

Gilberto Fisch

List of Publications by Year in descending order

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42
papers

368
citations

1163117

8
h-index

888059

17
g-index

43
all docs

43
docs citations

43
times ranked

721
citing authors

#	ARTICLE	IF	CITATIONS
1	The CO ₂ record at the Amazon Tall Tower Observatory: A new opportunity to study processes on seasonal and interannual scales. <i>Global Change Biology</i> , 2022, 28, 588-611.	9.5	8
2	Nocturnal Boundary Layer Erosion Analysis in the Amazon Using Large-Eddy Simulation during GoAmazon Project 2014/5. <i>Atmosphere</i> , 2021, 12, 240.	2.3	6
3	Low-Level Atmospheric Flow at the Central North Coast of Brazil. <i>Boundary-Layer Meteorology</i> , 2021, 180, 289-317.	2.3	5
4	Morning boundary layer conditions for shallow to deep convective cloud evolution during the dry season in the central Amazon. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 13207-13225.	4.9	6
5	Hourly day-ahead wind power forecasting at two wind farms in northeast Brazil using WRF model. <i>Energy</i> , 2021, 230, 120841.	8.8	26
6	Observational analysis of the daily cycle of the planetary boundary layer in the central Amazon during a non-El Niño year and El Niño year (GoAmazon project 2014/5). <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 5547-5558.	4.9	17
7	Understanding nighttime methane signals at the Amazon Tall Tower Observatory (ATTO). <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 6583-6606.	4.9	11
8	Erosion of the nocturnal boundary layer in the central Amazon during the dry season. <i>Acta Amazonica</i> , 2020, 50, 80-89.	0.7	4
9	Cisalhamento do Vento no Aeroporto Internacional de São Paulo: Aspectos Observacionais e de Modelagem. <i>Revista Brasileira De Meteorologia</i> , 2020, 35, 301-315.	0.5	0
10	Projeções da temperatura da superfície na bacia hidrográfica do rio Tietê SP para o final do Século XXI. <i>Revista Brasileira De Geografia Física</i> , 2020, 13, 3206-3218.	0.1	0
11	Precipitação e temperatura do ar simuladas pelo modelo ETA/CPTEC - HADCM3 para o estado do Rio de Janeiro. <i>Revista Brasileira De Geografia Física</i> , 2020, 13, 2037.	0.1	0
12	Analysis of Moisture Transport from Amazonia to Southeastern Brazil During the Austral Summer. <i>Revista Brasileira De Geografia Física</i> , 2020, 13, 2650-2670.	0.1	6
13	Is There a Classical Inertial Sublayer Over the Amazon Forest?. <i>Geophysical Research Letters</i> , 2019, 46, 5614-5622.	4.0	21
14	Rocket emissions representation in atmospheric air quality models: The short-range atmospheric transport and reaction of gases released by solid propellant engines. <i>Meteorological Applications</i> , 2019, 26, 171-181.	2.1	2
15	Evolution of the Planetary Boundary Layer on the northern coast of Brazil during the CHUVA campaign. <i>Atmospheric Research</i> , 2018, 203, 298-310.	4.1	3
16	Regional Hydroclimatic Variability Due To Contemporary Deforestation in Southern Amazonia and Associated Boundary Layer Characteristics. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 3993-4014.	3.3	7
17	Modelling weather risk preferences with multi-criteria decision analysis for an aerospace vehicle launch. <i>Meteorological Applications</i> , 2018, 25, 456-465.	2.1	8
18	Local Convection and Turbulence in the Amazonia Using Large Eddy Simulation Model. <i>Atmosphere</i> , 2018, 9, 399.	2.3	8

