

G Arturo SÃ¡nchez-Azofeifa

List of Publications by Year in descending order

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195
papers

13,330
citations

28274

55
h-index

26613

107
g-index

200
all docs

200
docs citations

200
times ranked

13116
citing authors

#	ARTICLE	IF	CITATIONS
1	Liana optical traits increase tropical forest albedo and reduce ecosystem productivity. <i>Global Change Biology</i> , 2022, 28, 227-244.	9.5	10
2	Fractional Vegetation Cover Derived from UAV and Sentinel-2 Imagery as a Proxy for In Situ FAPAR in a Dense Mixed-Coniferous Forest?. <i>Remote Sensing</i> , 2022, 14, 380.	4.0	2
3	Reduced ecosystem resilience quantifies fine-scale heterogeneity in tropical forest mortality responses to drought. <i>Global Change Biology</i> , 2022, 28, 2081-2094.	9.5	12
4	Calibration of Co-Located Identical PAR Sensors Using Wireless Sensor Networks and Characterization of the In Situ fPAR Variability in a Tropical Dry Forest. <i>Remote Sensing</i> , 2022, 14, 2752.	4.0	0
5	Sustainability of Costa Rica's water supply under climate change scenarios. <i>Environmental Science and Policy</i> , 2022, 136, 67-77.	4.9	4
6	A Deep Learning Time Series Approach for Leaf and Wood Classification from Terrestrial LiDAR Point Clouds. <i>Remote Sensing</i> , 2022, 14, 3157.	4.0	8
7	Integration of remote-sensing based metrics and econometric models to assess the socio-economic contributions of carbon sequestration in unmanaged tropical dry forests. <i>Environmental and Sustainability Indicators</i> , 2021, 9, 100100.	3.3	9
8	UAV-based partially sampling system for rapid NDVI mapping in the evaluation of rice nitrogen use efficiency. <i>Journal of Cleaner Production</i> , 2021, 289, 125705.	9.3	23
9	Tropical dry forest resilience and water use efficiency: an analysis of productivity under climate change. <i>Environmental Research Letters</i> , 2021, 16, 054027.	5.2	7
10	Identification of spectral features in the longwave infrared (LWIR) spectra of leaves for the discrimination of tropical dry forest tree species. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2021, 97, 102286.	2.8	4
11	Intra- and interspecific variations on plant functional traits along a successional gradient in a Brazilian tropical dry forest. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2021, 279, 151815.	1.2	5
12	Prediction of leaf traits of lianas and trees via the integration of wavelet spectra in the visible-near infrared and thermal infrared domains. <i>Remote Sensing of Environment</i> , 2021, 259, 112406.	11.0	8
13	Satellite-based observations of the green depressing cropping system in a farming-pastoral ecotone of northern China. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2021, 98, 102312.	2.8	7
14	Cloud Cover throughout All the Paddy Rice Fields in Guangdong, China: Impacts on Sentinel 2 MSI and Landsat 8 OLI Optical Observations. <i>Remote Sensing</i> , 2021, 13, 2961.	4.0	7
15	Leaf Anatomical Traits of Lianas and Trees at the Canopy of Two Contrasting Lowland Tropical Forests in the Context of Leaf Economic Spectrum. <i>Frontiers in Forests and Global Change</i> , 2021, 4, .	2.3	1
16	Hyperspectral and Full-Waveform LiDAR Improve Mapping of Tropical Dry Forest's Successional Stages. <i>Remote Sensing</i> , 2021, 13, 3830.	4.0	4
17	Can we increase the impacts from payments for ecosystem services? Impact rose over time in Costa Rica, yet spatial variation indicates more potential. <i>Forest Policy and Economics</i> , 2021, 132, 102577.	3.4	5
18	Dynamics of Carbon Accumulation in Tropical Dry Forests under Climate Change Extremes. <i>Forests</i> , 2021, 12, 106.	2.1	14

