

Gilberto Fisch

List of Publications by Year in descending order

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721
citing authors

#	ARTICLE	IF	CITATIONS
1	ACRIDICONâ€“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
2	Hourly day-ahead wind power forecasting at two wind farms in northeast Brazil using WRF model. Energy, 2021, 230, 120841.	8.8	26
3	Is There a Classical Inertial Sublayer Over the Amazon Forest?. Geophysical Research Letters, 2019, 46, 5614-5622.	4.0	21
4	Observational analysis of the daily cycle of the planetary boundary layer in the central Amazon during a non-El NiÃ±o year and El NiÃ±o year (GoAmazon project 2014/5). Atmospheric Chemistry and Physics, 2020, 20, 5547-5558.	4.9	17
5	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
6	Understanding nighttime methane signals at the Amazon Tall Tower Observatory (ATTO). Atmospheric Chemistry and Physics, 2020, 20, 6583-6606.	4.9	11
7	A multilayer model to simulate rocket exhaust clouds. Journal of Aerospace Technology and Management, 2011, 3, 41-52.	0.3	10
8	Characterization of surface level wind in the Centro de LanÃ§amento de AlcÃ¢ntara for use in rocket structure loading and dispersion studies. Journal of Aerospace Technology and Management, 2012, 4, 69-80.	0.3	10
9	Numerical study of the atmospheric flow over a coastal cliff. International Journal for Numerical Methods in Fluids, 2011, 67, 599-608.	1.6	9
10	Modelagem da camada limite noturna (CLN) durante a Ã©poca Ã©mida na AmazÃ´nia, sob diferentes condiÃ§Ãµes de desenvolvimento. Revista Brasileira De Meteorologia, 2007, 22, 387-407.	0.5	8
11	Modelling weather risk preferences with multi-Ã©riteria decision analysis for an aerospace vehicle launch. Meteorological Applications, 2018, 25, 456-465.	2.1	8
12	Local Convection and Turbulence in the Amazonia Using Large Eddy Simulation Model. Atmosphere, 2018, 9, 399.	2.3	8
13	The CO ₂ record at the Amazon Tall Tower Observatory: A new opportunity to study processes on seasonal and inter-annual scales. Global Change Biology, 2022, 28, 588-611.	9.5	8
14	Observational Study of the Surface Layer at an Oceanâ€“Land Transition Region. Journal of Aerospace Technology and Management, 2013, 5, 449-458.	0.3	8
15	Regional Hydroclimatic Variability Due To Contemporary Deforestation in Southern Amazonia and Associated Boundary Layer Characteristics. Journal of Geophysical Research D: Atmospheres, 2018, 123, 3993-4014.	3.3	7
16	Camada limite noturna sobre Ã¡rea de pastagem na AmazÃ´nia. Revista Brasileira De Meteorologia, 2011, 26, 619-628.	0.5	7
17	Atmospheric flow measurements using the PIV and HWA techniques. Journal of Aerospace Technology and Management, 2010, 2, 127-136.	0.3	6
18	Nocturnal Boundary Layer Erosion Analysis in the Amazon Using Large-Eddy Simulation during GoAmazon Project 2014/5. Atmosphere, 2021, 12, 240.	2.3	6

#	ARTICLE	IF	CITATIONS
19	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
20	Studies using wind tunnel to simulate the atmospheric boundary layer at the Alc�ntara Space Center. <i>Journal of Aerospace Technology and Management</i> , 2009, 1, 91-98.	0.3	6
21	Analysis of Moisture Transport from Amazonia to Southeastern Brazil During the Austral Summer. <i>Revista Brasileira De Geografia Fisica</i> , 2020, 13, 2650-2670.	0.1	6
22	Low-Level Atmospheric Flow at the Central North Coast of Brazil. <i>Boundary-Layer Meteorology</i> , 2021, 180, 289-317.	2.3	5
23	Comparisons between aerovane and sonic anemometer wind measurements at Alc�ntara Launch Center. <i>Journal of Aerospace Technology and Management</i> , 2010, 2, 105-110.	0.3	5
24	Intercompara��o entre quatro m�todos de estimativa da altura da camada limite convectiva durante o experimento RaCCI - LBA (2002) em Rond�nia - Amaz�nia. <i>Revista Brasileira De Meteorologia</i> , 2007, 22, 322-328.	0.5	4
25	Simulation of Rocket Exhaust Clouds at the Centro de Lan�samento de Alc�ntara Using the WRF-CMAQ Modeling System. <i>Journal of Aerospace Technology and Management</i> , 2014, 6, 119-128.	0.3	4
26	Variabilidade Temporal da Radia��o Solar Durante o Experimento GOAmazon 2014/15. <i>Revista Brasileira De Meteorologia</i> , 2018, 33, 353-365.	0.5	4
27	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
28	The Use of an Atmospheric Model to Simulate the Rocket Exhaust Effluents Transport and Dispersion for the Centro de Lan�samento de Alc�ntara. <i>Journal of Aerospace Technology and Management</i> , 2017, 9, 137-146.	0.3	4
29	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
30	Uso do Modelo WRF-CHEM para a Simula��o da Dispers�o de Gases no Centro de Lan�samento de Alc�ntara.. <i>Revista Brasileira De Meteorologia</i> , 2016, 31, 610-625.	0.5	3
31	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
32	An�lise espacial dos ventos no Centro de Lan�samento de Alc�ntara, Maranh�o. <i>Ci�ncia E Natura</i> , 0, 40, 57.	0.0	2
33	Wind Tunnel Investigation of the Wind Patterns in the Launching Pad Area of the Brazilian Alc�ntara Launch Center. <i>Journal of Aerospace Technology and Management</i> , 0, 11, .	0.3	1
34	Cisalhamento do Vento no Aeroporto Internacional de S�o Paulo: Aspectos Observacionais e de Modelagem. <i>Revista Brasileira De Meteorologia</i> , 2020, 35, 301-315.	0.5	0
35	Evaluation of surface fluxes using the WRF model � a case study to the Bananal wetlands� region. <i>Ci�ncia E Natura</i> , 0, 42, e17.	0.0	0
36	Estimativa da altura da camada limite planet�ria no Centro de Lan�samento de Alc�ntara. <i>Ci�ncia E Natura</i> , 0, 42, e23.	0.0	0

#	ARTICLE	IF	CITATIONS
37	Atmospheric Flow at Alcântara Launch Center. <i>Ciência E Natura</i> , 0, 42, e35.	0.0	0
38	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
39	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
40	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
41	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
42	Atmospheric Flow at Alcantara Launch Center. <i>Journal of Aerospace Technology and Management</i> , 0, 14, .	0.3	0