Georg Feulner

List of Publications by Year
in descending order

77 papers	4,621 citations	159358 30 h-index	106150 65 g-index
96 all docs	96 docs citations	96 times ranked	6125 citing authors

#	Article	IF	Citations
1	Reply to Comment on â€˜On the relationship between Atlantic meridional overturning circulation slowdown and global surface warmingâ€™. Environmental Research Letters, 2021, 16, 038002.	2.2	2
2	A Pronounced Spike in Ocean Productivity Triggered by the Chicxulub Impact. Geophysical Research Letters, 2021, 48, e2020GL092260.	1.5	12
3	Coupling framework (1.0) for the PISM (1.1.4) ice sheet model and the MOM5 (5.1.0) ocean model via the PICO ice shelf cavity model in an Antarctic domain. Geoscientific Model Development, 2021, 14, 3697-3714.	1.3	10
4	Investigating Mesozoic Climate Trends and Sensitivities With a Large Ensemble of Climate Model Simulations. Paleoceanography and Paleoclimatology, 2021, 36, e2020PA004134.	1.3	21
5	CM2Mc-LPJmL v1.0: biophysical coupling of a process-based dynamic vegetation model with managed land to a general circulation model. Geoscientific Model Development, 2021, 14, 4117-4141.	1.3	13
6	Climatic fluctuations modeled for carbon and sulfur emissions from end-Triassic volcanism. Earth and Planetary Science Letters, 2020, 537, 116174.	1.8	31
7	On the relationship between Atlantic meridional overturning circulation slowdown and global surface warming. Environmental Research Letters, 2020, 15, 024003.	2.2	22
8	On the Sensitivity of the Devonian Climate to Continental Configuration, Vegetation Cover, Orbital Configuration, CO ₂ Concentration, and Insolation. Paleoceanography and Paleoclimatology, 2019, 34, 1375-1398.	1.3	21
9	Observed fingerprint of a weakening Atlantic Ocean overturning circulation. Nature, 2018, 556, 191-196.	13.7	612
10	Baby, it's cold outside: Climate model simulations of the effects of the asteroid impact at the end of the Cretaceous. Geophysical Research Letters, 2017, 44, 419-427.	1.5	98
11	Formation of most of our coal brought Earth close to global glaciation. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 11333-11337.	3.3	45
12	A regime shift in the Sun-Climate connection with the end of the Medieval Climate Anomaly. Scientific Reports, 2017, 7, 11131.	1.6	6
13	Global Challenges: Climate Change. Global Challenges, 2017, 1, 5-6.	1.8	37
14	Global Challenges - an innovative journal for tackling humanity's major challenges. Global Challenges, 2017, 1, 3-4.	1.8	2
15	Science under Societal Scrutiny: Reproducibility in Climate Science. , 2016, , 269-285.		1
16	Socio-economic data for global environmental change research. Nature Climate Change, 2015, 5, 503-506.	8.1	20
17	Exceptional twentieth-century slowdown in Atlantic Ocean overturning circulation. Nature Climate Change, 2015, 5, 475-480.	8.1	686
18	Snowball cooling after algal rise. Nature Geoscience, 2015, 8, 659-662.	5.4	40