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19	Evaluating the Farmland Use Intensity and Its Patterns in a Farming-Pastoral Ecotone of Northern China. <i>Remote Sensing</i> , 2021, 13, 4304.	4.0	1
20	Using TLS-Measured Tree Attributes to Estimate Aboveground Biomass in Small Black Spruce Trees. <i>Forests</i> , 2021, 12, 1521.	2.1	8
21	Functional recovery of secondary tropical forests. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	34
22	Assessment of the response of tropical dry forests to El Niño southern oscillation. <i>Ecological Indicators</i> , 2021, 133, 108390.	6.3	2
23	Successional and Intraspecific Variations in Leaf Traits, Spectral Reflectance Indices and Herbivory in a Brazilian Tropical Dry Forest. <i>Frontiers in Forests and Global Change</i> , 2021, 4, .	2.3	1
24	Using visible-near-infrared spectroscopy to classify lichens at a Neotropical Dry Forest. <i>Ecological Indicators</i> , 2020, 111, 105999.	6.3	3
25	Assessing the Temporal Response of Tropical Dry Forests to Meteorological Drought. <i>Remote Sensing</i> , 2020, 12, 2341.	4.0	5
26	Seasonality and Budgets of Soil Greenhouse Gas Emissions From a Tropical Dry Forest Successional Gradient in Costa Rica. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2020, 125, e2020JG005647.	3.0	8
27	Unmanned Aerial System and Machine Learning Techniques Help to Detect Dead Woody Components in a Tropical Dry Forest. <i>Forests</i> , 2020, 11, 827.	2.1	6
28	Biophysical and Socioeconomic Factors Associated to Deforestation and Forest Recovery in Brazilian Tropical Dry Forests. <i>Frontiers in Forests and Global Change</i> , 2020, 3, .	2.3	9
29	Bird Assemblage Recovery in a Chronosequence of Tropical Dry Forests in Costa Rica. <i>Forests</i> , 2020, 11, 629.	2.1	4
30	Crop Loss Evaluation Using Digital Surface Models from Unmanned Aerial Vehicles Data. <i>Remote Sensing</i> , 2020, 12, 981.	4.0	14
31	Spatial Estimation of the Latent Heat Flux in a Tropical Dry Forest by Using Unmanned Aerial Vehicles. <i>Forests</i> , 2020, 11, 604.	2.1	12
32	Assessing the Operation Parameters of a Low-altitude UAV for the Collection of NDVI Values Over a Paddy Rice Field. <i>Remote Sensing</i> , 2020, 12, 1850.	4.0	16
33	Monitoring the Water Stress of an Indoor Living Wall System Using the "Triangle Method" Sensors. <i>2020, 20, 3261.</i>	3.8	2
34	On the relationship of fractal geometry and tree stand metrics on point clouds derived from terrestrial laser scanning. <i>Methods in Ecology and Evolution</i> , 2020, 11, 1309-1318.	5.2	19
35	Climate change scenarios and projected impacts for forest productivity in Guanacaste Province (Costa Rica): lessons for tropical forest regions. <i>Regional Environmental Change</i> , 2020, 20, 1.	2.9	11
36	Accuracy assessment on the number of flux terms needed to estimate in situ fAPAR. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2020, 88, 102061.	2.8	6

