Naziano Filizola

List of Publications by Year
in descending order

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71 papers	3,507 citations	159585 30 h-index	138484 58 g-index
76 all docs	76 docs citations	76 times ranked	4447 citing authors

#	Article	IF	Citations
1	Damming the rivers of the Amazon basin. Nature, 2017, 546, 363-369.	27.8	526
2	Onset and End of the Rainy Season in the Brazilian Amazon Basin. Journal of Climate, 2001, 14, 833-852.	3.2	323
3	Increase in suspended sediment discharge of the Amazon River assessed by monitoring network and satellite data. Catena, 2009, 79, 257-264.	5.0	176
4	Rating curves and estimation of average water depth at the upper Negro River based on satellite altimeter data and modeled discharges. Journal of Hydrology, 2006, 328, 481-496.	5.4	155
5	Contrasting regional discharge evolutions in the Amazon basin (1974â€“2004). Journal of Hydrology, 2009, 375, 297-311.	5.4	155
6	OZCAR: The French Network of Critical Zone Observatories. Vadose Zone Journal, 2018, 17, 1-24.	2.2	126
7	Time scale and conditions of weathering under tropical climate: Study of the Amazon basin with U-series. Geochimica Et Cosmochimica Acta, 2006, 70, 71-89.	3.9	125
8	Suspended sediment yields in the Amazon basin: an assessment using the Brazilian national data set. Hydrological Processes, 2009, 23, 3207-3215.	2.6	117
9	Temporal dynamics of water and sediment exchanges between the CuruaÃ-floodplain and the Amazon River, Brazil. Journal of Hydrology, 2007, 335, 140-156.	5.4	112
10	Sediment production and delivery in the Amazon River basin quantified by in situ-produced cosmogenic nuclides and recent river loads. Bulletin of the Geological Society of America, 2011, 123, 934-950.	3.3	111
11	A field study of the confluence between Negro and SolimÃµes Rivers. Part 1: Hydrodynamics and sediment transport. Comptes Rendus - Geoscience, 2018, 350, 31-42.	1.2	91
12	Discharge simulation in the sub-basins of the Amazon using ORCHIDEE forced by new datasets. Hydrology and Earth System Sciences, 2012, 16, 911-935.	4.9	87
13	Mixing processes in the Amazon River at the confluences of the Negro and SolimÃµes Rivers, Encontro das Ãguas, Manaus, Brazil. Hydrological Processes, 2009, 23, 3131-3140.	2.6	86
14	The use of Doppler technology for suspended sediment discharge determination in the River Amazon / Lâ€™utilisation des techniques Doppler pour la dÃ©termination du transport solide de lâ€™Amazone. Hydrological Sciences Journal, 2004, 49, 143-153.	2.6	81
15	Seasonal and provenance controls on Ndâ€“Sr isotopic compositions of Amazon rivers suspended sediments and implications for Nd and Sr fluxes exported to the Atlantic Ocean. Earth and Planetary Science Letters, 2008, 274, 511-523.	4.4	80
16	Seaâ€tide effects on flows in the lower reaches of the Amazon River. Hydrological Processes, 2009, 23, 3141-3150.	2.6	66
17	Amazon River dissolved load: temporal dynamics and annual budget from the Andes to the ocean. Environmental Science and Pollution Research, 2016, 23, 11405-11429.	5.3	60
18	The geochemical filter of large river confluences. Chemical Geology, 2016, 441, 191-203.	3.3	53

