

Luiz A Martinelli

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5795461/publications.pdf>

Version: 2024-02-01

257
papers

22,055
citations

14644

66
h-index

9854

141
g-index

267
all docs

267
docs citations

267
times ranked

23732
citing authors

#	ARTICLE	IF	CITATIONS
1	Can streambank height indicate soil moisture regime of riparian zones? A case study in deep soils of a first-order watershed in Southeast Brazil. <i>Physical Geography</i> , 2023, 44, 433-445.	0.6	2
2	Impacts of market economy access and livelihood conditions on agro-food transition in rural communities in three macro-regions of Brazil. <i>Environment, Development and Sustainability</i> , 2022, 24, 1010-1030.	2.7	1
3	Effect of vertebrate exclusion on leaf litter decomposition in the coastal Atlantic forest of southeast Brazil. <i>Tropical Ecology</i> , 2022, 63, 151-154.	0.6	1
4	Disseminação do conhecimento e da inovação através de diferentes formas de transferência de tecnologias aos produtores rurais. <i>Research, Society and Development</i> , 2022, 11, e1811123589.	0.0	0
5	Do aquatic insects disperse metals from contaminated streams to land?. <i>Hydrobiologia</i> , 2022, 849, 1437.	1.0	3
6	Transferência de tecnologias aos produtores rurais: eventos científicos e tecnológicos em tempos de pandemia. <i>Research, Society and Development</i> , 2022, 11, e3111123194.	0.0	0
7	Soil quality literature in Brazil: A systematic review. <i>Revista Brasileira De Ciencia Do Solo</i> , 2022, 46, .	0.5	9
8	Recording surface runoff in the field: a simple detector made of polypropylene. <i>Revista Brasileira De Geografia Fisica</i> , 2022, 15, 1583-1586.	0.0	0
9	Methane concentrations and fluxes in agricultural and preserved tropical headwater streams. <i>Science of the Total Environment</i> , 2022, 844, 157238.	3.9	3
10	Determining ecosystem functioning in Brazilian biomes through foliar carbon and nitrogen concentrations and stable isotope ratios. <i>Biogeochemistry</i> , 2021, 154, 405-423.	1.7	8
11	Conservation implications of a limited avian cross-habitat spillover in pasture lands. <i>Biological Conservation</i> , 2021, 253, 108898.	1.9	15
12	Consequences of a Severe Drought on Dissolved Carbon Forms of a Tropical Mesoscale River Under High Human Influence. <i>Water, Air, and Soil Pollution</i> , 2021, 232, 1.	1.1	2
13	Partitioning of Environmental and Taxonomic Controls on Brazilian Foliar Content of Carbon and Nitrogen and Stable Isotopes. <i>Frontiers in Forests and Global Change</i> , 2021, 4, .	1.0	3
14	LT&E-Brazil: A database of leaf traits across biomes and vegetation types in Brazil. <i>Global Ecology and Biogeography</i> , 2021, 30, 2136-2146.	2.7	8
15	Effects of extensive-to-intensive pasture conversion on soil nitrogen availability and CO ₂ and N ₂ O fluxes in a Brazilian oxisol. <i>Agriculture, Ecosystems and Environment</i> , 2021, 321, 107633.	2.5	4
16	Stemflow generation as influenced by sugarcane canopy development. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 789.	1.3	1
17	Three Decades of Changes in Brazilian Municipalities and Their Food Production Systems. <i>Land</i> , 2020, 9, 422.	1.2	8
18	The influence of seasonal river flooding in food consumption of riverine dwellers in the central Amazon region: an isotopic approach. <i>Archaeological and Anthropological Sciences</i> , 2020, 12, 1.	0.7	3

#	ARTICLE	IF	CITATIONS
19	Increased in carbon isotope ratios of Brazilian fingernails are correlated with increased in socioeconomic status. <i>Npj Science of Food</i> , 2020, 4, 9.	2.5	6
20	Mapping carbon and nitrogen isotopic composition of fingernails to demonstrate a rural-to-urban nutrition transition in the Center-West, Northeast, and Amazon regions of Brazil. <i>American Journal of Physical Anthropology</i> , 2020, 172, 650-663.	2.1	5
21	C3 and C4 plant leaf breakdown and assimilation by aquatic macroinvertebrates in streams of the Brazilian Atlantic Forest. <i>Marine and Freshwater Research</i> , 2020, 71, 814.	0.7	2
22	Identifying the composition of commercial Brazilian cat food with stable isotopes of carbon and nitrogen. <i>Isotopes in Environmental and Health Studies</i> , 2020, 56, 346-357.	0.5	0
23	Photodegradation influences litter decomposition rate in a humid tropical ecosystem, Brazil. <i>Science of the Total Environment</i> , 2020, 715, 136601.	3.9	25
24	Carbon and Nitrogen Isotope Ratios of Food and Beverage in Brazil. <i>Molecules</i> , 2020, 25, 1457.	1.7	16
25	Reconstructing continental-scale variation in soil $\delta^{15}\text{N}$: a machine learning approach in South America. <i>Ecosphere</i> , 2020, 11, e03223.	1.0	13
26	The Latin America Regional Nitrogen Centre: Concepts and Recent Activities. , 2020, , 499-514.		2
27	Soil hydraulic properties: A simple and practical approach to estimate the number of samples. <i>Eurasian Journal of Soil Science</i> , 2020, 9, 18-23.	0.2	0
28	Trophic niche changes associated with habitat fragmentation in a Neotropical bat species. <i>Biotropica</i> , 2019, 51, 709-718.	0.8	6
29	The Analysis of Short-Term Dataset of Water Stable Isotopes Provides Information on Hydrological Processes Occurring in Large Catchments from the Northern Italian Apennines. <i>Water (Switzerland)</i> , 2019, 11, 1360.	1.2	8
30	Forest conversion to pasture affects soil phosphorus dynamics and nutritional status in Brazilian Amazon. <i>Soil and Tillage Research</i> , 2019, 194, 104330.	2.6	29
31	A World of Cobenefits: Solving the Global Nitrogen Challenge. <i>Earth's Future</i> , 2019, 7, 865-872.	2.4	122
32	Runoff, soil loss, and sources of particulate organic carbon delivered to streams by sugarcane and riparian areas: An isotopic approach. <i>Catena</i> , 2019, 181, 104083.	2.2	27
33	Carbon and nitrogen isotopic composition of commercial dog food in Brazil. <i>PeerJ</i> , 2019, 7, e5828.	0.9	5
34	Resource partitioning between two young-of-year cownose rays <i>Rhinoptera bonasus</i> and <i>R. brasiliensis</i> within a communal nursery inferred by trophic biomarkers. <i>Journal of Fish Biology</i> , 2019, 94, 781-788.	0.7	10
35	Discussion about stable carbon isotopic composition indicates large presence of maize in Brazilian soy sauces (shoyu) Response to Discussion about stable carbon isotopic composition indicates large presence of maize in Brazilian soy sauces (shoyu) Journal of Food Composition and Analysis, 2019, 79, 148-150.	1.9	3
36	Urban access and government subsidies impact livelihood and food transition in slave-remnant communities in the Brazilian Cerrado. <i>Agronomy for Sustainable Development</i> , 2019, 39, 1.	2.2	4