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37	Evaluating the utility of various drought indices to monitor meteorological drought in Tropical Dry Forests. <i>International Journal of Biometeorology</i> , 2020, 64, 701-711.	3.0	14
38	ECOSTRESS: NASA's Next Generation Mission to Measure Evapotranspiration From the International Space Station. <i>Water Resources Research</i> , 2020, 56, e2019WR026058.	4.2	220
39	Poisson Surface Reconstruction from LIDAR for Buttress Root Volume Estimation. <i>Lecture Notes in Computer Science</i> , 2020, , 463-471.	1.3	0
40	Litterfall dynamics along a successional gradient in a Brazilian tropical dry forest. <i>Forest Ecosystems</i> , 2019, 6, .	3.1	41
41	Validation of Sentinel-2 fAPAR products using ground observations across three forest ecosystems. <i>Remote Sensing of Environment</i> , 2019, 232, 111310.	11.0	20
42	Mapping tropical dry forest age using airborne waveform LiDAR and hyperspectral metrics. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2019, 83, 101908.	2.8	11
43	MODIS and PROBA-V NDVI Products Differ when Compared with Observations from Phenological Towers at Four Tropical Dry Forests in the Americas. <i>Remote Sensing</i> , 2019, 11, 2316.	4.0	9
44	Calculation of leaf area index in a Canadian boreal forest using adaptive voxelization and terrestrial LiDAR. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2019, 83, 101923.	2.8	6
45	Canopy Temperature Differences between Liana-Infested and Non-Liana Infested Areas in a Neotropical Dry Forest. <i>Forests</i> , 2019, 10, 890.	2.1	9
46	Radiometric calibration assessments for UAS-borne multispectral cameras: Laboratory and field protocols. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2019, 149, 132-145.	11.1	46
47	Tropical Dry Forest Diversity, Climatic Response, and Resilience in a Changing Climate. <i>Forests</i> , 2019, 10, 443.	2.1	51
48	Wet and dry tropical forests show opposite successional pathways in wood density but converge over time. <i>Nature Ecology and Evolution</i> , 2019, 3, 928-934.	7.8	120
49	Biodiversity recovery of Neotropical secondary forests. <i>Science Advances</i> , 2019, 5, eaau3114.	10.3	291
50	Assessing the accuracy of detected breaks in Landsat time series as predictors of small scale deforestation in tropical dry forests of Mexico and Costa Rica. <i>Remote Sensing of Environment</i> , 2019, 221, 707-721.	11.0	32
51	Assessing the variability and uncertainty of two-flux FAPAR measurements in a conifer-dominated forest. <i>Agricultural and Forest Meteorology</i> , 2019, 264, 149-163.	4.8	12
52	Deforestation and secondary growth in Costa Rica along the path of development. <i>Regional Environmental Change</i> , 2019, 19, 587-597.	2.9	18
53	The long-wave infrared (8-12 μ m) spectral features of selected rare earth element-bearing carbonate, phosphate and silicate minerals. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2019, 76, 77-83.	2.8	6
54	Effect of drought on productivity in a Costa Rican tropical dry forest. <i>Environmental Research Letters</i> , 2018, 13, 045001.	5.2	45

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55	Turbulence scales for eddy covariance quality control over a tropical dry forest in complex terrain. <i>Agricultural and Forest Meteorology</i> , 2018, 249, 390-406.	4.8	7
56	Classification of tree species based on longwave hyperspectral data from leaves, a case study for a tropical dry forest. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2018, 66, 93-105.	2.8	38
57	Quantifying Changes on Forest Succession in a Dry Tropical Forest Using Angular-Hyperspectral Remote Sensing. <i>Remote Sensing</i> , 2018, 10, 1865.	4.0	9
58	Integrating proximal broad-band vegetation indices and carbon fluxes to model gross primary productivity in a tropical dry forest. <i>Environmental Research Letters</i> , 2018, 13, 065017.	5.2	11
59	Testing of Automated Photochemical Reflectance Index Sensors as Proxy Measurements of Light Use Efficiency in an Aspen Forest. <i>Sensors</i> , 2018, 18, 3302.	3.8	4
60	Discrimination of liana and tree leaves from a Neotropical Dry Forest using visible-near infrared and longwave infrared reflectance spectra. <i>Remote Sensing of Environment</i> , 2018, 219, 135-144.	11.0	26
61	Focus on tropical dry forest ecosystems and ecosystem services in the face of global change. <i>Environmental Research Letters</i> , 2018, 13, 090201.	5.2	17
62	Legume abundance along successional and rainfall gradients in Neotropical forests. <i>Nature Ecology and Evolution</i> , 2018, 2, 1104-1111.	7.8	107
63	Differences in Leaf Temperature between Lianas and Trees in the Neotropical Canopy. <i>Forests</i> , 2018, 9, 307.	2.1	6
64	On the estimation of tree mortality and liana infestation using a deep self-encoding network. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2018, 73, 1-13.	2.8	14
65	Assessing ecosystem services in Neotropical dry forests: a systematic review. <i>Environmental Conservation</i> , 2017, 44, 34-43.	1.3	30
66	The Edmonton-Calgary corridor: Simulating future land cover change under potential government intervention. <i>Land Use Policy</i> , 2017, 63, 356-368.	5.6	11
67	Twenty-first century remote sensing technologies are revolutionizing the study of tropical forests. <i>Biotropica</i> , 2017, 49, 604-619.	1.6	41
68	Modeling seasonal surface temperature variations in secondary tropical dry forests. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2017, 62, 122-134.	2.8	16
69	Identifying tropical dry forests extent and succession via the use of machine learning techniques. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2017, 63, 196-205.	2.8	18
70	Comparing MODIS and near-surface vegetation indexes for monitoring tropical dry forest phenology along a successional gradient using optical phenology towers. <i>Environmental Research Letters</i> , 2017, 12, 105007.	5.2	35
71	Lianas Abundance is Positively Related with the Avian Acoustic Community in Tropical Dry Forests. <i>Forests</i> , 2017, 8, 311.	2.1	11
72	Can terrestrial laser scanners (TLSs) and hemispherical photographs predict tropical dry forest succession with liana abundance?. <i>Biogeosciences</i> , 2017, 14, 977-988.	3.3	28

