

Greg Asner

List of Publications by Year in Descending Order

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Version: 2024-04-27

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

564
papers

53,421
citations

111
h-index

216
g-index

602
ext. papers

61,030
ext. citations

7
avg, IF

7.9
L-index

#	Paper	IF	Citations
564	Integrating ecosystem services modeling and efficiencies in decision-support models conceptualization for watershed management. <i>Ecological Modelling</i> , 2022 , 466, 109879	3	0
563	Optimizing invasive species management using mathematical programming to support stewardship of water and carbon-based ecosystem services. <i>Journal of Environmental Management</i> , 2022 , 301, 113803	3.9	0
562	Are Sunken Warships Biodiversity Havens for Corals?. <i>Diversity</i> , 2022 , 14, 139	2.5	2
561	Species-level tree crown maps improve predictions of tree recruit abundance in a tropical landscape.. <i>Ecological Applications</i> , 2022 , e2585	4.9	1
560	Mapped coral mortality and refugia in an archipelago-scale marine heat wave.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119, e2123331119	11.5	1
559	Empirically validated drought vulnerability mapping in the mixed conifer forests of the Sierra Nevada.. <i>Ecological Applications</i> , 2021 , e2514	4.9	0
558	Early detection of a tree pathogen using airborne remote sensing.. <i>Ecological Applications</i> , 2021 , e2519	4.9	0
557	Regional High-Resolution Benthic Habitat Data from Planet Dove Imagery for Conservation Decision-Making and Marine Planning. <i>Remote Sensing</i> , 2021 , 13, 4215	5	0
556	Recovery of logged forest fragments in a human-modified tropical landscape during the 2015-16 El Niño. <i>Nature Communications</i> , 2021 , 12, 1526	17.4	13
555	Workflow for the Generation of Expert-Derived Training and Validation Data: A View to Global Scale Habitat Mapping. <i>Frontiers in Marine Science</i> , 2021 , 8,	4.5	5
554	Automated Global Shallow Water Bathymetry Mapping Using Google Earth Engine. <i>Remote Sensing</i> , 2021 , 13, 1469	5	13
553	Amazon tree dominance across forest strata. <i>Nature Ecology and Evolution</i> , 2021 , 5, 757-767	12.3	5
552	Spatial heterogeneity facilitates carnivore coexistence. <i>Ecology</i> , 2021 , 102, e03319	4.6	4
551	Quantifying Global Power Plant Carbon Dioxide Emissions With Imaging Spectroscopy. <i>AGU Advances</i> , 2021 , 2, e2020AV000350	5.4	6
550	Intermittency of Large Methane Emitters in the Permian Basin. <i>Environmental Science and Technology Letters</i> , 2021 , 8, 567-573	11	16
549	Landslide age, elevation and residual vegetation determine tropical montane forest canopy recovery and biomass accumulation after landslide disturbances in the Peruvian Andes. <i>Journal of Ecology</i> , 2021 , 109, 3555	6	3
548	Mapping the vulnerability of giant sequoias after extreme drought in California using remote sensing. <i>Ecological Applications</i> , 2021 , 31, e02395	4.9	1