#	ARTICLE	IF	CITATIONS
37	Is the "canine surrogacy approach"™ (CSA) still valid for dogs and humans in market-oriented and subsistence-oriented communities in Brazil?. <i>Isotopes in Environmental and Health Studies</i> , 2019, 55, 227-236.	0.5	2
38	Improving phosphorus sustainability of sugarcane production in Brazil. <i>GCB Bioenergy</i> , 2019, 11, 1444-1455.	2.5	37
39	The effect of agriculture on the seasonal dynamics and functional diversity of benthic biofilm in tropical headwater streams. <i>Biotropica</i> , 2019, 51, 18-27.	0.8	10
40	Capacidade de retenção de água do dossel vegetativo: comparação entre Mata Atlântica e plantação florestal de eucalipto. <i>Ciencia Florestal</i> , 2019, 29, 96.	0.1	2
41	Processos hidrológicos em uma sub-bacia do Parque Estadual da Serra do Mar, núcleo Santa Virgínia. <i>Ciencia Florestal</i> , 2019, 29, 595-606.	0.1	2
42	Stable carbon isotopic composition indicates large presence of maize in Brazilian soy sauces (shoyu). <i>Journal of Food Composition and Analysis</i> , 2018, 70, 18-21.	1.9	8
43	Impacts of sugarcane agriculture expansion over low-intensity cattle ranch pasture in Brazil on greenhouse gases. <i>Journal of Environmental Management</i> , 2018, 206, 980-988.	3.8	32
44	Can stable isotope markers be used to distinguish wild and mass-reared <i>Anastrepha fraterculus</i> flies?. <i>PLoS ONE</i> , 2018, 13, e0209921.	1.1	3
45	Applying the principles of isotope analysis in plant and animal ecology to forensic science in the Americas. <i>Oecologia</i> , 2018, 187, 1077-1094.	0.9	22
46	Ecophysiological plasticity of Amazonian trees to long-term drought. <i>Oecologia</i> , 2018, 187, 933-940.	0.9	12
47	Comparison of microbial processing of <i>Brachiaria brizantha</i> , a C4 invasive species and a rainforest species in tropical streams of the Atlantic Forest of south-eastern Brazil. <i>Marine and Freshwater Research</i> , 2018, 69, 1397.	0.7	7
48	Basal carbon sources and planktonic food web in a tropical lake: an isotopic approach. <i>Marine and Freshwater Research</i> , 2017, 68, 429.	0.7	3
49	Factors influencing the food transition in riverine communities in the Brazilian Amazon. <i>Environment, Development and Sustainability</i> , 2017, 19, 1087-1102.	2.7	27
50	Impacts of converting low-intensity pastureland to high-intensity bioenergy cropland on the water quality of tropical streams in Brazil. <i>Science of the Total Environment</i> , 2017, 584-585, 339-347.	3.9	52
51	Fine litterfall in the Brazilian Atlantic Forest. <i>Biotropica</i> , 2017, 49, 443-451.	0.8	22
52	Soil phosphorus sorption capacity after three decades of intensive fertilization in Mato Grosso, Brazil. <i>Agriculture, Ecosystems and Environment</i> , 2017, 249, 206-214.	2.5	51
53	The influence of sugarcane crop development on rainfall interception losses. <i>Journal of Hydrology</i> , 2017, 551, 532-539.	2.3	14
54	Litterfall mass and nutrient fluxes over an altitudinal gradient in the coastal Atlantic Forest, Brazil. <i>Journal of Tropical Ecology</i> , 2017, 33, 261-269.	0.5	13