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19	Variabilidade Temporal da Radiação Solar Durante o Experimento GOAmazon 2014/15. Revista Brasileira De Meteorologia, 2018, 33, 353-365.	0.5	4
20	The Use of an Atmospheric Model to Simulate the Rocket Exhaust Effluents Transport and Dispersion for the Centro de Lançamento de Alcântara. Journal of Aerospace Technology and Management, 2017, 9, 137-146.	0.3	4
21	ACRIDICON – CHUVA Campaign: Studying Tropical Deep Convective Clouds and Precipitation over Amazonia Using the New German Research Aircraft HALO. Bulletin of the American Meteorological Society, 2016, 97, 1885-1908.	3.3	124
22	Uso do Modelo WRF-CHEM para a Simulação da Dispersão de Gases no Centro de Lançamento de Alcântara.. Revista Brasileira De Meteorologia, 2016, 31, 610-625.	0.5	3
23	The Mapping of Aerospace Meteorology in the Brazilian Space Program: Challenges and Opportunities for Rocket Launch. Journal of Aerospace Technology and Management, 2015, 7, 7-18.	0.3	13
24	Simulation of Rocket Exhaust Clouds at the Centro de Lançamento de Alcântara Using the WRF-CMAQ Modeling System. Journal of Aerospace Technology and Management, 2014, 6, 119-128.	0.3	4
25	Observational Study of the Surface Layer at an Ocean – Land Transition Region. Journal of Aerospace Technology and Management, 2013, 5, 449-458.	0.3	8
26	Characterization of surface level wind in the Centro de Lançamento de Alcântara for use in rocket structure loading and dispersion studies. Journal of Aerospace Technology and Management, 2012, 4, 69-80.	0.3	10
27	Numerical study of the atmospheric flow over a coastal cliff. International Journal for Numerical Methods in Fluids, 2011, 67, 599-608.	1.6	9
28	Camada limite noturna sobre Área de pastagem na Amazônia. Revista Brasileira De Meteorologia, 2011, 26, 619-628.	0.5	7
29	A multilayer model to simulate rocket exhaust clouds. Journal of Aerospace Technology and Management, 2011, 3, 41-52.	0.3	10
30	Atmospheric flow measurements using the PIV and HWA techniques. Journal of Aerospace Technology and Management, 2010, 2, 127-136.	0.3	6
31	Comparisons between aerovane and sonic anemometer wind measurements at Alcântara Launch Center. Journal of Aerospace Technology and Management, 2010, 2, 105-110.	0.3	5
32	Studies using wind tunnel to simulate the atmospheric boundary layer at the Alcântara Space Center. Journal of Aerospace Technology and Management, 2009, 1, 91-98.	0.3	6
33	Modelagem da camada limite noturna (CLN) durante a época úmida na Amazônia, sob diferentes condições de desenvolvimento. Revista Brasileira De Meteorologia, 2007, 22, 387-407.	0.5	8
34	Intercomparação entre quatro métodos de estimativa da altura da camada limite convectiva durante o experimento RaCCI - LBA (2002) em Rondônia - Amazônia. Revista Brasileira De Meteorologia, 2007, 22, 322-328.	0.5	4
35	Análise espacial dos ventos no Centro de Lançamento de Alcântara, Maranhão. Ciência E Natura, 0, 40, 57.	0.0	2
36	Wind Tunnel Investigation of the Wind Patterns in the Launching Pad Area of the Brazilian Alcântara Launch Center. Journal of Aerospace Technology and Management, 0, 11, .	0.3	1

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37	Evaluation of surface fluxes using the WRF model – a case study to the Bananal wetlands™ region. <i>Ciência E Natura</i> , 0, 42, e17.	0.0	0
38	Estimativa da altura da camada limite planetária no Centro de Lançamento de Alcântara. <i>Ciência E Natura</i> , 0, 42, e23.	0.0	0
39	Atmospheric Flow at Alcântara Launch Center. <i>Ciência E Natura</i> , 0, 42, e35.	0.0	0
40	Analysis of the simulation of the PALM model for the Convective Boundary Layer in the Amazon (GOAMAZON 2014/5). <i>Ciência E Natura</i> , 0, 42, e38.	0.0	0
41	Geoprocessing and climate simulation applied to transposition between watershed in São Paulo state, Brazil. <i>Agro@mbiente on-line</i> , 0, 14, .	0.2	0
42	Atmospheric Flow at Alcântara Launch Center. <i>Journal of Aerospace Technology and Management</i> , 0, 14, .	0.3	0