547	Monitoring tropical forest succession at landscape scales despite uncertainty in Landsat time series. <i>Ecological Applications</i> , 2021 , 31, e02208	4.9	5
546	Impacts of remotely sensed environmental drivers on coral outplant survival. <i>Restoration Ecology</i> , 2021 , 29,	3.1	6
545	Impacts of pollution, fishing pressure, and reef rugosity on resource fish biomass in West Hawaii. <i>Ecological Applications</i> , 2021 , 31, e2213	4.9	4
544	Pantropical modelling of canopy functional traits using Sentinel-2 remote sensing data. <i>Remote Sensing of Environment</i> , 2021 , 252, 112122	13.2	15
543	Environmental controls on African herbivore responses to landscapes of fear. <i>Oikos</i> , 2021 , 130, 171-186	4	2
542	Imaging Spectroscopy for Conservation Applications. <i>Remote Sensing</i> , 2021 , 13, 292	5	5
541	Space-use patterns of Malay civets (<i>Viverra zibetha</i>) persisting within a landscape fragmented by oil palm plantations. <i>Landscape Ecology</i> , 2021 , 36, 915-930	4.3	1
540	Surface slicks are pelagic nurseries for diverse ocean fauna. <i>Scientific Reports</i> , 2021 , 11, 3197	4.9	7
539	Advancing Landscape and Seascape Ecology from a 2D to a 3D Science. <i>BioScience</i> , 2021 , 71, 596-608	5.7	5
538	Exploring the links between secondary metabolites and leaf spectral reflectance in a diverse genus of Amazonian trees. <i>Ecosphere</i> , 2021 , 12, e03362	3.1	5
537	Litter inputs drive patterns of soil nitrogen heterogeneity in a diverse tropical forest: Results from a litter manipulation experiment. <i>Soil Biology and Biochemistry</i> , 2021 , 158, 108247	7.5	3
536	Taking the pulse of Earth's tropical forests using networks of highly distributed plots. <i>Biological Conservation</i> , 2021 , 260, 108849	6.2	15
535	Synergistic benefits of conserving land-sea ecosystems. <i>Global Ecology and Conservation</i> , 2021 , 28, e016848	4.8	7
534	A new remote sensing-based carbon sequestration potential index (CSPI): A tool to support land carbon management. <i>Forest Ecology and Management</i> , 2021 , 494, 119343	3.9	0
533	Depth-dependent indicators of algal turf herbivory throughout the Main Hawaiian Islands. <i>Coral Reefs</i> , 2021 , 40, 1397-1408	4.2	
532	Ecosystem carbon balance in the Hawaiian Islands under different scenarios of future climate and land use change. <i>Environmental Research Letters</i> , 2021 , 16, 104020	6.2	0
531	The Influence of Ecosystem and Phylogeny on Tropical Tree Crown Size and Shape. <i>Frontiers in Forests and Global Change</i> , 2020 , 3,	3.7	3
530	Challenges in Estimating Tropical Forest Canopy Height from Planet Dove Imagery. <i>Remote Sensing</i> , 2020 , 12, 1160	5	12

529	The Influence of Taxonomy and Environment on Leaf Trait Variation Along Tropical Abiotic Gradients. <i>Frontiers in Forests and Global Change</i> , 2020 , 3,	3.7	6
528	Carbon declines along tropical forest edges correspond to heterogeneous effects on canopy structure and function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 7863-7870	11.5	34
527	Leaf reflectance spectra capture the evolutionary history of seed plants. <i>New Phytologist</i> , 2020 , 228, 485-493	9.8	34
526	Resistance of mound-building termites to anthropogenic land-use change. <i>Environmental Research Letters</i> , 2020 , 15, 094038	6.2	9
525	High-Resolution Reef Bathymetry and Coral Habitat Complexity from Airborne Imaging Spectroscopy. <i>Remote Sensing</i> , 2020 , 12, 310	5	10
524	Leaf litter inputs reinforce islands of nitrogen fertility in a lowland tropical forest. <i>Biogeochemistry</i> , 2020 , 147, 293-306	3.8	9
523	Opportunistic feeding by lions: non-preferred prey comprise an important part of lion diets in a habitat where preferred prey are abundant. <i>Mammal Research</i> , 2020 , 65, 235-243	1.8	3
522	Aboveground carbon emissions from gold mining in the Peruvian Amazon. <i>Environmental Research Letters</i> , 2020 , 15, 014006	6.2	14
521	Spatial drivers of composition and connectivity across endangered tropical dry forests. <i>Journal of Applied Ecology</i> , 2020 , 57, 1593-1604	5.8	3
520	Geomorphic transience moderates topographic controls on tropical canopy foliar traits. <i>Ecology Letters</i> , 2020 , 23, 1276-1286	10	2
519	Near-real time aboveground carbon emissions in Peru. <i>PLoS ONE</i> , 2020 , 15, e0241418	3.7	4
518	The Sensitivity of Multi-spectral Satellite Sensors to Benthic Habitat Change. <i>Remote Sensing</i> , 2020 , 12, 532	5	11
517	Beyond Refugia: New Insights on Quaternary Climate Variation and the Evolution of Biotic Diversity in Tropical South America. <i>Fascinating Life Sciences</i> , 2020 , 51-70	1.1	10
516	Large-scale mapping of live corals to guide reef conservation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 33711-33718	11.5	9
515	3D Imaging Insights into Forests and Coral Reefs. <i>Trends in Ecology and Evolution</i> , 2020 , 35, 6-9	10.9	14
514	Natural and anthropogenic drivers of Bornean elephant movement strategies. <i>Global Ecology and Conservation</i> , 2020 , 22, e00906	2.8	9
513	Hydrological effects of tree invasion on a dry coastal Hawaiian ecosystem. <i>Forest Ecology and Management</i> , 2020 , 458, 117653	3.9	4
512	TRY plant trait database - enhanced coverage and open access. <i>Global Change Biology</i> , 2020 , 26, 119-188	11.4	399

