

Desalegn Y Ayal

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

755
citations

623188

14
h-index

580395

25
g-index

34
all docs

34
docs citations

34
times ranked

672
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing the impacts of climate change in cities and their adaptive capacity: Towards transformative approaches to climate change adaptation and poverty reduction in urban areas in a set of developing countries. <i>Science of the Total Environment</i> , 2019, 692, 1175-1190.	3.9	137
2	Farmers' perceptions of climate variability and its adverse impacts on crop and livestock production in Ethiopia. <i>Journal of Arid Environments</i> , 2017, 140, 20-28.	1.2	82
3	Relationship between vegetation change and extreme climate indices on the Inner Mongolia Plateau, China, from 1982 to 2013. <i>Ecological Indicators</i> , 2018, 89, 101-109.	2.6	72
4	Assessing vegetation response to multi-time-scale drought across inner Mongolia plateau. <i>Journal of Cleaner Production</i> , 2018, 179, 210-216.	4.6	71
5	Strengthening climate change adaptation capacity in Africa- case studies from six major African cities and policy implications. <i>Environmental Science and Policy</i> , 2018, 86, 29-37.	2.4	66
6	Climate variability, perceptions of pastoralists and their adaptation strategies. <i>International Journal of Climate Change Strategies and Management</i> , 2018, 10, 596-615.	1.5	39
7	The influence of ecosystems services depletion to climate change adaptation efforts in Africa. <i>Science of the Total Environment</i> , 2021, 779, 146414.	3.9	36
8	Opportunities and challenges of indigenous biotic weather forecasting among the Borena herders of southern Ethiopia. <i>SpringerPlus</i> , 2015, 4, 617.	1.2	34
9	A Comparative Analysis of Climate-Risk and Extreme Event-Related Impacts on Well-Being and Health: Policy Implications. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 331.	1.2	22
10	Introducing experiences from African pastoralist communities to cope with climate change risks, hazards and extremes: Fostering poverty reduction. <i>International Journal of Disaster Risk Reduction</i> , 2020, 50, 101738.	1.8	21
11	Determinants of climate variability adaptation strategies: A case of Itang Special District, Gambella Region, Ethiopia. <i>Climate Services</i> , 2021, 23, 100245.	1.0	19
12	Factors influencing farmers adoption of climate smart agriculture to respond climate variability in Siyadebrina Wayu District, Central highland of Ethiopia. <i>Climate Services</i> , 2022, 26, 100290.	1.0	19
13	Psychological dimensions of climate change: perceptions, collective efficacy, and responses in Berehet District, north Shoa, Ethiopia. <i>Climatic Change</i> , 2021, 165, 1.	1.7	18
14	Viewpoint: climate change, health and pandemics – a wake-up call from COVID-19. <i>International Journal of Climate Change Strategies and Management</i> , 2020, 12, 533-535.	1.5	16
15	Comparative Analysis of Meteorological Records of Climate Variability and Farmers' Perceptions in Sekota Woreda, Ethiopia. <i>Climate Services</i> , 2021, 23, 100239.	1.0	14
16	Impact of climate variability on household food security in Godere District, Gambella Region, Ethiopia. <i>Climate Services</i> , 2022, 27, 100307.	1.0	14
17	Climate change and variability adaptation strategies and their implications for household food Security: The case of Basona Worena District, North Shewa zone, Ethiopia. <i>Climate Services</i> , 2021, 24, 100269.	1.0	13
18	Spatio-temporal hydro-climate variability in Omo-Gibe river Basin, Ethiopia. <i>Climate Services</i> , 2021, 24, 100277.	1.0	13

#	ARTICLE	IF	CITATIONS
19	Climate Change Adaptation on Small Island States: An Assessment of Limits and Constraints. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 602.	1.2	10
20	The impacts of the early outset of the COVID-19 pandemic on climate change research: Implications for policy-making. <i>Environmental Science and Policy</i> , 2021, 124, 267-278.	2.4	10
21	Analysis of El Niño Southern Oscillation and its impact on rainfall distribution and productivity of selected cereal crops in Kembata Alaba Tembaro zone. <i>Climate Services</i> , 2021, 23, 100254.	1.0	9
22	Drought Analysis Using Standardized Evapotranspiration and Aridity Index at Bilate Watershed: Sub-Basins of Ethiopian Rift Valley. <i>Scientific World Journal</i> , The, 2022, 2022, 1-14.	0.8	8
23	Scenario-based hazard analysis of extreme high-temperatures experienced between 1959 and 2014 in Hulunbuir, China. <i>International Journal of Climate Change Strategies and Management</i> , 2019, 11, 2-17.	1.5	4
24	Climate variability, the proliferation and expansion of major livestock diseases in East Gojjam, Northwestern Ethiopia. <i>International Journal of Global Warming</i> , 2017, 12, 513.	0.2	3
25	Impact of cement factory emission on air quality and human health around Mugher and the surrounding villages, Central Ethiopia. <i>Air Quality, Atmosphere and Health</i> , 2022, 15, 347-361.	1.5	2
26	Revisiting Indigenous Biotic and Abiotic Weather Forecasting for Possible Integration with Scientific Weather Prediction: A Case from the Borana People of South Ethiopia. , 2017, , .		1
27	Climate Change Vulnerability Among Pastoralists and Farmers in Ethiopia. , 2018, , 1-24.		0
28	Governance Dimensions of Climate Change Adaptation: The Case of Didahara, Borana, Southern Ethiopia. , 2019, , 1-16.		0
29	Climate Variability on Fishing Activities in Inland Waters: Case of Owena River in Ondo and Osun States, Nigeria. , 2021, , 1-18.		0
30	Climate variability, the proliferation and expansion of major livestock diseases in East Gojjam, Northwestern Ethiopia. <i>International Journal of Global Warming</i> , 2017, 12, 513.	0.2	0
31	Natural Hazards: Impacts on Building Resilient Infrastructure and Sustainable Industrialization. <i>Encyclopedia of the UN Sustainable Development Goals</i> , 2020, , 1-9.	0.0	0
32	Multiple criteria application in determining wind power potential: A case study of Adama Zuria woreda, Ethiopia. <i>Scientific African</i> , 2021, 14, e01045.	0.7	0