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19	A field study of the confluence between Negro and SolimÃµes Rivers. Part 2: Bed morphology and stratigraphy. Comptes Rendus - Geoscience, 2018, 350, 43-54.	1.2	52
20	The Amazon Dense GNSS Meteorological Network: A New Approach for Examining Water Vapor and Deep Convection Interactions in the Tropics. Bulletin of the American Meteorological Society, 2015, 96, 2151-2165.	3.3	44
21	Hydraulic complexity at a large river confluence in the Amazon basin. Ecohydrology, 2017, 10, e1863.	2.4	44
22	A reassessment of the suspended sediment load in the Madeira River basin from the Andes of Peru and Bolivia to the Amazon River in Brazil, based on 10 years of data from the HYBAM monitoring programme. Journal of Hydrology, 2017, 553, 35-48.	5.4	42
23	Was the 2009 flood the most hazardous or the largest ever recorded in the Amazon?. Geomorphology, 2014, 215, 99-105.	2.6	41
24	A test of the cosmogenic¹⁰Be(meteoric)/⁹Be proxy for simultaneously determining basin-wide erosion rates, denudation rates, and the degree of weathering in the Amazon basin. Journal of Geophysical Research F: Earth Surface, 2015, 120, 2498-2528.	2.8	41
25	On the mixing of rivers with a difference in density: The case of the Negro/SolimÃµes confluence, Brazil. Journal of Hydrology, 2019, 578, 124029.	5.4	39
26	Carbon and metal concentrations, size distributions and fluxes in major rivers of the Amazon basin. Hydrological Processes, 2003, 17, 1363-1377.	2.6	37
27	A dense GNSS meteorological network for observing deep convection in the Amazon. Atmospheric Science Letters, 2011, 12, 207-212.	1.9	35
28	River Mixing in the Amazon as a Driver of Concentrationâ€Discharge Relationships. Water Resources Research, 2017, 53, 8660-8685.	4.2	33
29	Discharge and suspended sediment flux estimated along the mainstream of the Amazon and the Madeira Rivers (from in situ and MODIS Satellite Data). International Journal of Applied Earth Observation and Geoinformation, 2013, 21, 341-355.	2.8	32
30	Measuring and modeling vertical gradients in suspended sediments in the SolimÃµes/Amazon River. Hydrological Processes, 2017, 31, 654-667.	2.6	31
31	Nature and properties of suspended solids in the Amazon Basin. Bulletin - Societie Geologique De France, 2002, 173, 67-75.	2.2	29
32	A 3D analysis of spatial habitat metrics about the confluence of Negro and SolimÃµes rivers, Brazil. Ecohydrology, 2020, 13, e2166.	2.4	29
33	Fluxo de sedimentos em suspensÃ£o nos rios da AmazÃ´nia. Revista Brasileira De GeociÃªncias, 2011, 41, 566-576.	0.1	29
34	Social Vulnerability to Climatic Shocks Is Shaped by Urban Accessibility. Annals of the American Association of Geographers, 2018, 108, 125-143.	2.2	26
35	Fate of particulate copper and zinc isotopes at the SolimÃµes-Negro river confluence, Amazon Basin, Brazil. Chemical Geology, 2018, 489, 1-15.	3.3	26
36	Spatiotemporal Dynamics of Suspended Sediments in the Negro River, Amazon Basin, from In Situ and Sentinel-2 Remote Sensing Data. ISPRS International Journal of Geo-Information, 2021, 10, 86.	2.9	25

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37	Wood decomposition in Amazonian hydropower reservoirs: An additional source of greenhouse gases. Journal of South American Earth Sciences, 2013, 44, 104-107.	1.4	24
38	Spatio-temporal monitoring of suspended sediments in the SolimÃµes River (2000â€“2014). Comptes Rendus - Geoscience, 2018, 350, 4-12.	1.2	24
39	Application of retracked satellite altimetry for inland hydrologic studies. International Journal of Remote Sensing, 2010, 31, 3913-3929.	2.9	23
40	Rainfall control on Amazon sediment flux: synthesis from 20 years of monitoring. Environmental Research Communications, 2020, 2, 051008.	2.3	22
41	Analysis of Suspended Sediment in the Anavilhanas Archipelago, Rio Negro, Amazon Basin. Water (Switzerland), 2020, 12, 1073.	2.7	18
42	Evolution of the riverine nutrient export to the Tropical Atlantic over the last 15 years: is there a link with Sargassum proliferation?. Environmental Research Letters, 2021, 16, 034042.	5.2	18
43	Epidemiological analysis of malaria and its relationships with hydrological variables in four municipalities of the State of Amazonas, Brazil. Hydrological Sciences Journal, 2013, 58, 1495-1504.	2.6	17
44	Purus River suspended sediment variability and contributions to the Amazon River from satellite data (2000â€“2015). Comptes Rendus - Geoscience, 2018, 350, 13-19.	1.2	16
45	Variabilidade dos casos de malÃ¡ria e sua relaÃ§Ã£o com a precipitaÃ§Ã£o e nÃvel dâ€™Ã¡gua dos rios no Estado do Amazonas, Brasil. Cadernos De Saude Publica, 2019, 35, e00020218.	1.0	16
46	Accuracy of the malaria epidemiological surveillance system data in the state of Amazonas. Acta Amazonica, 2016, 46, 383-390.	0.7	15
47	The Significance of Suspended Sediment Transport Determination on the Amazonian Hydrological Scenario. , 0, , .		14
48	Decline of Fine Suspended Sediments in the Madeira River Basin (2003â€“2017). Water (Switzerland), 2019, 11, 514.	2.7	14
49	A cheia de 2009 na AmazÃ´nia Brasileira. Revista Brasileira De GeociÃªncias, 2011, 41, 577-586.	0.1	14
50	Measuring the discharge of the Amazon River using Doppler technology (Manacapuru, Amazonas,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.6	13
51	Prediction of river discharges at confluences based on Entropy theory and surface-velocity measurements. Journal of Hydrology, 2022, 606, 127404.	5.4	13
52	Bedform Morphology in the Area of the Confluence of the Negro and SolimÃµes-Amazon Rivers, Brazil. Water (Switzerland), 2020, 12, 1630.	2.7	10
53	The Rise of Climate-Driven Sediment Discharge in the Amazonian River Basin. Atmosphere, 2020, 11, 208.	2.3	10
54	Suspended Sediment Variability at the SolimÃµes and Negro Confluence between May 2013 and February 2014. Geosciences (Switzerland), 2018, 8, 265.	2.2	6