511	Incorporating connectivity into conservation planning for the optimal representation of multiple species and ecosystem services. <i>Conservation Biology</i> , 2020 , 34, 934-942	6	5
510	Landscape scale variation in the hydrologic niche of California coast redwood. <i>Ecography</i> , 2020 , 43, 130561315	2	
509	Quantifying Tropical Plant Diversity Requires an Integrated Technological Approach. <i>Trends in Ecology and Evolution</i> , 2020 , 35, 1100-1109	10.9	7
508	A global coral reef probability map generated using convolutional neural networks. <i>Coral Reefs</i> , 2020 , 39, 1805-1815	4.2	14
507	Sea surface temperature in coral reef restoration outcomes. <i>Environmental Research Letters</i> , 2020 , 15, 074045	6.2	9
506	Active restoration accelerates the carbon recovery of human-modified tropical forests. <i>Science</i> , 2020 , 369, 838-841	33.3	25
505	Coral Bleaching Detection in the Hawaiian Islands Using Spatio-Temporal Standardized Bottom Reflectance and Planet Dove Satellites. <i>Remote Sensing</i> , 2020 , 12, 3219	5	3
504	A "Global Safety Net" to reverse biodiversity loss and stabilize Earth's climate. <i>Science Advances</i> , 2020 , 6,	14.3	65
503	Using spatially explicit, time-dependent analysis to understand how social factors influence conservation outcomes. <i>Conservation Biology</i> , 2020 , 34, 505-514	6	
502	Mapping the world's coral reefs using a global multiscale earth observation framework. <i>Remote Sensing in Ecology and Conservation</i> , 2020 , 6, 557-568	5.3	28
501	A Density-Based Approach for Leaf Area Index Assessment in a Complex Forest Environment Using a Terrestrial Laser Scanner. <i>Remote Sensing</i> , 2019 , 11, 1791	5	7
500	Land Use Impacts on Coral Reef Health: A Ridge-to-Reef Perspective. <i>Frontiers in Marine Science</i> , 2019 , 6,	4.5	41
499	Dominant tree species drive beta diversity patterns in western Amazonia. <i>Ecology</i> , 2019 , 100, e02636	4.6	13
498	Forest structure and pattern vary by climate and landform across active-fire landscapes in the montane Sierra Nevada. <i>Forest Ecology and Management</i> , 2019 , 437, 70-86	3.9	34
497	Forest Drought Resistance at Large Geographic Scales. <i>Geophysical Research Letters</i> , 2019 , 46, 2752-2760	9.9	16
496	Object-Based Mapping of Coral Reef Habitats Using Planet Dove Satellites. <i>Remote Sensing</i> , 2019 , 11, 1445	5	26
495	High-Resolution Remote Sensing Data as a Boundary Object to Facilitate Interdisciplinary Collaboration 2019 , 295-326		3
494	Prolonged tropical forest degradation due to compounding disturbances: Implications for CO and H O fluxes. <i>Global Change Biology</i> , 2019 , 25, 2855-2868	11.4	27