#	ARTICLE	IF	CITATIONS
55	Soy Expansion and Socioeconomic Development in Municipalities of Brazil. <i>Land</i> , 2017, 6, 62.	1.2	36
56	Past and present land use influences on tropical riparian zones: an isotopic assessment with implications for riparian forest width determination. <i>Biota Neotropica</i> , 2016, 16, .	1.0	7
57	Throughfall patterns in sugarcane and riparian forest: understanding the effect of sugarcane age and land use conversion. <i>Hydrological Processes</i> , 2016, 30, 2579-2589.	1.1	9
58	Stable carbon composition of vegetation and soils across an altitudinal range in the coastal Atlantic Forest of Brazil. <i>Trees - Structure and Function</i> , 2016, 30, 1315-1329.	0.9	5
59	Isotopically constrained soil carbon and nitrogen budgets in a soybean field chronosequence in the Brazilian Amazon region. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016, 121, 2520-2529.	1.3	12
60	The phosphorus cost of agricultural intensification in the tropics. <i>Nature Plants</i> , 2016, 2, 16043.	4.7	151
61	Brazilian Agriculture and Its Sustainability. , 2016, , 767-792.		1
62	Influence of landscape properties on stream water quality in agricultural catchments in Southeastern Brazil. <i>Annales De Limnologie</i> , 2015, 51, 11-21.	0.6	25
63	Land use change in the Atlantic Forest affects carbon and nitrogen sources of streams as revealed by the isotopic composition of terrestrial invertebrates. <i>Biota Neotropica</i> , 2015, 15, .	1.0	9
64	Changes in soil carbon, nitrogen, and phosphorus due to land-use changes in Brazil. <i>Biogeosciences</i> , 2015, 12, 4765-4780.	1.3	62
65	Nitrogen Dynamics in Hydrological Flow Paths of a Small Tropical Pasture Catchment. <i>Catena</i> , 2015, 127, 250-257.	2.2	6
66	Carbon from littoral producers is the major source of energy for bottom-feeding fish in a tropical floodplain. <i>Environmental Biology of Fishes</i> , 2015, 98, 1081-1088.	0.4	9
67	Soil texture and chemical characteristics along an elevation range in the coastal Atlantic Forest of Southeast Brazil. <i>Geoderma Regional</i> , 2015, 5, 106-116.	0.9	33
68	Nitrogen management challenges in major watersheds of South America. <i>Environmental Research Letters</i> , 2015, 10, 065007.	2.2	20
69	Stable Isotopes Trace the Truth: From Adulterated Foods to Crime Scenes. <i>Elements</i> , 2015, 11, 259-264.	0.5	23
70	Reassessing the environmental impacts of sugarcane ethanol production in Brazil to help meet sustainability goals. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 52, 1847-1856.	8.2	94
71	Transição agroalimentar em comunidades tradicionais rurais: o caso dos remanescentes de quilombo Kalunga "GO. <i>Segurança Alimentar E Nutricional</i> , 2015, 22, 591.	0.1	4
72	Forensic Evaluation of Metals (Cr, Cu, Pb, Zn), Isotopes (^{13}C and ^{15}N), and C:N Ratios in Freshwater Sediment. <i>Environmental Forensics</i> , 2014, 15, 134-146.	1.3	3

#	ARTICLE	IF	CITATIONS
73	Can stable isotope analysis reveal dietary differences among groups with distinct income levels in the city of Piracicaba (southeast region, Brazil)? <i>Journal of Human Nutrition and Dietetics</i> , 2014, 27, 270-279.	1.3	13
74	Seasonal patterns of leaf-level photosynthetic gas exchange in an eastern Amazonian rain forest. <i>Plant Ecology and Diversity</i> , 2014, 7, 189-203.	1.0	31
75	Basin-wide variations in Amazon forest nitrogen-cycling characteristics as inferred from plant and soil $\delta^{15}\text{N}$ and $\delta^{14}\text{N}$ measurements. <i>Plant Ecology and Diversity</i> , 2014, 7, 173-187.	1.0	43
76	Innovations for a sustainable future: rising to the challenge of nitrogen greenhouse gas management in Latin America. <i>Current Opinion in Environmental Sustainability</i> , 2014, 9-10, 73-81.	3.1	11
77	Pervasive transition of the Brazilian land-use system. <i>Nature Climate Change</i> , 2014, 4, 27-35.	8.1	407
78	The Use of Stable Isotopes Analysis in Wildlife Studies. , 2014, , 159-174.		0
79	Land-use change in the Atlantic rainforest region: Consequences for the hydrology of small catchments. <i>Journal of Hydrology</i> , 2013, 499, 100-109.	2.3	80
80	Stable carbon isotopic composition of Brazilian beers—A comparison between large- and small-scale breweries. <i>Journal of Food Composition and Analysis</i> , 2013, 29, 52-57.	1.9	22
81	Infield greenhouse gas emissions from sugarcane soils in Brazil: effects from synthetic and organic fertilizer application and crop trash accumulation. <i>GCB Bioenergy</i> , 2013, 5, 267-280.	2.5	161
82	Latin America's Nitrogen Challenge. <i>Science</i> , 2013, 340, 149-149.	6.0	32
83	Framing Sustainability in a Telecoupled World. <i>Ecology and Society</i> , 2013, 18, .	1.0	673
84	Use of carbon and nitrogen stable isotopes to study the feeding ecology of small coastal cetacean populations in southern Brazil. <i>Biota Neotropica</i> , 2013, 13, 90-98.	1.0	12
85	Changes in soil carbon stocks in Brazil due to land use: paired site comparisons and a regional pasture soil survey. <i>Biogeosciences</i> , 2013, 10, 6141-6160.	1.3	72
86	Corrigendum to "Changes in soil carbon stocks in Brazil due to land use: paired site comparisons and a regional pasture soil survey" published in <i>Biogeosciences</i> , 10, 6141-6160, 2013. <i>Biogeosciences</i> , 2013, 10, 6389-6389.	1.3	0
87	Water Use in Sugar and Ethanol Industry in the State of São Paulo (Southeast Brazil). <i>Journal of Sustainable Bioenergy Systems</i> , 2013, 03, 135-142.	0.2	23
88	Permeability of riparian forest strips in agricultural, small subtropical watersheds in south-eastern Brazil. <i>Marine and Freshwater Research</i> , 2012, 63, 1272.	0.7	19
89	Florística e fitossociologia em parcelas permanentes da Mata Atlântica do sudeste do Brasil ao longo de um gradiente altitudinal. <i>Biota Neotropica</i> , 2012, 12, 125-145.	1.0	71
90	Influence of land use changes on water chemistry in streams in the State of São Paulo, southeast Brazil. <i>Anais Da Academia Brasileira De Ciencias</i> , 2012, 84, 919-930.	0.3	23

