Spatial correlates of livestock depredation by Amur tigers in Hunchun, China: Relevance of prey density and implications for protected area management. <i>Biological Conservation</i> , 2014, 169, 117-127.	4.1	54
21	Economic and social constraints on reforestation for climate mitigation in Southeast Asia. <i>Nature Climate Change</i> , 2020, 10, 842-844.	18.8	54
22	Unveiling human-assisted dispersal mechanisms in invasive alien insects: Integration of spatial stochastic simulation and phenology models. <i>Ecological Modelling</i> , 2010, 221, 2068-2075.	2.5	52
23	Drivers of deforestation and degradation for 28 tropical conservation landscapes. <i>Ambio</i> , 2021, 50, 215-228.	5.5	52
24	Predictive Tools for Severe Dengue Conforming to World Health Organization 2009 Criteria. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2972.	3.0	49
25	Economic valuation of ecosystem services fails to capture biodiversity value of tropical forests. <i>Biological Conservation</i> , 2014, 178, 163-170.	4.1	46
26	The gravity of wildlife trade. <i>Biological Conservation</i> , 2018, 218, 268-276.	4.1	45
27	Multiple habitat use by declining migratory birds necessitates joined-up conservation. <i>Ecology and Evolution</i> , 2019, 9, 2505-2515.	1.9	45
28	Considering cost alongside the effectiveness of management in evidence-based conservation: A systematic reporting protocol. <i>Biological Conservation</i> , 2017, 209, 508-516.	4.1	44
29	Comprehensive bioeconomic modelling of multiple harmful non-indigenous species. <i>Ecological Economics</i> , 2010, 69, 1303-1312.	5.7	40
30	Dispersal kernels of the invasive alien western corn rootworm and the effectiveness of buffer zones in eradication programmes in Europe. <i>Annals of Applied Biology</i> , 2010, 156, 63-77.	2.5	40
31	Biodiversity conservation in a telecoupled world. <i>Ecology and Society</i> , 2017, 22, .	2.3	40
32	Unsustainable development pathways caused by tropical deforestation. <i>Science Advances</i> , 2017, 3, e1602602.	10.3	39
33	Linking national wood consumption with global biodiversity and ecosystem service losses. <i>Science of the Total Environment</i> , 2017, 586, 985-994.	8.0	35
34	Empirical evidence of the public health benefits of tropical forest conservation in Cambodia: a generalised linear mixed-effects model analysis. <i>Lancet Planetary Health</i> , The, 2017, 1, e180-e187.	11.4	35
35	Factors Affecting Tropical Tree Damage and Survival after Catastrophic Wind Disturbance. <i>Biotropica</i> , 2014, 46, 32-41.	1.6	34
36	Social media, nature, and life satisfaction: global evidence of the biophilia hypothesis. <i>Scientific Reports</i> , 2020, 10, 4125.	3.3	34

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37	Strategies for antiviral stockpiling for future influenza pandemics: a global epidemic-economic perspective. <i>Journal of the Royal Society Interface</i> , 2011, 8, 1307-1313.	3.4	33
38	Towards the integration of spread and economic impacts of biological invasions in a landscape of learning and imitating agents. <i>Ecological Economics</i> , 2012, 76, 95-103.	5.7	32
39	Saiga horn user characteristics, motivations, and purchasing behaviour in Singapore. <i>PLoS ONE</i> , 2019, 14, e0222038.	2.5	32
40	Global economic trade-offs between wild nature and tropical agriculture. <i>PLoS Biology</i> , 2017, 15, e2001657.	5.6	32
41	No evidence of an extinction of experience or emotional disconnect from nature in urban Singapore. <i>People and Nature</i> , 2020, 2, 1196-1209.	3.7	30
42	Travel cost analysis of an urban protected area and parks in Singapore: a mobile phone data application. <i>Journal of Environmental Management</i> , 2020, 261, 110238.	7.8	28
43	Saving Vietnam's Wildlife Through Social Media. <i>Science</i> , 2012, 338, 192-193.	12.6	26
44	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
45	The impact of gold mining and agricultural concessions on the tree cover and local communities in northern Myanmar. <i>Scientific Reports</i> , 2017, 7, 46594.	3.3	24
46	Perverse Market Outcomes from Biodiversity Conservation Interventions. <i>Conservation Letters</i> , 2017, 10, 506-516.	5.7	24
47	Estimating the social welfare effects of New Zealand apple imports. <i>Australian Journal of Agricultural and Resource Economics</i> , 2011, 55, 599-620.	2.6	23
48	Severe human pressures in the Sundaland biodiversity hotspot. <i>Conservation Science and Practice</i> , 2020, 2, e169.	2.0	23
49	Factors influencing nature interactions vary between cities and types of nature interactions. <i>People and Nature</i> , 2021, 3, 405-417.	3.7	23
50	Auction winning, social dynamics and non-compliance in a payment for ecosystem services scheme in Indonesia. <i>Land Use Policy</i> , 2017, 63, 632-644.	5.6	22
51	A global meta-analysis of the economic values of provisioning and cultural ecosystem services. <i>Science of the Total Environment</i> , 2019, 649, 1293-1298.	8.0	22
52	Conservation cost-effectiveness: a review of the evidence base. <i>Conservation Science and Practice</i> , 2021, 3, e357.	2.0	20
53	Safety and cost savings of reducing adult dengue hospitalization in a tertiary care hospital in Singapore. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2013, 107, 37-42.	1.8	19
54	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