493	Remote sensing of forest die-off in the Anthropocene: From plant ecophysiology to canopy structure. <i>Remote Sensing of Environment</i> , 2019 , 231, 111233	13.2	24
492	Object-Based Time-Constrained Dynamic Time Warping Classification of Crops Using Sentinel-2. <i>Remote Sensing</i> , 2019 , 11, 1257	5	43
491	Uncovering Ecological Patterns with Convolutional Neural Networks. <i>Trends in Ecology and Evolution</i> , 2019 , 34, 734-745	10.9	55
490	Spatial patterning among savanna trees in high-resolution, spatially extensive data. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 10681-10685	11.5	15
489	A Global Deal For Nature: Guiding principles, milestones, and targets. <i>Science Advances</i> , 2019 , 5, eaaw2862	26.3	238
488	Scaling Up Coral Reef Restoration Using Remote Sensing Technology. <i>Frontiers in Marine Science</i> , 2019 , 6,	4.5	33
487	High-Resolution Mapping of Redwood (<i>Sequoia sempervirens</i>) Distributions in Three Californian Forests. <i>Remote Sensing</i> , 2019 , 11, 351	5	3
486	Individual-Based Modeling of Amazon Forests Suggests That Climate Controls Productivity While Traits Control Demography. <i>Frontiers in Earth Science</i> , 2019 , 7,	3.5	12
485	Lack of association between deforestation and either sustainability commitments or fines in private concessions in the Peruvian Amazon. <i>Forest Policy and Economics</i> , 2019 , 104, 1-8	3.6	1
484	Elephants limit aboveground carbon gains in African savannas. <i>Global Change Biology</i> , 2019 , 25, 1368	11.4	12
483	Combining behavioural and LiDAR data to reveal relationships between canopy structure and orangutan nest site selection in disturbed forests. <i>Biological Conservation</i> , 2019 , 232, 97-107	6.2	11
482	Toward the Integrated Marine Debris Observing System. <i>Frontiers in Marine Science</i> , 2019 , 6,	4.5	91
481	Adaptive bathymetry estimation for shallow coastal waters using Planet Dove satellites. <i>Remote Sensing of Environment</i> , 2019 , 232, 111302	13.2	46
480	Covariance of Sun and Shade Leaf Traits Along a Tropical Forest Elevation Gradient. <i>Frontiers in Plant Science</i> , 2019 , 10, 1810	6.2	10
479	Monitoring tropical forest carbon stocks and emissions using Planet satellite data. <i>Scientific Reports</i> , 2019 , 9, 17831	4.9	43
478	Prey-size plastics are invading larval fish nurseries. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 24143-24149	11.5	61
477	Informing trait-based ecology by assessing remotely sensed functional diversity across a broad tropical temperature gradient. <i>Science Advances</i> , 2019 , 5, eaaw8114	14.3	29
476	Imaging spectroscopy predicts variable distance decay across contrasting Amazonian tree communities. <i>Journal of Ecology</i> , 2019 , 107, 696-710	6	17