#	ARTICLE	IF	CITATIONS
91	Nitrogen mass balance in the Brazilian Amazon: an update. <i>Brazilian Journal of Biology</i> , 2012, 72, 683-690.	0.4	12
92	Consequências hidrológicas da mudança de uso da terra de floresta para pastagem na região da floresta tropical pluvial atlântica. <i>Revista Ambiente & Água</i> , 2012, 7, 127-140.	0.1	5
93	Height-diameter relationships of tropical Atlantic moist forest trees in southeastern Brazil. <i>Scientia Agricola</i> , 2012, 69, 26-37.	0.6	37
94	Variation in liana abundance and biomass along an elevational gradient in the tropical Atlantic Forest (Brazil). <i>Ecological Research</i> , 2012, 27, 323-332.	0.7	22
95	Conversion of the coastal Atlantic forest to pasture: Consequences for the nitrogen cycle and soil greenhouse gas emissions. <i>Agriculture, Ecosystems and Environment</i> , 2012, 148, 37-43.	2.5	31
96	Riparian coverage affects diets of characids in neotropical streams. <i>Ecology of Freshwater Fish</i> , 2012, 21, 12-22.	0.7	55
97	Barn vs. free-range chickens: Differences in their diets determined by stable isotopes. <i>Food Chemistry</i> , 2012, 131, 155-160.	4.2	30
98	Riparian vegetation and water yield: A synthesis. <i>Journal of Hydrology</i> , 2012, 454-455, 195-202.	2.3	55
99	Carbon and nitrogen stock and fluxes in coastal Atlantic Forest of southeast Brazil: potential impacts of climate change on biogeochemical functioning. <i>Brazilian Journal of Biology</i> , 2012, 72, 633-642.	0.4	15
100	Ontogenetic changes in the food items assimilated by <i>Plagioscion squamosissimus</i> (Perciformes: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3 2011, 26, 315-321.	0.5	2
101	Sugar and ethanol production as a rural development strategy in Brazil: Evidence from the state of São Paulo. <i>Agricultural Systems</i> , 2011, 104, 419-428.	3.2	60
102	Nitrogen dynamics during ecosystem development in tropical forest restoration. <i>Forest Ecology and Management</i> , 2011, 262, 1551-1557.	1.4	61
103	Amazon deforestation in Brazil: effects, drivers and challenges. <i>Carbon Management</i> , 2011, 2, 575-585.	1.2	57
104	Florestas de restinga e de terras baixas na planície costeira do sudeste do Brasil: vegetação e heterogeneidade ambiental. <i>Biota Neotropica</i> , 2011, 11, 103-121.	1.0	44
105	Variability in the trophic position of larval fishes in the upper Paraná floodplain based on $\delta^{15}N$. <i>Anais Da Academia Brasileira De Ciencias</i> , 2011, 83, 567-574.	0.3	2
106	Soil-atmosphere exchange of nitrous oxide, methane and carbon dioxide in a gradient of elevation in the coastal Brazilian Atlantic forest. <i>Biogeosciences</i> , 2011, 8, 733-742.	1.3	77
107	Stocks of carbon and nitrogen and partitioning between above- and belowground pools in the Brazilian coastal Atlantic Forest elevation range. <i>Ecology and Evolution</i> , 2011, 1, 421-434.	0.8	69
108	Dynamics of Dissolved Forms of Carbon and Inorganic Nitrogen in Small Watersheds of the Coastal Atlantic Forest in Southeast Brazil. <i>Water, Air, and Soil Pollution</i> , 2011, 214, 393-408.	1.1	32

#	ARTICLE	IF	CITATIONS
109	Frozen chicken for wild fish: Nutritional transition in the Brazilian Amazon region determined by carbon and nitrogen stable isotope ratios in fingernails. <i>American Journal of Human Biology</i> , 2011, 23, 642-650.	0.8	67
110	Worldwide stable carbon and nitrogen isotopes of Big Mac® patties: An example of a truly "global" food. <i>Food Chemistry</i> , 2011, 127, 1712-1718.	4.2	33
111	Block changes to Brazil's Forest Code. <i>Nature</i> , 2011, 474, 579-579.	13.7	8
112	Stable isotopes of bulk organic matter to trace carbon and nitrogen dynamics in an estuarine ecosystem in Babitonga Bay (Santa Catarina, Brazil). <i>Science of the Total Environment</i> , 2010, 408, 2226-2232.	3.9	87
113	Lignin phenols used to infer organic matter sources to Sepetiba Bay " RJ, Brasil. <i>Estuarine, Coastal and Shelf Science</i> , 2010, 87, 479-486.	0.9	66
114	Agriculture in Brazil: impacts, costs, and opportunities for a sustainable future. <i>Current Opinion in Environmental Sustainability</i> , 2010, 2, 431-438.	3.1	182
115	Commodities for export still threaten rainforests in Brazil. <i>Nature</i> , 2010, 467, 271-271.	13.7	0
116	Variations in chemical and physical properties of Amazon forest soils in relation to their genesis. <i>Biogeosciences</i> , 2010, 7, 1515-1541.	1.3	365
117	Optimisation of photosynthetic carbon gain and within-canopy gradients of associated foliar traits for Amazon forest trees. <i>Biogeosciences</i> , 2010, 7, 1833-1859.	1.3	150
118	Dissolved nitrogen in rivers: comparing pristine and impacted regions of Brazil. <i>Brazilian Journal of Biology</i> , 2010, 70, 709-722.	0.4	26
119	Perspectives on the Modern Nitrogen Cycle. <i>Ecological Applications</i> , 2010, 20, 3-4.	1.8	8
120	Forest structure and live aboveground biomass variation along an elevational gradient of tropical Atlantic moist forest (Brazil). <i>Forest Ecology and Management</i> , 2010, 260, 679-691.	1.4	252
121	Contextualizing ethanol avoided carbon emissions in Brazil. <i>GCB Bioenergy</i> , 2010, 2, 152-156.	2.5	1
122	Brazilian Law: Full Speed in Reverse?. <i>Science</i> , 2010, 329, 276-277.	6.0	97
123	A falsa dicotomia entre a preservaço da vegetaço natural e a produço agropecuria. <i>Biota Neotropica</i> , 2010, 10, 323-330.	1.0	40
124	Basin-wide variations in foliar properties of Amazonian forest: phylogeny, soils and climate. <i>Biogeosciences</i> , 2009, 6, 2677-2708.	1.3	295
125	Trophic position of bottom-feeding fish in the Upper Paran River floodplain. <i>Brazilian Journal of Biology</i> , 2009, 69, 573-581.	0.4	15
126	Response to Nutrient Imbalances. <i>Science</i> , 2009, 326, 665-666.	6.0	10