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19	Asymmetry and uncertainties in biogeophysical climateâ€“vegetation feedback over a range of CO₂ forcings. Biogeosciences, 2014, 11, 17-32.	1.3	10
20	Time-scale and state dependence of the carbon-cycle feedback to climate. Climate Dynamics, 2014, 42, 1699-1713.	1.7	18
21	Climate simulations of Neoproterozoic snowball Earth events: Similar critical carbon dioxide levels for the Sturtian and Marinoan glaciations. Earth and Planetary Science Letters, 2014, 404, 200-205.	1.8	19
22	Quantifying the global carbon cycle response to volcanic stratospheric aerosol radiative forcing using Earth System Models. Journal of Geophysical Research D: Atmospheres, 2014, 119, 101-111.	1.2	8
23	Long-Term Climate Change Commitment and Reversibility: An EMIC Intercomparison. Journal of Climate, 2013, 26, 5782-5809.	1.2	208
24	How do global temperature drivers influence each other?. European Physical Journal: Special Topics, 2013, 222, 861-873.	1.2	33
25	On the Relation Between Solar Activity and Clear-Sky Terrestrial Irradiance. Solar Physics, 2013, 282, 615-627.	1.0	1
26	Understanding the influence of solar irradiance changes on Earthâ€™s climate during the Holocene. , 2013, , .		0
27	On the Origin of the Surface Air Temperature Difference between the Hemispheres in Earth's Present-Day Climate. Journal of Climate, 2013, 26, 7136-7150.	1.2	101
28	Albedo and heat transport in 3-D model simulations of the early Archean climate. Climate of the Past, 2013, 9, 1841-1862.	1.3	6
29	Evaluation of biospheric components in Earth system models using modern and palaeo-observations: the state-of-the-art. Biogeosciences, 2013, 10, 8305-8328.	1.3	11
30	Historical and idealized climate model experiments: an intercomparison of Earth system models of intermediate complexity. Climate of the Past, 2013, 9, 1111-1140.	1.3	157
31	A volcanically triggered regime shift in the subpolar North Atlantic Ocean as a possible origin of the Little Ice Age. Climate of the Past, 2013, 9, 1321-1330.	1.3	45
32	On the effect of orbital forcing on mid-Pliocene climate, vegetation and ice sheets. Climate of the Past, 2013, 9, 1749-1759.	1.3	15
33	The faint young Sun problem. Reviews of Geophysics, 2012, 50, .	9.0	263
34	Faint young Sun problem more severe due to iceâ€albedo feedback and higher rotation rate of the early Earth. Geophysical Research Letters, 2012, 39, .	1.5	28
35	Are the most recent estimates for Maunder Minimum solar irradiance in agreement with temperature reconstructions?. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	54
36	The Smithsonian solar constant data revisited: no evidence for a strong effect of solar activity in ground-based insolation data. Atmospheric Chemistry and Physics, 2011, 11, 3291-3301.	1.9	8

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37	Comment on â€œStrong signature of the active Sun in 100 years of terrestrial insolation dataâ€•by W. Weber. Annalen Der Physik, 2011, 523, 946-950.	0.9	3
38	Limits to biodiversity cycles from a unified model of mass-extinction events. International Journal of Astrobiology, 2011, 10, 123-129.	0.9	21
39	On the effect of a new grand minimum of solar activity on the future climate on Earth. Geophysical Research Letters, 2010, 37, .	1.5	71
40	Climate modelling of mass-extinction events: a review. International Journal of Astrobiology, 2009, 8, 207-212.	0.9	12
41	The impact of <i>Spitzer</i> infrared data on stellar mass estimates â€“ and a revised galaxy stellar mass function at 0 < <i>z</i> < 5. Astronomy and Astrophysics, 2008, 477, 503-512.	2.1	55
42	Integrated specific star formation rates of galaxies, groups, and clusters: a continuous upper limit with stellar mass?. Astronomy and Astrophysics, 2008, 489, L15-L15.	2.1	0
43	The Kormendy relation of massive elliptical galaxies at zÂ 1.5: evidence for size evolution. Monthly Notices of the Royal Astronomical Society, 2007, 374, 614-626.	1.6	132
44	The Munich Near-Infrared Cluster Survey - IX. Galaxy evolution to z Â 2 from optically selected catalogues. Monthly Notices of the Royal Astronomical Society, 2007, 378, 429-448.	1.6	10
45	Tracing the Massâ€“Assembly History of Galaxies with Deep Surveys. , 2007, , 310-313.		0
46	Integrated specific star formation rates of galaxies, groups, and clusters: a continuous upper limit with stellar mass?. Astronomy and Astrophysics, 2006, 451, L13-L16.	2.1	12
47	The TESIS Project: Revealing Massive Early-Type Galaxies at zÂ>Â1. Globular Clusters - Guides To Galaxies, 2006, , 457-458.	0.1	0
48	The Evolution of the Mass Function Split by Morphology up to Redshift 1 in the FORS Deep and the GOODS-S Fields. Astrophysical Journal, 2006, 639, L1-L4.	1.6	55
49	Extremely compact massive galaxies at z Â 1.4. Monthly Notices of the Royal Astronomical Society: Letters, 2006, 373, L36-L40.	1.2	214
50	The evolution of the luminosity functions in the FORS deep field from low to high redshift. Astronomy and Astrophysics, 2006, 448, 101-121.	2.1	54
51	The Stellar Mass Function of Galaxies to z â€‰~â€‰5 in the FORS Deep and GOODS-South Fields. Astrophysical Journal, 2005, 619, L131-L134.	1.6	201
52	Specific Star Formation Rates to Redshift 1.5. Astrophysical Journal, 2005, 621, L89-L92.	1.6	110
53	Specific Star Formation Rates to Redshift 5 from the FORS Deep Field and the GOODS-S Field. Astrophysical Journal, 2005, 633, L9-L12.	1.6	131
54	Dating the stellar population in massive early-type galaxies atzâˆ¼ 1.5. Monthly Notices of the Royal Astronomical Society, 2005, 361, 897-906.	1.6	28