475	Climate shapes and shifts functional biodiversity in forests worldwide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 587-592	11.5	58
474	Forest biomass retrieval approaches from earth observation in different biomes. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2019 , 77, 53-68	7.3	42
473	Fuelwood extraction intensity drives compensatory regrowth in African savanna communal lands. <i>Land Degradation and Development</i> , 2019 , 30, 190-201	4.4	4
472	Effect of microsite quality and species composition on tree growth: A semi-empirical modeling approach. <i>Forest Ecology and Management</i> , 2019 , 432, 534-545	3.9	14
471	Landscape evolution and nutrient rejuvenation reflected in Amazon forest canopy chemistry. <i>Ecology Letters</i> , 2018 , 21, 978-988	10	17
470	Leaf- and crown-level adjustments help giant sequoias maintain favorable water status during severe drought. <i>Forest Ecology and Management</i> , 2018 , 419-420, 257-267	3.9	12
469	Structural and defensive roles of angiosperm leaf venation network reticulation across an Andes-Amazon elevation gradient. <i>Journal of Ecology</i> , 2018 , 106, 1683-1699	6	8
468	On the relationship between fire regime and vegetation structure in the tropics. <i>New Phytologist</i> , 2018 , 218, 153-166	9.8	39
467	An above-ground biomass map of African savannahs and woodlands at 25 m resolution derived from ALOS PALSAR. <i>Remote Sensing of Environment</i> , 2018 , 206, 156-173	13.2	109
466	Decoupled dimensions of leaf economic and anti-herbivore defense strategies in a tropical canopy tree community. <i>Oecologia</i> , 2018 , 186, 765-782	2.9	15
465	Leaf to landscape responses of giant sequoia to hotter drought: An introduction and synthesis for the special section. <i>Forest Ecology and Management</i> , 2018 , 419-420, 249-256	3.9	8
464	Protected area management priorities crucial for the future of Bornean elephants. <i>Biological Conservation</i> , 2018 , 221, 365-373	6.2	19
463	Biotic and Abiotic Controls Over Canopy Function and Structure in Humid Hawaiian Forests. <i>Ecosystems</i> , 2018 , 21, 331-348	3.9	8
462	Scale-dependence of environmental and socioeconomic drivers of albizia invasion in Hawaii. <i>Landscape and Urban Planning</i> , 2018 , 169, 70-80	7.7	11
461	An Approach for Foliar Trait Retrieval from Airborne Imaging Spectroscopy of Tropical Forests. <i>Remote Sensing</i> , 2018 , 10, 199	5	40
460	A Spectral Mapping Signature for the Rapid Ohia Death (ROD) Pathogen in Hawaiian Forests. <i>Remote Sensing</i> , 2018 , 10, 404	5	21
459	Estimating aboveground carbon density and its uncertainty in Borneo's structurally complex tropical forests using airborne laser scanning. <i>Biogeosciences</i> , 2018 , 15, 3811-3830	4.6	29
458	Overlapping land allocations reduce deforestation in Peru. <i>Land Use Policy</i> , 2018 , 79, 174-178	5.6	9

457	Landscape-scale variation in canopy water content of giant sequoias during drought. <i>Forest Ecology and Management</i> , 2018 , 419-420, 291-304	3.9	16
456	Mapped aboveground carbon stocks to advance forest conservation and recovery in Malaysian Borneo. <i>Biological Conservation</i> , 2018 , 217, 289-310	6.2	57
455	Megafaunal effects on vegetation structure throughout a densely wooded African landscape 2018 , 28, 398-408		12
454	Remote measurement of canopy water content in giant sequoias (<i>Sequoiadendron giganteum</i>) during drought. <i>Forest Ecology and Management</i> , 2018 , 419-420, 279-290	3.9	24
453	An Approach for High-Resolution Mapping of Hawaiian <i>Metrosideros</i> Forest Mortality Using Laser-Guided Imaging Spectroscopy. <i>Remote Sensing</i> , 2018 , 10, 502	5	23
452	Tropical forest leaves may darken in response to climate change. <i>Nature Ecology and Evolution</i> , 2018 , 2, 1918-1924	12.3	16
451	Indirect Estimation of Structural Parameters in South African Forests Using MISR-HR and LiDAR Remote Sensing Data. <i>Remote Sensing</i> , 2018 , 10, 1537	5	3
450	A tree-based approach to biomass estimation from remote sensing data in a tropical agricultural landscape. <i>Remote Sensing of Environment</i> , 2018 , 218, 32-43	13.2	22
449	The cost and distribution of forest conservation for national emissions reductions. <i>Global Environmental Change</i> , 2018 , 53, 39-51	10.1	12
448	Estimating aboveground carbon density across forest landscapes of Hawaii: Combining FIA plot-derived estimates and airborne LiDAR. <i>Forest Ecology and Management</i> , 2018 , 424, 323-337	3.9	12
447	Remotely sensed canopy nitrogen correlates with nitrous oxide emissions in a lowland tropical rainforest. <i>Ecology</i> , 2018 , 99, 2080-2089	4.6	15
446	Leaf aging of Amazonian canopy trees as revealed by spectral and physiochemical measurements. <i>New Phytologist</i> , 2017 , 214, 1049-1063	9.8	101
445	Topographic distributions of emergent trees in tropical forests of the Osa Peninsula, Costa Rica. <i>Ecography</i> , 2017 , 40, 829-839	6.5	10
444	Climate, Topography, and Canopy Chemistry Exert Hierarchical Control Over Soil N Cycling in a Neotropical Lowland Forest. <i>Ecosystems</i> , 2017 , 20, 1089-1103	3.9	23
443	Predicting trait-environment relationships for venation networks along an Andes-Amazon elevation gradient. <i>Ecology</i> , 2017 , 98, 1239-1255	4.6	20
442	Airborne laser-guided imaging spectroscopy to map forest trait diversity and guide conservation. <i>Science</i> , 2017 , 355, 385-389	33.3	145
441	Erosion of organic carbon from the Andes and its effects on ecosystem carbon dioxide balance. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017 , 122, 449-469	3.7	21
440	Altitude effect on leaf wax carbon isotopic composition in humid tropical forests. <i>Geochimica Et Cosmochimica Acta</i> , 2017 , 206, 1-17	5.5	36