#	ARTICLE	IF	CITATIONS
127	Nitrogen availability patterns in white-sand vegetations of Central Brazilian Amazon. <i>Trees - Structure and Function</i> , 2009, 23, 479-488.	0.9	29
128	Individual-level diet variation in four species of Brazilian frogs. <i>Journal of Animal Ecology</i> , 2009, 78, 848-856.	1.3	96
129	Nutrient Imbalances in Agricultural Development. <i>Science</i> , 2009, 324, 1519-1520.	6.0	1,082
130	Biogeochemistry and ecology of terrestrial ecosystems of Amazonia. <i>Geophysical Monograph Series</i> , 2009, , 293-297.	0.1	9
131	Nutrient limitations to secondary forest regrowth. <i>Geophysical Monograph Series</i> , 2009, , 299-309.	0.1	7
132	Balance between food production, biodiversity and ecosystem services in Brazil: a challenge and an opportunity. <i>Biota Neotropica</i> , 2009, 9, 21-25.	1.0	18
133	Trophic position of bottom-feeding fish in the Upper Paran�ı River floodplain. <i>Brazilian Journal of Biology</i> , 2009, 69, 573-81.	0.4	2
134	Dominance of legume trees alters nutrient relations in mixed species forest restoration plantings within seven years. <i>Biogeochemistry</i> , 2008, 88, 89-101.	1.7	86
135	CO2 and O2 dynamics in human-impacted watersheds in the state of S�o Paulo, Brazil. <i>Biogeochemistry</i> , 2008, 88, 271-283.	1.7	17
136	Understanding the Influences of Spatial Patterns on N Availability Within the Brazilian Amazon Forest. <i>Ecosystems</i> , 2008, 11, 1234-1246.	1.6	69
137	Life form-specific variations in leaf water oxygen-18 enrichment in Amazonian vegetation. <i>Oecologia</i> , 2008, 157, 197-210.	0.9	28
138	Trend analysis of water quality in some rivers with different degrees of development within the S�o Paulo State, Brazil. <i>River Research and Applications</i> , 2008, 24, 1056-1067.	0.7	22
139	EXPANSION OF SUGARCANE ETHANOL PRODUCTION IN BRAZIL: ENVIRONMENTAL AND SOCIAL CHALLENGES. <i>Ecological Applications</i> , 2008, 18, 885-898.	1.8	285
140	Transformation of the Nitrogen Cycle: Recent Trends, Questions, and Potential Solutions. <i>Science</i> , 2008, 320, 889-892.	6.0	5,246
141	Organochlorine pesticides in Piracicaba river basin (S�o Paulo/Brazil): a survey of sediment, bivalve and fish. <i>Quimica Nova</i> , 2008, 31, 214-219.	0.3	23
142	Estimation of biomass and carbon stocks: the case of the Atlantic Forest. <i>Biota Neotropica</i> , 2008, 8, 21-29.	1.0	82
143	The Use of Carbon and Nitrogen Stable Isotopes to Track Effects of Land-Use Changes in the Brazilian Amazon Region. <i>Journal of Nano Education (Print)</i> , 2007, , 301-318.	0.3	4
144	Mercury Distribution in Medium-Size Rivers and Reservoirs of the S�o Paulo State (Southeast Brazil). <i>Journal of Environmental Quality</i> , 2007, 36, 478-486.	1.0	5

#	ARTICLE	IF	CITATIONS
145	Historical land-cover/use in different slope and riparian buffer zones in watersheds of the state of São Paulo, Brazil. <i>Scientia Agricola</i> , 2007, 64, 325-335.	0.6	31
146	Soil loss risk and habitat quality in streams of a meso-scale river basin. <i>Scientia Agricola</i> , 2007, 64, 336-343.	0.6	38
147	Carbon and nitrogen stable isotopes as indicative of geographical origin of marijuana samples seized in the city of São Paulo (Brazil). <i>Forensic Science International</i> , 2007, 167, 8-15.	1.3	36
148	Polluting effects of Brazil's sugar-ethanol industry. <i>Nature</i> , 2007, 445, 364-364.	13.7	14
149	Recuperation of nitrogen cycling in Amazonian forests following agricultural abandonment. <i>Nature</i> , 2007, 447, 995-998.	13.7	381
150	Variability in the carbon isotope signature of <i>Prochilodus lineatus</i> (Prochilodontidae,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td (Char 1649-1659.	0.7	32
151	Determination of apparent digestibility coefficient in fish by stable carbon isotopes. <i>Aquaculture Nutrition</i> , 2007, 14, 071106215141011-???	1.1	2
152	Ecophysiological traits of plant functional groups in forest and pasture ecosystems from eastern Amazônia, Brazil. <i>Plant Ecology</i> , 2007, 193, 101-112.	0.7	91
153	The Use of Carbon and Nitrogen Stable Isotopes to Track Effects of Land-Use Changes in the Brazilian Amazon Region. , 2007, , 301-318.		0
154	Stable carbon and nitrogen isotopic fractionation between diet and swine tissues. <i>Scientia Agricola</i> , 2006, 63, 579-582.	0.6	32
155	Seasonality of energy sources of <i>Colossoma macropomum</i> in a floodplain lake in the Amazon - lake Camaleao, Amazonas, Brazil. <i>Fisheries Management and Ecology</i> , 2006, 13, 135-142.	1.0	30
156	Dynamics of fine root carbon in Amazonian tropical ecosystems and the contribution of roots to soil respiration. <i>Global Change Biology</i> , 2006, 12, 217-229.	4.2	122
157	Sources of reactive nitrogen affecting ecosystems in Latin America and the Caribbean: current trends and future perspectives. <i>Biogeochemistry</i> , 2006, 79, 3-24.	1.7	48
158	Human activities changing the nitrogen cycle in Brazil. <i>Biogeochemistry</i> , 2006, 79, 61-89.	1.7	73
159	The stable carbon and nitrogen isotopic composition of vegetation in tropical forests of the Amazon Basin, Brazil. <i>Biogeochemistry</i> , 2006, 79, 251-274.	1.7	134
160	Carbon sources of fish in an Amazonian floodplain lake. <i>Aquatic Sciences</i> , 2006, 68, 229-238.	0.6	61
161	Geographical patterns of human diet derived from stable-isotope analysis of fingernails. <i>American Journal of Physical Anthropology</i> , 2006, 131, 137-146.	2.1	115
162	The Impact of Sugar Cane "Burning Emissions on the Respiratory System of Children and the Elderly. <i>Environmental Health Perspectives</i> , 2006, 114, 725-729.	2.8	246