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55	VariabilitÃ© hydrologique et vulnÃ©rabilitÃ© des populations du Lago Janauaca (Amazonas, BrÃ©sil). Confins, 2011, , .	0.1	6
56	Monitoring water level in large trans-boundary ungauged basins with altimetry: the example of ENVISAT over the Amazon basin. Proceedings of SPIE, 2008, , .	0.8	5
57	Inundation Risk in Large Tropical Basins and Potential Survey from Radar Altimetry: Example in the Amazon Basin. Marine Geodesy, 2009, 32, 303-319.	2.0	5
58	On the Relationship between Suspended Sediment Concentration, Rainfall Variability and Groundwater: An Empirical and Probabilistic Analysis for the Andean Beni River, Bolivia (2003â€“2016). Water (Switzerland), 2019, 11, 2497.	2.7	4
59	Suspended sediment transport estimation in Negro River (Amazon Basin) using MSI/Sentinel-2 data. Revista Brasileira De Geomorfologia, 2022, 23, .	0.2	4
60	The Negro River in the Anavilhanas Archipelago: Streamflow and geomorphology of a complex anabranching system in the Amazon. Earth Surface Processes and Landforms, 2022, 47, 1108-1123.	2.5	4
61	The Role of the Rainfall Variability in the Decline of the Surface Suspended Sediment in the Upper Madeira Basin (2003â€“2017). Frontiers in Water, 2021, 3, .	2.3	3
62	Hydrological Scenarios and Malaria Incidence in the Amazonian Context. Water (Switzerland), 2022, 14, 1283.	2.7	3
63	Hydrologie et production agricole dans le nord-ouest de lâ€™Amazonie. Bulletin De L'Association De Geographes Francais, 2016, 93, 270-286.	0.1	2
64	<i>Stage-discharge relation in non-uniform flow based on Strickler-Manning Equation on Amazon basin</i>. , 2017, , .		1
65	ESTUDO HIDROLÃ“GICO DO EFEITO DE BARRAMENTO HIDRÃ‰LICO NO RIO TARUMÃƒ-AÃ‡U, MANAUS-AM. Revista Brasileira De Geomorfologia, 2021, 22, .	0.2	1
66	Modelling surface water dynamics in an Amazonian sub-basin: impacts of hydraulic geometry refinement. Hydrological Sciences Journal, 0, , 1-11.	2.6	1
67	Variable backwater and channel roughness: effects on SolimÃµes River discharge. Comptes Rendus - Geoscience, 2020, 352, 185-198.	1.2	1
68	Hydrological and Geochemical Dynamics of the Mixing Water Zone of the Rios SolimÃµes and Negro in the Amazon Basin. , 2000, , 1.		0
69	<i>Identification of hydrologically homogeneous regions in the SolimÃµes river basin in the Amazon region</i>. , 2018, , .		0
70	O PROJETO HIDROGEOS-NEGRO NO ARQUIPÃ‰LAGO DE ANAVILHANAS, NOVO AIRÃƒO (AM). Revista Geonorte, 2019, 10, 153-167.	0.1	0
71	CARACTERIZAÃ‡ÃƒO HIDROLÃ“GICA DOS SISTEMAS LACUSTRES DO ARQUIPÃ‰LAGO DE ANAVILHANAS COM BASE EM SENSORIAMENTO REMOTO. Geociencias, 2020, 39, 411-424.	0.1	0