

# Henrique Sawakuchi

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/5657686/henrique-sawakuchi-publications-by-year.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

35  
papers

914  
citations

17  
h-index

30  
g-index

43  
ext. papers

1,260  
ext. citations

5  
avg, IF

4.07  
L-index

#	Paper	IF	Citations
35	Water influence on CH <sub>4</sub> and CO <sub>2</sub> generation from tar sandstones: Insights from incubation experiments in the Pirambóia Formation, Parana Basin. <i>Journal of South American Earth Sciences</i> , <b>2021</b> , 106, 103097	2	1
34	How green can Amazon hydropower be? Net carbon emission from the largest hydropower plant in Amazonia. <i>Science Advances</i> , <b>2021</b> , 7,	14.3	3
33	CO <sub>2</sub> partial pressure and fluxes in the Amazon River plume using in situ and remote sensing data. <i>Continental Shelf Research</i> , <b>2021</b> , 215, 104348	2.4	7
32	Diel Variability of CO <sub>2</sub> Emissions From Northern Lakes. <i>Journal of Geophysical Research G: Biogeosciences</i> , <b>2021</b> , 126, e2021JG006246	3.7	0
31	Negligible Quantities of Particulate Low-Temperature Pyrogenic Carbon Reach the Atlantic Ocean via the Amazon River. <i>Global Biogeochemical Cycles</i> , <b>2021</b> , 35, e2021GB006990	5.9	2
30	Phosphorus Regulation of Methane Oxidation in Water From Ice-Covered Lakes. <i>Journal of Geophysical Research G: Biogeosciences</i> , <b>2021</b> , 126, e2020JG006190	3.7	0
29	Diel variability of methane emissions from lakes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 21488-21494	11.5	19
28	Incubation experiments to constrain the production of methane and carbon dioxide in organic-rich shales of the Permian Irati Formation, Parana Basin. <i>Marine and Petroleum Geology</i> , <b>2020</b> , 112, 104039	4.7	4
27	Enhanced Aquatic Respiration Associated With Mixing of Clearwater Tributary and Turbid Amazon River Waters. <i>Frontiers in Earth Science</i> , <b>2019</b> , 7,	3.5	9
26	Carbon dioxide (CO <sub>2</sub> ) concentrations and emission in the newly constructed Belo Monte hydropower complex in the Xingu River, Amazonia. <i>Biogeosciences</i> , <b>2019</b> , 16, 3527-3542	4.6	8
25	Performance of Landsat-8 and Sentinel-2 surface reflectance products for river remote sensing retrievals of chlorophyll-a and turbidity. <i>Remote Sensing of Environment</i> , <b>2019</b> , 224, 104-118	13.2	113
24	Luminescence of quartz and feldspar fingerprints provenance and correlates with the source area denudation in the Amazon River basin. <i>Earth and Planetary Science Letters</i> , <b>2018</b> , 492, 152-162	5.3	32
23	Velocity-amplified microbial respiration rates in the lower Amazon River. <i>Limnology and Oceanography Letters</i> , <b>2018</b> , 3, 265-274	7.9	19
22	Lipoxygenase-induced autoxidative degradation of terrestrial particulate organic matter in estuaries: A widespread process enhanced at high and low latitude. <i>Organic Geochemistry</i> , <b>2018</b> , 115, 78-92	3.1	16
21	Using CDOM optical properties for estimating DOC concentrations and pCO <sub>2</sub> in the Lower Amazon River. <i>Optics Express</i> , <b>2018</b> , 26, A657-A677	3.3	18
20	The Amazon River Ecosystem: Where Land Meets the Sea. <i>Eos</i> , <b>2018</b> , 99,	1.5	5
19	ATLANTIC AMPHIBIANS: a data set of amphibian communities from the Atlantic Forests of South America. <i>Ecology</i> , <b>2018</b> , 99, 1692	4.6	9

18	Landscape changes in a neotropical forest-savanna ecotone zone in central Brazil: The role of protected areas in the maintenance of native vegetation. <i>Journal of Environmental Management</i> , <b>2017</b> , 187, 16-23	7.9	18
17	Where Carbon Goes When Water Flows: Carbon Cycling across the Aquatic Continuum. <i>Frontiers in Marine Science</i> , <b>2017</b> , 4,	4.5	112
16	Evaluation of Primary Production in the Lower Amazon River Based on a Dissolved Oxygen Stable Isotopic Mass Balance. <i>Frontiers in Marine Science</i> , <b>2017</b> , 4,	4.5	9
15	The Fate of Carbon in Sediments of the Xingu and Tapaj� Clearwater Rivers, Eastern Amazon. <i>Frontiers in Marine Science</i> , <b>2017</b> , 4,	4.5	13
14	Carbon Dioxide Emissions along the Lower Amazon River. <i>Frontiers in Marine Science</i> , <b>2017</b> , 4,	4.5	71
13	Bacterial Biogeography across the Amazon River-Ocean Continuum. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 882	5.7	49
12	Biogenic methane and carbon dioxide generation in organic-rich shales from southeastern Brazil. <i>International Journal of Coal Geology</i> , <b>2016</b> , 162, 1-13	5.5	7
11	Oxidative mitigation of aquatic methane emissions in large Amazonian rivers. <i>Global Change Biology</i> , <b>2016</b> , 22, 1075-85	11.4	39
10	The reactivity of plant-derived organic matter and the potential importance of priming effects along the lower Amazon River. <i>Journal of Geophysical Research G: Biogeosciences</i> , <b>2016</b> , 121, 1522-1539	3.7	60
9	Origin, transport and deposition of leaf-wax biomarkers in the Amazon Basin and the adjacent Atlantic. <i>Geochimica Et Cosmochimica Acta</i> , <b>2016</b> , 192, 149-165	5.5	29
8	The compositional evolution of dissolved and particulate organic matter along the lower Amazon RiverBidos to the ocean. <i>Marine Chemistry</i> , <b>2015</b> , 177, 244-256	3.7	58
7	Methane and Carbon Dioxide Dynamics in the Paraguay River Floodplain (Pantanal) in Episodic Anoxia Events. <i>Handbook of Environmental Chemistry</i> , <b>2015</b> , 163-178	0.8	5
6	Estimating greenhouse gas emissions from future Amazonian hydroelectric reservoirs. <i>Environmental Research Letters</i> , <b>2015</b> , 10, 124019	6.2	45
5	The Volta Grande do Xingu: reconstruction of past environments and forecasting of future scenarios of a unique Amazonian fluvial landscape. <i>Scientific Drilling</i> , <b>2015</b> , 20, 21-32		19
4	Methane emissions from Amazonian Rivers and their contribution to the global methane budget. <i>Global Change Biology</i> , <b>2014</b> , 20, 2829-40	11.4	79
3	The Role of Physical and Political Factors on the Conservation of Native Vegetation in the Brazilian Forest-Savanna Ecotone. <i>Open Journal of Forestry</i> , <b>2013</b> , 03, 49-56	0.4	2
2	Species composition and similarities among anuran assemblages of forest sites in southeastern Brazil. <i>Scientia Agricola</i> , <b>2007</b> , 64, 364-374	2.5	28
1	Carbon and Beyond: The Biogeochemistry of Climate in a Rapidly Changing Amazon. <i>Frontiers in Forests and Global Change</i> ,4,	3.7	3