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73	El renacimiento del monitoreo ambiental dentro de nuevos paradigmas científicos y operacionales. <i>Ciencias Ambientales</i> , 2017, 51, 215-221.	0.3	0
74	Estimation of aboveground net primary productivity in secondary tropical dry forests using the Carnegie-AMES-Stanford approach (CASA) model. <i>Environmental Research Letters</i> , 2016, 11, 075004.	5.2	44
75	Using phenocams to monitor our changing Earth: toward a global phenocam network. <i>Frontiers in Ecology and the Environment</i> , 2016, 14, 84-93.	4.0	197
76	Contribution of lianas to plant area index and canopy structure in a Panamanian forest. <i>Ecology</i> , 2016, 97, 3271-3277.	3.2	45
77	A new approach to calculate Plant Area Density (PAD) using 3D ground-based lidar. <i>Proceedings of SPIE</i> , 2016, , .	0.8	1
78	Carbon sequestration potential of second-growth forest regeneration in the Latin American tropics. <i>Science Advances</i> , 2016, 2, e1501639.	10.3	423
79	Improved collaborative representation model with multitask learning using spatial support for target detection in hyperspectral imagery. <i>Journal of Applied Remote Sensing</i> , 2016, 10, 016009.	1.3	2
80	Biomass resilience of Neotropical secondary forests. <i>Nature</i> , 2016, 530, 211-214.	27.8	763
81	Tree Species Composition, Breeding Systems, and Pollination and Dispersal Syndromes in Three Forest Successional Stages in a Tropical Dry Forest in Mesoamerica. <i>Tropical Conservation Science</i> , 2015, 8, 76-94.	1.2	54
82	Analysis of Time Scale Influences on Water and Soil Conservation Effects for Trees on Experimental Plots Using Vegetation Fractional Coverage. <i>Forest Science</i> , 2015, 61, 67-75.	1.0	9
83	Patterns of Leaf Biochemical and Structural Properties of Cerrado Life Forms: Implications for Remote Sensing. <i>PLoS ONE</i> , 2015, 10, e0117659.	2.5	44
84	A relict species restricted to a quartzitic mountain in tropical America: an example of microrefugium?. <i>Acta Botanica Brasilica</i> , 2015, 29, 299-309.	0.8	34
85	Capability of Spaceborne Hyperspectral EnMAP Mission for Mapping Fractional Cover for Soil Erosion Modeling. <i>Remote Sensing</i> , 2015, 7, 11776-11800.	4.0	15
86	Estimating Forest Biomass Dynamics by Integrating Multi-Temporal Landsat Satellite Images with Ground and Airborne LiDAR Data in the Coal Valley Mine, Alberta, Canada. <i>Remote Sensing</i> , 2015, 7, 2832-2849.	4.0	51
87	Mapping Tropical Dry Forest Succession With CHRIS/PROBA Hyperspectral Images Using Nonparametric Decision Trees. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2015, 8, 3081-3094.	4.9	12
88	Predictability of leaf area index using vegetation indices from multiangular CHRIS/PROBA data over eastern China. <i>Journal of Applied Remote Sensing</i> , 2015, 9, 096085.	1.3	9
89	The relative importance of climate, stand variables and liana abundance for carbon storage in tropical forests. <i>Global Ecology and Biogeography</i> , 2015, 24, 939-949.	5.8	35
90	Mapping tropical dry forest succession using multiple criteria spectral mixture analysis. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2015, 109, 17-29.	11.1	30