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55	The connection between star formation and stellar mass: specific star formation rates to redshift one. Monthly Notices of the Royal Astronomical Society: Letters, 2005, 358, L1-L5.	1.2	24
56	The density of very massive evolved galaxies to z Â= 1.7. Monthly Notices of the Royal Astronomical Society: Letters, 2005, 357, L40-L44.	1.2	74
57	Looking for obscured QSOs in the X-ray emitting ERO population. Astronomy and Astrophysics, 2005, 431, 87-95.	2.1	28
58	On the constraining observations of the dark GRB 001109 and the properties of az= 0.398 radio selected starburst galaxy contained in its error box. Astronomy and Astrophysics, 2004, 424, 833-839.	2.1	7
59	The Star Formation Rate History in the FORS Deep and GOODS-South Fields. Astrophysical Journal, 2004, 616, L83-L86.	1.6	39
60	The evolution of the luminosity functions in the FORS Deep Field from low to high redshift. Astronomy and Astrophysics, 2004, 421, 41-58.	2.1	137
61	The Munich Nearâ€Infrared Cluster Survey (MUNICS). VI. The Stellar Masses ofKâ€Bandâ€"selected Field Galaxies tozâ€‰âˆ¼â€‰1.2. Astrophysical Journal, 2004, 608, 742-751.	1.6	179
62	Large-scale structure in the NIR-selected MUNICS survey. Astrophysics and Space Science, 2003, 284, 393-396.	0.5	0
63	The Munich Near-Infrared Cluster Survey -- V. The evolution of the rest-frame K- and J-band galaxy luminosity functions to z Â 0.7. Monthly Notices of the Royal Astronomical Society, 2003, 342, 605-622.	1.6	39
64	The Munich Nearâ€Infrared Cluster Survey. II. TheKâ€Band Luminosity Function of Field Galaxies tozâˆ¼ 1.2. Astrophysical Journal, 2003, 595, 698-711.	1.6	59
65	The Search for the Afterglow of the Dark GRB 001109. AIP Conference Proceedings, 2003, , .	0.3	0
66	Massive $zsim1.3$ evolved galaxies revealed. Astronomy and Astrophysics, 2003, 398, 127-132.	2.1	28
67	Large-Scale Structure in the NIR-Selected Munics Survey. , 2003, , 99-102.		0
68	The Munich Near-Infrared Cluster Survey - IV. Biases in the completeness of near-infrared imaging data. Monthly Notices of the Royal Astronomical Society, 2002, 336, 1329-1341.	1.6	13
69	The Munich Near-Infrared Cluster Survey: Number Density Evolution of Massive Field Galaxies to [CLC][ITAL]z[/ITAL][/CLC]â€‰âˆ¼â€‰1.2 as Derived from the [ITAL]K[/ITAL]-Bandâ€"selected Survey. Astrophysical Journal, 2002, 562, L111-L114.	1.6	35
70	The extraordinarily bright optical afterglow of GRB 991208 and its host galaxy. Astronomy and Astrophysics, 2001, 370, 398-406.	2.1	81
71	The Munich Near-Infrared Cluster Survey - I. Field selection, object extraction and photometry. Monthly Notices of the Royal Astronomical Society, 2001, 325, 550-562.	1.6	72
72	Field Galaxy Evolution with the MUNICS Survey. Astrophysics and Space Science, 2001, 277, 579-579.	0.5	0

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73	The Mass Function of Field Galaxies at 0.4 < z < 1.2 as Derived from the MUNICS K-Selected Sample. , 0, , 140-145.		3
74	The MUNICS Project: Galaxy Assembly at 0 < z < 1. , 0, , 251-256.		0
75	The TESIS Project: Are Type 2 QSO Hidden in X-Ray Emitting EROs?. Globular Clusters - Guides To Galaxies, 0, , 459-460.	0.1	0
76	Report on ICDP Deep Dust workshops: probing continental climate of the late Paleozoic icehouseâ€“greenhouse transition and beyond. Scientific Drilling, 0, 28, 93-112.	1.0	4
77	Field Galaxy Evolution from the Munich Near-Infrared Cluster Survey (MUNICS). , 0, , 211-213.		0