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55	Dramatic cropland expansion in Myanmar following political reforms threatens biodiversity. <i>Scientific Reports</i> , 2018, 8, 16558.	3.3	19
56	Trends in parameterization, economics and host behaviour in influenza pandemic modelling: a review and reporting protocol. <i>Emerging Themes in Epidemiology</i> , 2013, 10, 3.	2.7	17
57	How auctions to allocate payments for ecosystem services contracts impact social equity. <i>Ecosystem Services</i> , 2017, 25, 44-55.	5.4	17
58	Spatio-temporal analysis of the main dengue vector populations in Singapore. <i>Parasites and Vectors</i> , 2021, 14, 41.	2.5	16
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	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
61	Robust surveillance of animal diseases: An application to the detection of bluetongue disease. <i>Preventive Veterinary Medicine</i> , 2012, 105, 17-24.	1.9	14
62	Connection to nature and time spent in gardens predicts social cohesion. <i>Urban Forestry and Urban Greening</i> , 2022, 74, 127655.	5.3	14
63	Reconciling Rubber Expansion with Biodiversity Conservation. <i>Current Biology</i> , 2020, 30, 3825-3832.e4.	3.9	13
64	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
65	Post-Contest Stridulation Used Exclusively as a Victory Display in Mangrove Crabs. <i>Ethology</i> , 2014, 120, 532-539.	1.1	12
66	Green without envy: how social capital alleviates tensions from a Payments for Ecosystem Services (PES) program in Indonesia. <i>Ecology and Society</i> , 2018, 23, .	2.3	12
67	Health and Wellbeing Benefits from Nature Experiences in Tropical Settings Depend on Strength of Connection to Nature. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 10149.	2.6	12
68	Mobile Applications to Link Sustainable Consumption with Impacts on the Environment and Biodiversity. <i>BioScience</i> , 2016, 66, 384-392.	4.9	11
69	Species awareness days: Do people care or are we preaching to the choir?. <i>Biological Conservation</i> , 2021, 255, 109002.	4.1	11
70	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
71	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
72	An analysis of the spatial association between deforestation and agricultural field sizes in the tropics and subtropics. <i>PLoS ONE</i> , 2019, 14, e0209918.	2.5	10

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73	A big-data analysis of human-nature relations in newspaper coverage. <i>Geoforum</i> , 2022, 128, 11-20.	2.5	10
74	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
75	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
76	Silver Lining of Singapore's Haze. <i>Science</i> , 2013, 341, 342-343.	12.6	8
77	Threats to land and environmental defenders in nature's last strongholds. <i>Ambio</i> , 2022, 51, 269-279.	5.5	8
78	Economic value of illegal wildlife trade entering the USA. <i>PLoS ONE</i> , 2021, 16, e0258523.	2.5	8
79	Land rents drive oil palm expansion dynamics in Indonesia. <i>Environmental Research Letters</i> , 2019, 14, 074024.	5.2	7
80	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
81	Telecoupled environmental impacts are an obstacle to meeting the sustainable development goals. <i>Sustainable Development</i> , 2022, 30, 76-82.	12.5	7
82	Exploring agricultural land-use and childhood malaria associations in sub-Saharan Africa. <i>Scientific Reports</i> , 2022, 12, 4124.	3.3	7
83	Efficiency of pheromone traps for monitoring <i>Diabrotica virgifera virgifera</i> LeConte. <i>EPPO Bulletin</i> , 2011, 41, 189-194.	0.8	6
84	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
85	Native richness and species level trophic traits predict establishment of alien freshwater fishes. <i>Biological Invasions</i> , 2016, 18, 3495-3512.	2.4	6
86	Gold, farms, and forests: Enforcement and alternative livelihoods are unlikely to disincentivize informal gold mining. <i>Conservation Science and Practice</i> , 2020, 2, e142.	2.0	6
87	Higher Risk of Infection with Dengue at the Weekend among Male Singaporeans. <i>American Journal of Tropical Medicine and Hygiene</i> , 2012, 87, 1116-1118.	1.4	4
88	A Regional Decision Support Scheme for Pest Risk Analysis in Southeast Asia. <i>Risk Analysis</i> , 2016, 36, 904-913.	2.7	4
89	Reconstructing the invasion history of a spreading, non-native, tropical tree through a snapshot of current distribution, sizes, and growth rates. <i>Plant Ecology</i> , 2017, 218, 673-685.	1.6	4
90	Prioritizing live bird markets at risk of avian influenza H5N1 virus contamination for intervention: A simple tool for low resource settings. <i>Preventive Veterinary Medicine</i> , 2012, 107, 280-285.	1.9	3

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91	Mangrove crab uses victory display to "browbeat" losers from reinitiating a new fight. <i>Ethology</i> , 2017, 123, 981-988.	1.1	3
92	Spatial conservation planning with ecological and economic feedback effects. <i>Biological Conservation</i> , 2019, 237, 308-316.	4.1	3
93	Identifying payments for ecosystem services participants through social or spatial targeting? Exploring the outcomes of group level contracts. <i>Conservation Science and Practice</i> , 2019, 1, e49.	2.0	3
94	Mapping the cryptic spread of the 2015-2016 global Zika virus epidemic. <i>BMC Medicine</i> , 2020, 18, 399.	5.5	3
95	Having a stake in the future and perceived population density influence intergenerational cooperation. <i>Royal Society Open Science</i> , 2021, 8, 210206.	2.4	3
96	Prioritizing phylogenetic diversity to protect functional diversity of reef corals. <i>Diversity and Distributions</i> , 2022, 28, 1721-1734.	4.1	3
97	Who Should Pay for Global Health, and How Much?. <i>PLoS Medicine</i> , 2013, 10, e1001392.	8.4	2
98	Product attributes affecting the substitutability of saiga horn drinks among young adult consumers in Singapore. <i>Conservation Science and Practice</i> , 2021, 3, e567.	2.0	2
99	Cooperating with the future through natural resources restoration. <i>Sustainability Science</i> , 2021, 16, 1285-1293.	4.9	0