439	Termites and trees. Response to comment on Termite mounds alter the spatial distribution of African savanna tree species <i>Journal of Biogeography</i> , 2017 , 44, 952-956	4.1	
438	Nutrient acquisition, soil phosphorus partitioning and competition among trees in a lowland tropical rain forest. <i>New Phytologist</i> , 2017 , 214, 1506-1517	9.8	39
437	Titling indigenous communities protects forests in the Peruvian Amazon. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 4123-4128	11.5	127
436	Deforestation risk due to commodity crop expansion in sub-Saharan Africa. <i>Environmental Research Letters</i> , 2017 , 12, 044015	6.2	98
435	Solar radiation and functional traits explain the decline of forest primary productivity along a tropical elevation gradient. <i>Ecology Letters</i> , 2017 , 20, 730-740	10	62
434	Conservation assessment of the Peruvian Andes and Amazon based on mapped forest functional diversity. <i>Biological Conservation</i> , 2017 , 210, 80-88	6.2	9
433	Area-based vs tree-centric approaches to mapping forest carbon in Southeast Asian forests from airborne laser scanning data. <i>Remote Sensing of Environment</i> , 2017 , 194, 77-88	13.2	105
432	Coral reef atoll assessment in the South China Sea using Planet Dove satellites. <i>Remote Sensing in Ecology and Conservation</i> , 2017 , 3, 57-65	5.3	37
431	Prioritizing landscapes for restoration based on spatial patterns of ecosystem controls and plant-plant interactions. <i>Journal of Applied Ecology</i> , 2017 , 54, 1459-1468	5.8	17
430	Can Leaf Spectroscopy Predict Leaf and Forest Traits Along a Peruvian Tropical Forest Elevation Gradient?. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017 , 122, 2952-2965	3.7	10
429	Cover of tall trees best predicts California spotted owl habitat. <i>Forest Ecology and Management</i> , 2017 , 405, 166-178	3.9	63
428	Assessing trait-based scaling theory in tropical forests spanning a broad temperature gradient. <i>Global Ecology and Biogeography</i> , 2017 , 26, 1357-1373	6.1	29
427	What mediates tree mortality during drought in the southern Sierra Nevada?. <i>Ecological Applications</i> , 2017 , 27, 2443-2457	4.9	49
426	Canopy structure drives orangutan habitat selection in disturbed Bornean forests. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 8307-8312	11.5	24
425	Underproductive agriculture aids connectivity in tropical forests. <i>Forest Ecology and Management</i> , 2017 , 401, 159-165	3.9	10
424	Airborne mapping of benthic reflectance spectra with Bayesian linear mixtures. <i>Remote Sensing of Environment</i> , 2017 , 200, 18-30	13.2	33
423	Remotely sensed predictors of conifer tree mortality during severe drought. <i>Environmental Research Letters</i> , 2017 , 12, 115013	6.2	40
422	Reply to Robinson et al.: Building the evidence base on the forest cover effects of community titling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E5765	11.5	2

