

# Brigitte Mueller

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

5,327  
citations

304743

22  
h-index

454955

30  
g-index

34  
all docs

34  
docs citations

34  
times ranked

7538  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent decline in the global land evapotranspiration trend due to limited moisture supply. <i>Nature</i> , 2010, 467, 951-954.	27.8	1,771
2	Global assessment of trends in wetting and drying over land. <i>Nature Geoscience</i> , 2014, 7, 716-721.	12.9	613
3	Hot days induced by precipitation deficits at the global scale. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 12398-12403.	7.1	487
4	No pause in the increase of hot temperature extremes. <i>Nature Climate Change</i> , 2014, 4, 161-163.	18.8	365
5	Evaluation of global observations-based evapotranspiration datasets and IPCC AR4 simulations. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	312
6	Benchmark products for land evapotranspiration: LandFlux-EVAL multi-data set synthesis. <i>Hydrology and Earth System Sciences</i> , 2013, 17, 3707-3720.	4.9	310
7	Global intercomparison of 12 land surface heat flux estimates. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	309
8	Systematic land climate and evapotranspiration biases in CMIP5 simulations. <i>Geophysical Research Letters</i> , 2014, 41, 128-134.	4.0	206
9	Three tissue resident macrophage subsets coexist across organs with conserved origins and life cycles. <i>Science Immunology</i> , 2022, 7, eabf7777.	11.9	167
10	Using remotely sensed soil moisture for land-atmosphere coupling diagnostics: The role of surface vs. root-zone soil moisture variability. <i>Remote Sensing of Environment</i> , 2014, 154, 246-252.	11.0	134
11	The role of upper-level dynamics and surface processes for the Pakistan flood of July 2010. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2013, 139, 1780-1797.	2.7	118
12	Surgical Enlargement of the Aortic Root Does Not Increase the Operative Risk of Aortic Valve Replacement. <i>Circulation</i> , 2018, 137, 1585-1594.	1.6	63
13	The dry season intensity as a key driver of NPP trends. <i>Geophysical Research Letters</i> , 2016, 43, 2632-2639.	4.0	60
14	Environmental epidemiology of Kawasaki disease: Linking disease etiology, pathogenesis and global distribution. <i>PLoS ONE</i> , 2018, 13, e0191087.	2.5	53
15	Sensitivity of inferred climate model skill to evaluation decisions: a case study using CMIP5 evapotranspiration. <i>Environmental Research Letters</i> , 2013, 8, 024028.	5.2	50
16	Lengthening of the growing season in wheat and maize producing regions. <i>Weather and Climate Extremes</i> , 2015, 9, 47-56.	4.1	50
17	New diagnostic estimates of variations in terrestrial water storage based on ERA-Interim data. <i>Hydrological Processes</i> , 2011, 25, 996-1008.	2.6	30
18	Wavelet correlations to reveal multiscale coupling in geophysical systems. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 7555-7572.	3.3	26

#	ARTICLE	IF	CITATIONS
19	Historically hottest summers projected to be the norm for more than half of the world's population within 20 years. <i>Environmental Research Letters</i> , 2016, 11, 044011.	5.2	26
20	Neural Networks for Prognostication of Patients With Heart Failure. <i>Circulation: Heart Failure</i> , 2018, 11, e005193.	3.9	25
21	The effect of pre-heart transplant body mass index on posttransplant outcomes: An analysis of the ISHLT Registry Data. <i>Clinical Transplantation</i> , 2019, 33, e13621.	1.6	25
22	Causes of drying trends in northern hemispheric land areas in reconstructed soil moisture data. <i>Climatic Change</i> , 2016, 134, 255-267.	3.6	24
23	Variability of soil moisture proxies and hot days across the climate regimes of Australia. <i>Geophysical Research Letters</i> , 2017, 44, 7265-7275.	4.0	16
24	Spatiotemporal clustering of cases of Kawasaki disease and associated coronary artery aneurysms in Canada. <i>Scientific Reports</i> , 2018, 8, 17682.	3.3	12
25	Improving Prenatal Diagnosis of Coarctation of the Aorta. <i>Canadian Journal of Cardiology</i> , 2019, 35, 453-461.	1.7	12
26	Noncardiac determinants of death and intensive care morbidity in adult congenital heart disease surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 2407-2415.e2.	0.8	12
27	Impact of organ prioritization for immunologic sensitization and waiting times for heart transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2019, 38, 285-294.	0.6	9
28	Global-Scale Estimation of Land Surface Heat Fluxes from Space. , 2013, , 249-282.		5
29	AN ENSEMBLE-BASED APPROACH TO THE DEVELOPMENT OF CLINICAL PREDICTION MODELS FOR FUTURE-ONSET HEART FAILURE AND CORONARY ARTERY DISEASE USING MACHINE LEARNING. <i>Journal of the American College of Cardiology</i> , 2020, 75, 2046.	2.8	5
30	Associations between the spatiotemporal distribution of Kawasaki disease and environmental factors: evidence supporting a multifactorial etiologic model. <i>Scientific Reports</i> , 2021, 11, 14617.	3.3	3
31	A New Prediction Model for Quantifying Mortality Risk in Congenital Heart Disease(CHD) Patients after Heart Transplant (HTx). <i>Journal of Heart and Lung Transplantation</i> , 2018, 37, S392.	0.6	0
32	Prenatal assessment of Tetralogy of Fallot: A multicenter prospective cohort study. <i>Progress in Pediatric Cardiology</i> , 2021, 60, 101279.	0.4	0