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91	Land cover dynamics in Osa Region, Costa Rica: secondary forest is here to stay. <i>Regional Environmental Change</i> , 2015, 15, 1461-1472.	2.9	15
92	The role of tropical dry forests for biodiversity, carbon and water conservation in the neotropics: lessons learned and opportunities for its sustainable management. <i>Regional Environmental Change</i> , 2015, 15, 1039-1049.	2.9	90
93	Simulating Deforestation in Minas Gerais, Brazil, under Changing Government Policies and Socioeconomic Conditions. <i>PLoS ONE</i> , 2015, 10, e0137911.	2.5	11
94	Phyllostomid Bat Occurrence in Successional Stages of Neotropical Dry Forests. <i>PLoS ONE</i> , 2014, 9, e84572.	2.5	20
95	Using VEGNET In-Situ Monitoring LiDAR (IML) to Capture Dynamics of Plant Area Index, Structure and Phenology in Aspen Parkland Forests in Alberta, Canada. <i>Forests</i> , 2014, 5, 1053-1068.	2.1	20
96	On Line Validation Exercise (OLIVE): A Web Based Service for the Validation of Medium Resolution Land Products. Application to FAPAR Products. <i>Remote Sensing</i> , 2014, 6, 4190-4216.	4.0	56
97	Fuzzy power management for environmental monitoring systems in tropical regions. , 2014, , .		11
98	Predicting RF path loss in forests using satellite measurements of vegetation indices. , 2014, , .		2
99	Seasonal wireless sensor network link performance in boreal forest phenology monitoring. , 2014, , .		2
100	Quantifying tropical dry forest succession in the Americas using CHRIS/PROBA. <i>Remote Sensing of Environment</i> , 2014, 144, 120-136.	11.0	22
101	Deriving leaf mass per area (LMA) from foliar reflectance across a variety of plant species using continuous wavelet analysis. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2014, 87, 28-38.	11.1	101
102	Monitoring deforestation with MODIS Active Fires in Neotropical dry forests: An analysis of local-scale assessments in Mexico, Brazil and Bolivia. <i>Journal of Arid Environments</i> , 2013, 97, 150-159.	2.4	17
103	The longwave infrared (3.4-4.4 μm) spectral properties of rock encrusting lichens based on laboratory spectra and airborne SEBASS imagery. <i>Remote Sensing of Environment</i> , 2013, 131, 173-181.	11.0	28
104	Neotropical Seasonally Dry Forests. , 2013, , 488-500.		4
105	Effects of Topography on the Radiometry of CHRIS/PROBA Images of Successional Stages Within Tropical Dry Forests. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2013, 6, 1584-1595.	4.9	6
106	Progress and opportunities for monitoring greenhouse gases fluxes in Mexican ecosystems: the MexFlux network. <i>Atmosfera</i> , 2013, 26, 325-336.	0.8	31
107	Tropical Dry Forests in the Americas. , 2013, , 1-15.		20
108	Tropical Dry Climates. , 2013, , 157-171.		1