#	ARTICLE	IF	CITATIONS
163	The stable carbon and nitrogen isotopic composition of vegetation in tropical forests of the Amazon Basin, Brazil. , 2006, , 251-274.		6
164	Human activities changing the nitrogen cycle in Brazil. , 2006, , 61-89.		4
165	Sources of reactive nitrogen affecting ecosystems in Latin America and the Caribbean: current trends and future perspectives. , 2006, , 3-24.		0
166	Parameterization of Canopy Structure and Leaf-Level Gas Exchange for an Eastern Amazonian Tropical Rain Forest (Tapaj�s National Forest, Par�, Brazil). Earth Interactions, 2005, 9, 1-23.	0.7	110
167	Properties of aerosols from sugar-cane burning emissions in Southeastern Brazil. Atmospheric Environment, 2005, 39, 4627-4637.	1.9	106
168	Amazonia and the modern carbon cycle: lessons learned. Oecologia, 2005, 143, 483-500.	0.9	82
169	Impact of anthropogenic activity on the Hg concentrations in the Piracicaba river basin (S�o Paulo) Tj ETQq1 1 0.784314 rgBT /Overbo 1.1		
170	Slow growth rates of Amazonian trees: Consequences for carbon cycling. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 18502-18507.	3.3	154
171	OXYGEN ISOTOPE RATIOS OF WATERS AND RESPIRED CO2IN AMAZONIAN FOREST AND PASTURE ECOSYSTEMS. , 2005, 15, 58-70.		31
172	The Piracicaba river basin: isotope hydrology of a tropical river basin under anthropogenic stress. Isotopes in Environmental and Health Studies, 2004, 40, 45-56.	0.5	19
173	Natural controls and human impacts on stream nutrient concentrations in a deforested region of the Brazilian Amazon basin. Biogeochemistry, 2004, 68, 227-257.	1.7	93
174	Forest structure and carbon dynamics in Amazonian tropical rain forests. Oecologia, 2004, 140, 468-479.	0.9	157
175	Correction to "Influence of soil texture on carbon dynamics and storage potential in tropical forest soils of Amazonia". Global Biogeochemical Cycles, 2004, 18, n/a-n/a.	1.9	1
176	15N NATURAL ABUNDANCE IN WOODY PLANTS AND SOILS OF CENTRAL BRAZILIAN SAVANNAS (CERRADO). , 2004, 14, 200-213.		106
177	RIVERINE ORGANIC MATTER COMPOSITION AS A FUNCTION OF LAND USE CHANGES, SOUTHWEST AMAZON. , 2004, 14, 263-279.		64
178	Land use and nitrogen export in the Piracicaba River basin, Southeast Brazil. Biogeochemistry, 2003, 65, 275-294.	1.7	73
179	Inland variability of carbon-nitrogen concentrations and $\delta^{13}C$ in Amazon floodplain (várzea) vegetation and sediment. Hydrological Processes, 2003, 17, 1419-1430.	1.1	35
180	Influence of soil texture on carbon dynamics and storage potential in tropical forest soils of Amazonia. Global Biogeochemical Cycles, 2003, 17, n/a-n/a.	1.9	151

#	ARTICLE	IF	CITATIONS
181	Stable Carbon Isotopic Composition of the Wine and CO ₂ Bubbles of Sparkling Wines: Detecting C ₄ Sugar Additions. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 2625-2631.	2.4	47
182	Acid rain and nitrogen deposition in a sub-tropical watershed (Piracicaba): ecosystem consequences. <i>Environmental Pollution</i> , 2003, 121, 389-399.	3.7	43
183	Biomonitoring of Pb and Cd in two impacted watersheds in Southeast Brazil, using the freshwater mussel <i>Anodontites trapesialis</i> (Lamarck, 1819) (<i>Bivalvia</i> : <i>Mycetopodidae</i>) as a biological monitor. <i>Brazilian Archives of Biology and Technology</i> , 2003, 46, 673-684.	0.5	20
184	Heavy metals in six Brazilian watersheds: Levels of contamination in the state of São Paulo. <i>European Physical Journal Special Topics</i> , 2003, 107, 1305-1319.	0.2	2
185	Past Vegetation Changes in Amazon Savannas Determined Using Carbon Isotopes of Soil Organic Matter. <i>Biotropica</i> , 2002, 34, 2.	0.8	4
186	Relative influence of natural watershed properties and human disturbance on stream solute concentrations in the southwestern Brazilian Amazon basin. <i>Water Resources Research</i> , 2002, 38, 25-1-25-16.	1.7	50
187	Heavy and Light Beer: A Carbon Isotope Approach To Detect C ₄ Carbon in Beers of Different Origins, Styles, and Prices. <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 6413-6418.	2.4	66
188	Composition of particulate and dissolved organic matter in a disturbed watershed of southeast Brazil (Piracicaba River basin). <i>Water Research</i> , 2002, 36, 2743-2752.	5.3	41
189	Carbon isotope discrimination in forest and pasture ecosystems of the Amazon Basin, Brazil. <i>Global Biogeochemical Cycles</i> , 2002, 16, 56-1-56-10.	1.9	69
190	Isótopos estáveis e produção de bebidas: de onde vem o carbono que consumimos?. <i>Food Science and Technology</i> , 2002, 22, 285.	0.8	4
191	Levantamento das cargas orgânicas lançadas nos rios do estado de São Paulo. <i>Biota Neotropica</i> , 2002, 2, 1-18.	0.2	236
192	Stable carbon and nitrogen isotopic composition of bulk aerosol particles in a C ₄ plant landscape of southeast Brazil. <i>Atmospheric Environment</i> , 2002, 36, 2427-2432.	1.9	99
193	Stable isotope analysis of energy sources for larvae of eight fish species from the Amazon floodplain. <i>Ecology of Freshwater Fish</i> , 2002, 11, 56-63.	0.7	32
194	A comparison of delta ¹³ C ratios of surface soils in savannas and forests in Amazonia. <i>Journal of Biogeography</i> , 2002, 29, 857-863.	1.4	25
195	Past Vegetation Changes in Amazon Savannas Determined Using Carbon Isotopes of Soil Organic Matter. <i>Biotropica</i> , 2002, 34, 2-16.	0.8	75
196	Title is missing!. <i>Water, Air, and Soil Pollution</i> , 2002, 136, 189-206.	1.1	156
197	Towards an ecological understanding of biological nitrogen fixation. <i>Biogeochemistry</i> , 2002, 57, 1-45.	1.7	719
198	Stable Isotopes and Carbon Cycle Processes in Forests and Grasslands. <i>Plant Biology</i> , 2002, 4, 181-189.	1.8	59