421	Humans and elephants as treefall drivers in African savannas. <i>Ecography</i> , 2017 , 40, 1274-1284	6.5	20
420	Scale dependence of canopy trait distributions along a tropical forest elevation gradient. <i>New Phytologist</i> , 2017 , 214, 973-988	9.8	40
419	Remote sensing for restoration planning: how the big picture can inform stakeholders. <i>Restoration Ecology</i> , 2017 , 25, S147-S154	3.1	33
418	Landscape-scale GPP and carbon density inform patterns and impacts of an invasive tree across wet forests of Hawaii. <i>Ecological Applications</i> , 2017 , 27, 403-415	4.9	8
417	Leaf-level photosynthetic capacity in lowland Amazonian and high-elevation Andean tropical moist forests of Peru. <i>New Phytologist</i> , 2017 , 214, 1002-1018	9.8	62
416	Variation in leaf wettability traits along a tropical montane elevation gradient. <i>New Phytologist</i> , 2017 , 214, 989-1001	9.8	35
415	Exploring dispersal barriers using landscape genetic resistance modelling in scarlet macaws of the Peruvian Amazon. <i>Landscape Ecology</i> , 2017 , 32, 445-456	4.3	14
414	Performance of one-class classifiers for invasive species mapping using airborne imaging spectroscopy. <i>Ecological Informatics</i> , 2017 , 37, 66-76	4.2	26
413	Episodic Canopy Structural Transformations and Biological Invasion in a Hawaiian Forest. <i>Frontiers in Plant Science</i> , 2017 , 8, 1256	6.2	6
412	Riparian vegetation structure and the hunting behavior of adult estuarine crocodiles. <i>PLoS ONE</i> , 2017 , 12, e0184804	3.7	5
411	Drivers of woody canopy water content responses to drought in a Mediterranean-type ecosystem		7
410	Spatially-Explicit Testing of a General Aboveground Carbon Density Estimation Model in a Western Amazonian Forest Using Airborne LiDAR. <i>Remote Sensing</i> , 2016 , 8, 9	5	10
409	Spatially explicit analysis of field inventories for national forest carbon monitoring. <i>Carbon Balance and Management</i> , 2016 , 11, 9	3.6	11
408	Environmental controls on canopy foliar nitrogen distributions in a Neotropical lowland forest. <i>Ecological Applications</i> , 2016 , 26, 2449-2462	4.9	19
407	Integrating technologies for scalable ecology and conservation. <i>Global Ecology and Conservation</i> , 2016 , 7, 262-275	2.8	88
406	Beyond 3-D: The new spectrum of lidar applications for earth and ecological sciences. <i>Remote Sensing of Environment</i> , 2016 , 186, 372-392	13.2	165
405	Examining variation in the leaf mass per area of dominant species across two contrasting tropical gradients in light of community assembly. <i>Ecology and Evolution</i> , 2016 , 6, 5674-89	2.8	18
404	Production of leaf wax n-alkanes across a tropical forest elevation transect. <i>Organic Geochemistry</i> , 2016 , 100, 89-100	3.1	49

403	Integrating LiDAR-derived tree height and Landsat satellite reflectance to estimate forest regrowth in a tropical agricultural landscape. <i>Remote Sensing in Ecology and Conservation</i> , 2016 , 2, 190-203	5.3	21
402	Limited spatial response to direct predation risk by African herbivores following predator reintroduction. <i>Ecology and Evolution</i> , 2016 , 6, 5728-48	2.8	13
401	Monitoring plant functional diversity from space. <i>Nature Plants</i> , 2016 , 2, 16024	11.5	164
400	Effects of long-term rainfall decline on the structure and functioning of Hawaiian forests. <i>Environmental Research Letters</i> , 2016 , 12, 094002	6.2	6
399	Accelerated losses of protected forests from gold mining in the Peruvian Amazon. <i>Environmental Research Letters</i> , 2016 , 12, 094004	6.2	60
398	Environmental drivers of tree community turnover in western Amazonian forests. <i>Ecography</i> , 2016 , 39, 1089-1099	6.5	24
397	Large-scale climatic and geophysical controls on the leaf economics spectrum. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E4043-51	11.5	68
396	L-band Synthetic Aperture Radar imagery performs better than optical datasets at retrieving woody fractional cover in deciduous, dry savannahs. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2016 , 52, 54-64	7.3	25
395	Hemiparasite--host plant interactions in a fragmented landscape assessed via imaging spectroscopy and LiDAR 2016 , 26, 55-66		12
394	Toward an integrated monitoring framework to assess the effects of tropical forest degradation and recovery on carbon stocks and biodiversity. <i>Global Change Biology</i> , 2016 , 22, 92-109	11.4	126
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