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109	Implications of interpreting tropical dry forest succession after radiometric correction of Chris/ Proba images. , 2012, , .		0
110	Optical wireless sensor networks observe leaf phenology and photosynthetic radiation interception in a Brazilian tropical dry forest. , 2012, , .		0
111	Predicting leaf gravimetric water content from foliar reflectance across a range of plant species using continuous wavelet analysis. <i>Journal of Plant Physiology</i> , 2012, 169, 1134-1142.	3.5	86
112	The effect of seasonal spectral variation on species classification in the Panamanian tropical forest. <i>Remote Sensing of Environment</i> , 2012, 118, 73-82.	11.0	83
113	LIDAR remote sensing for secondary Tropical Dry Forest identification. <i>Remote Sensing of Environment</i> , 2012, 121, 132-143.	11.0	33
114	Factors associated with long-term changes in distribution of black-tailed prairie dogs in northwestern Mexico. <i>Biological Conservation</i> , 2012, 145, 54-61.	4.1	9
115	Functional regeneration and spectral reflectance of trees during succession in a highly diverse tropical dry forest ecosystem. <i>American Journal of Botany</i> , 2012, 99, 816-826.	1.7	83
116	Relationships between endophyte diversity and leaf optical properties. <i>Trees - Structure and Function</i> , 2012, 26, 291-299.	1.9	81
117	Local and Landscape Factors Determining Occurrence of Phyllostomid Bats in Tropical Secondary Forests. <i>PLoS ONE</i> , 2012, 7, e35228.	2.5	78
118	Insect outbreaks produce distinctive carbon isotope signatures in defensive resins and fossiliferous ambers. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 3219-3224.	2.6	40
119	Estimation of the Distribution of <i>Tabebuia guayacan</i> (Bignoniaceae) Using High-Resolution Remote Sensing Imagery. <i>Sensors</i> , 2011, 11, 3831-3851.	3.8	62
120	Extent and Drivers of Change of Neotropical Seasonally Dry Tropical Forests. , 2011, , 45-57.		34
121	Hail impact on leaves and endophytes of the endemic threatened <i>Coccoloba cereifera</i> (Polygonaceae). <i>Plant Ecology</i> , 2011, 212, 1687-1697.	1.6	24
122	Spectroscopic determination of leaf water content using continuous wavelet analysis. <i>Remote Sensing of Environment</i> , 2011, 115, 659-670.	11.0	210
123	Delineation of secondary succession mechanisms for tropical dry forests using LiDAR. <i>Remote Sensing of Environment</i> , 2011, 115, 2217-2231.	11.0	28
124	Enviro-Net: From Networks of Ground-Based Sensor Systems to a Web Platform for Sensor Data Management. <i>Sensors</i> , 2011, 11, 6454-6479.	3.8	15
125	Continuous wavelet analysis for the detection of green attack damage due to mountain pine beetle infestation. <i>Remote Sensing of Environment</i> , 2010, 114, 899-910.	11.0	141
126	Canopy Herbivory and Insect Herbivore Diversity in a Dry Forestâ€™Savanna Transition in Brazil. <i>Biotropica</i> , 2010, 42, 112-118.	1.6	56