#	ARTICLE	IF	CITATIONS
199	SIZE AND CARBON ACQUISITION IN LIZARDS FROM AMAZONIAN SAVANNA: EVIDENCE FROM ISOTOPE ANALYSIS. <i>Ecology</i> , 2001, 82, 1772-1780.	1.5	25
200	GIS EROSION RISK ASSESSMENT OF THE PIRACICABA RIVER BASIN, SOUTHEASTERN BRAZIL. <i>Mapping Sciences and Remote Sensing</i> , 2001, 38, 157-171.	0.0	25
201	Precipitation and River Water Chemistry of the Piracicaba River Basin, Southeast Brazil. <i>Journal of Environmental Quality</i> , 2001, 30, 967-981.	1.0	20
202	Chemical composition of rainwater and anthropogenic influences in the Piracicaba River Basin, Southeast Brazil. <i>Atmospheric Environment</i> , 2001, 35, 4937-4945.	1.9	179
203	Effects of land use on water chemistry and macroinvertebrates in two streams of the Piracicaba river basin, southeast Brazil. <i>Freshwater Biology</i> , 2000, 44, 327-337.	1.2	197
204	Variation in Nutrient Distribution and Potential Nutrient Losses by Selective Logging in a Humid Tropical Forest of Rondônia, Brazil. <i>Biotropica</i> , 2000, 32, 597.	0.8	27
205	Variation in Nutrient Distribution and Potential Nutrient Losses by Selective Logging in a Humid Tropical Forest of Rondonia, Brazil. <i>Biotropica</i> , 2000, 32, 597-613.	0.8	3
206	Simulação dos efeitos das mudanças do uso da terra na dinâmica de carbono no solo na bacia do rio Piracicaba. <i>Pesquisa Agropecuária Brasileira</i> , 2000, 35, 389-399.	0.9	11
207	Nitrogen stable isotopic composition of leaves and soil: Tropical versus temperate forests. <i>Biogeochemistry</i> , 1999, 46, 45-65.	1.7	490
208	The dietary regime of detritivorous fish from the River Jacaré Pepira, Brazil. <i>Fisheries Management and Ecology</i> , 1999, 6, 121-132.	1.0	21
209	Soil carbon dynamics in regrowing forest of eastern Amazonia. <i>Global Change Biology</i> , 1999, 5, 693-702.	4.2	85
210	Effects of Sewage on the Chemical Composition of Piracicaba River, Brazil. <i>Water, Air, and Soil Pollution</i> , 1999, 110, 67-79.	1.1	64
211	Contributions of C3 and C4 plants to higher trophic levels in an Amazonian savanna. <i>Oecologia</i> , 1999, 119, 91-96.	0.9	25
212	Stable carbon isotopic analysis and the botanical origin of ethanol in Brazilian brandies. <i>Food Research International</i> , 1999, 32, 665-668.	2.9	23
213	Effects of increasing organic matter loading on the dissolved O ₂ , free dissolved CO ₂ and respiration rates in the Piracicaba River basin, Southeast Brazil. <i>Water Research</i> , 1999, 33, 2119-2129.	5.3	41
214	Nitrogen stable isotopic composition of leaves and soil: Tropical versus temperate forests. <i>Biogeochemistry</i> , 1999, 46, 45-65.	1.7	207
215	Landcover changes and ¹³ C composition of riverine particulate organic matter in the piracicaba river basin (southeast region of brazil). <i>Limnology and Oceanography</i> , 1999, 44, 1826-1833.	1.6	47
216	Nitrogen stable isotopic composition of leaves and soil: Tropical versus temperate forests. , 1999, , 45-65.		75