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127	Spectroscopic determination of leaf water content using continuous wavelet analysis. , 2010, , .		1
128	Extent and conservation of tropical dry forests in the Americas. <i>Biological Conservation</i> , 2010, 143, 144-155.	4.1	394
129	Successional and Seasonal Changes in a Community of Dung Beetles (Coleoptera: Scarabaeinae) in a Brazilian Tropical Dry Forest. <i>Natureza A Conservacao</i> , 2010, 08, 160-164.	2.5	51
130	Gall inducing arthropods from a seasonally dry tropical forest in Serra do Cipã ³ , Brazil. <i>Revista Brasileira De Entomologia</i> , 2009, 53, 404-414.	0.4	44
131	Monitoring carbon stocks in the tropics and the remote sensing operational limitations: from local to regional projects. <i>Ecological Applications</i> , 2009, 19, 480-494.	3.8	40
132	The Application of Remote Sensing for Detecting Mass Graves: An Experimental Animal Case Study from Costa Rica*. <i>Journal of Forensic Sciences</i> , 2009, 54, 159-166.	1.6	50
133	Differences in leaf traits, leaf internal structure, and spectral reflectance between two communities of lianas and trees: Implications for remote sensing in tropical environments. <i>Remote Sensing of Environment</i> , 2009, 113, 2076-2088.	11.0	110
134	Land cover and conservation in the area of influence of the Chamela-Cuixmala Biosphere Reserve, Mexico. <i>Forest Ecology and Management</i> , 2009, 258, 907-912.	3.2	81
135	Deforestation and forest restoration in Guanacaste, Costa Rica: Putting conservation policies in context. <i>Forest Ecology and Management</i> , 2009, 258, 931-940.	3.2	121
136	Sustainability of tropical dry forests: Two case studies in southeastern and central Brazil. <i>Forest Ecology and Management</i> , 2009, 258, 922-930.	3.2	50
137	Remote sensing and forest inventory for wildlife habitat assessment. <i>Forest Ecology and Management</i> , 2009, 257, 2262-2269.	3.2	82
138	Ecology and regeneration of tropical dry forests in the Americas: Implications for management. <i>Forest Ecology and Management</i> , 2009, 258, 903-906.	3.2	25
139	Succession and management of tropical dry forests in the Americas: Review and new perspectives. <i>Forest Ecology and Management</i> , 2009, 258, 1014-1024.	3.2	260
140	Tropical dry forest succession and the contribution of lianas to wood area index (WAI). <i>Forest Ecology and Management</i> , 2009, 258, 941-948.	3.2	38
141	Park Location Affects Forest Protection: Land Characteristics Cause Differences in Park Impacts across Costa Rica. <i>B E Journal of Economic Analysis and Policy</i> , 2009, 9, .	0.9	55
142	Mitigation needs adaptation: Tropical forestry and climate change. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2008, 13, 793-808.	2.1	113
143	Continuous wavelets for the improved use of spectral libraries and hyperspectral data. <i>Remote Sensing of Environment</i> , 2008, 112, 2850-2862.	11.0	135
144	Measuring the effectiveness of protected area networks in reducing deforestation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 16089-16094.	7.1	763

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145	Species Classification of Tropical Tree Leaf Reflectance and Dependence on Selection of Spectral Bands. , 2008, , 141-159.		36
146	Changes in Spectral Properties, Chlorophyll Content and Internal Mesophyll Structure of Senescing Populus balsamifera and Populus tremuloides Leaves. Sensors, 2008, 8, 51-69.	3.8	81
147	Effect of Soil Type on Plant Growth Leaf Nutrient/Chlorophyll Concentration, and Leaf Reflectance of Tropical Tree and Grass Species. , 2008, , 87-123.		29
148	Will buying tropical forest carbon benefit the poor? Evidence from Costa Rica. Land Use Policy, 2007, 24, 600-610.	5.6	47
149	POVERTY AND CORRUPTION COMPROMISE TROPICAL FOREST RESERVES. , 2007, 17, 1259-1266.		89
150	Ecological fingerprinting of ecosystem succession: Estimating secondary tropical dry forest structure and diversity using imaging spectroscopy. Remote Sensing of Environment, 2007, 108, 82-96.	11.0	110
151	Hyperspectral discrimination of tropical dry forest lianas and trees: Comparative data reduction approaches at the leaf and canopy levels. Remote Sensing of Environment, 2007, 109, 406-415.	11.0	110
152	Global warming and amphibian losses; The proximate cause of frog declines? (Reply). Nature, 2007, 447, E5-E6.	27.8	19
153	Costa Rica's Payment for Environmental Services Program: Intention, Implementation, and Impact. Conservation Biology, 2007, 21, 1165-1173.	4.7	245
154	Canopy observations on the hyperspectral properties of a community of tropical dry forest lianas and their host trees. International Journal of Remote Sensing, 2006, 27, 2101-2109.	2.9	29
155	Component optimization for image understanding: a Bayesian approach. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2006, 28, 684-693.	13.9	12
156	Trends in land cover change and isolation of protected areas at the interface of the southern boreal mixedwood and aspen parkland in Alberta, Canada. Forest Ecology and Management, 2006, 230, 151-161.	3.2	41
157	Widespread amphibian extinctions from epidemic disease driven by global warming. Nature, 2006, 439, 161-167.	27.8	1,420
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