#	ARTICLE	IF	CITATIONS
217	Contributions of C. <i>Oecologia</i> , 1999, 119, 91.	0.9	42
218	Title is missing!. <i>Water Resources Management</i> , 1998, 12, 295-311.	1.9	104
219	Root distribution in an Amazonian seasonal forest as derived from $\delta^{13}\text{C}$ profiles. <i>Plant and Soil</i> , 1998, 205, 45-50.	1.8	17
220	Stable carbon isotope ratio of tree leaves, boles and fine litter in a tropical forest in Rondônia, Brazil. <i>Oecologia</i> , 1998, 114, 170-179.	0.9	87
221	The relationship between $^{18}\text{O}/^{16}\text{O}$ and $^{13}\text{C}/^{12}\text{C}$ ratios of ambient CO_2 in two Amazonian tropical forests. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 1998, 50, 366-376.	0.8	9
222	Surface Air Temperature Variations in the Amazon Region and Its Borders during This Century. <i>Journal of Climate</i> , 1998, 11, 1105-1110.	1.2	49
223	Carbon dioxide recycling in two Amazonian tropical forests. <i>Agricultural and Forest Meteorology</i> , 1997, 88, 259-268.	1.9	33
224	SPATIAL AND TEMPORAL WATER QUALITY VARIABILITY IN THE PIRACICABA RIVER BASIN, BRAZIL. <i>Journal of the American Water Resources Association</i> , 1997, 33, 1117-1123.	1.0	25
225	Hydrograph Separation of the Amazon River: A Methodological Study. <i>Aquatic Geochemistry</i> , 1997, 3, 117-128.	1.5	16
226	Contribution of transpiration to forest ambient vapour based on isotopic measurements. <i>Global Change Biology</i> , 1997, 3, 439-450.	4.2	173
227	Using stable isotopes to determine sources of evaporated water to the atmosphere in the Amazon basin. <i>Journal of Hydrology</i> , 1996, 183, 191-204.	2.3	90
228	Seasonal variations in the ^{13}C - CH_4 of Amazon floodplain waters. <i>SIL Communications 1953-1996</i> , 1996, 25, 173-178.	0.1	4
229	Carbon-13 variation with depth in soils of Brazil and climate change during the Quaternary. <i>Oecologia</i> , 1996, 106, 376-381.	0.9	78
230	Channel-floodplain geomorphology along the Solimões-Amazon River, Brazil. <i>Bulletin of the Geological Society of America</i> , 1996, 108, 1089-1107.	1.6	230
231	Natural Radiocarbon Measurements in Brazilian Soils Developed on Basic Rocks. <i>Radiocarbon</i> , 1996, 38, 203-208.	0.8	46
232	Past vegetation changes in the Brazilian Pantanal arboreal-grassy savanna ecotone by using carbon isotopes in the soil organic matter. <i>Global Change Biology</i> , 1995, 1, 165-171.	4.2	59
233	Spatial patterns of hydrology, geomorphology, and vegetation on the floodplain of the Amazon River in Brazil from a remote sensing perspective. , 1995, , 215-232.		4
234	Spatial patterns of hydrology, geomorphology, and vegetation on the floodplain of the Amazon river in Brazil from a remote sensing perspective. <i>Geomorphology</i> , 1995, 13, 215-232.	1.1	206

#	ARTICLE	IF	CITATIONS
235	Uncertainty in the biomass of Amazonian forests: An example from Rondônia, Brazil. <i>Forest Ecology and Management</i> , 1995, 75, 175-189.	1.4	235
236	Belowground cycling of carbon in forests and pastures of eastern Amazonia. <i>Global Biogeochemical Cycles</i> , 1995, 9, 515-528.	1.9	429
237	Hydroclimatology and biogeochemistry of the Amazon. <i>Chemical Geology</i> , 1993, 107, 333-336.	1.4	8
238	Hydroclimatology and biogeochemistry of the Amazon. <i>Chemical Geology</i> , 1993, 107, 411-414.	1.4	13
239	Autotrophic Carbon Sources for Fish of the Central Amazon. <i>Ecology</i> , 1993, 74, 643-652.	1.5	230
240	Chemical and mineralogical composition of Amazon River floodplain sediments, Brazil. <i>Applied Geochemistry</i> , 1993, 8, 391-402.	1.4	47
241	The Use of Stable Isotopes in Studies of Nutrient Cycling: Carbon Isotope Composition of Amazon Varzea Sediments. <i>Biotropica</i> , 1992, 24, 240.	0.8	21
242	¹⁵ N natural abundance in plants of the Amazon River floodplain and potential atmospheric N ₂ fixation. <i>Oecologia</i> , 1992, 90, 591-596.	0.9	42
243	Stable carbon isotope variation in C ₃ and C ₄ plants along the Amazon River. <i>Nature</i> , 1991, 353, 57-59.	13.7	54
244	Biogeochemistry of carbon in the Amazon River. <i>Limnology and Oceanography</i> , 1990, 35, 352-371.	1.6	339
245	Seasonal dynamics in methane emissions from the Amazon River floodplain to the troposphere. <i>Journal of Geophysical Research</i> , 1990, 95, 16417-16426.	3.3	149
246	Nature of POC transport in a mangrove ecosystem: A carbon stable isotopic study. <i>Estuarine, Coastal and Shelf Science</i> , 1990, 30, 641-645.	0.9	55
247	Suspended sediment load in the Amazon basin: An overview. <i>Geo Journal</i> , 1989, 19, 381.	1.7	24
248	Biogeochemistry of the Madeira river basin. <i>Geo Journal</i> , 1989, 19, 391.	1.7	8
249	Development and erosion in the Brazilian Amazon: A geochronological case study. <i>Geo Journal</i> , 1989, 19, 399.	1.7	8
250	Spatial and temporal variations in soil chemistry on the Amazon floodplain. <i>Geo Journal</i> , 1989, 19, 45-52.	1.7	15
251	Methane emissions to the troposphere from the Amazon floodplain. <i>Journal of Geophysical Research</i> , 1988, 93, 1583-1592.	3.3	191
252	The fate of trace metals in suspended matter in a mangrove creek during a tidal cycle. <i>Science of the Total Environment</i> , 1988, 75, 169-180.	3.9	87

#	ARTICLE	IF	CITATIONS
253	Factors controlling nutrient concentrations in Amazon floodplain lakes1. <i>Limnology and Oceanography</i> , 1988, 33, 41-56.	1.6	141
254	The role of gas exchange in the inorganic carbon, oxygen, and ²²² Rn budgets of the Amazon River1. <i>Limnology and Oceanography</i> , 1987, 32, 235-248.	1.6	75
255	Energy Sources for Detritivorous Fishes in the Amazon. <i>Science</i> , 1986, 234, 1256-1258.	6.0	212
256	SIAâ€œBRA: A database of animal stable carbon and nitrogen isotope ratios of Brazil. <i>Global Ecology and Biogeography</i> , 0, , .	2.7	3
257	Soil metal concentrations after five years of pasture-to-sugarcane conversion. <i>Bragantia</i> , 0, 81, .	1.3	1