

Baozhang Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1903319/publications.pdf>

Version: 2024-02-01

45
papers

1,221
citations

430874

18
h-index

377865

34
g-index

45
all docs

45
docs citations

45
times ranked

1529
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatiotemporal Variation in Gross Primary Productivity and Their Responses to Climate in the Great Lakes Region of Sub-Saharan Africa during 2001–2020. <i>Sustainability</i> , 2022, 14, 2610.	3.2	3
2	Large influence of atmospheric vapor pressure deficit on ecosystem production efficiency. <i>Nature Communications</i> , 2022, 13, 1653.	12.8	31
3	Ambient temperatures associated with increased risk of motor vehicle crashes in New York and Chicago. <i>Science of the Total Environment</i> , 2022, 830, 154731.	8.0	7
4	Development of a GIS based hazard, exposure, and vulnerability analyzing method for monitoring drought risk at Karachi, Pakistan. <i>Geomatics, Natural Hazards and Risk</i> , 2022, 13, 1700-1720.	4.3	10
5	Spatiotemporal shifts in thermal climate in responses to urban cover changes: a-case analysis of major cities in Punjab, Pakistan. <i>Geomatics, Natural Hazards and Risk</i> , 2021, 12, 763-793.	4.3	25
6	Assessment of Vegetation Dynamics and Ecosystem Resilience in the Context of Climate Change and Drought in the Horn of Africa. <i>Remote Sensing</i> , 2021, 13, 1668.	4.0	13
7	Response of Gross Primary Productivity to Drought Time Scales Across China. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2020JG005953.	3.0	21
8	Towards Understanding Variability in Droughts in Response to Extreme Climate Conditions over the Different Agro-Ecological Zones of Pakistan. <i>Sustainability</i> , 2021, 13, 6910.	3.2	10
9	Optimal Solar Zenith Angle Definition for Combined Landsat-8 and Sentinel-2A/2B Data Angular Normalization Using Machine Learning Methods. <i>Remote Sensing</i> , 2021, 13, 2598.	4.0	2
10	Prediction and Source Contribution Analysis of PM2.5 Using a Combined FLEXPART Model and Bayesian Method over the Beijing-Tianjin-Hebei Region in China. <i>Atmosphere</i> , 2021, 12, 860.	2.3	3
11	An atmospheric perspective on the carbon budgets of terrestrial ecosystems in China: progress and challenges. <i>Science Bulletin</i> , 2021, 66, 1713-1718.	9.0	19
12	Spatiotemporal variations of forest ecohydrological characteristics in the Lancang-Mekong region during 1992-2016 and 2020-2099 under different climate scenarios. <i>Agricultural and Forest Meteorology</i> , 2021, 310, 108662.	4.8	9
13	Spatially explicit and multiscale ecosystem shift probabilities and risk severity assessments in the greater Mekong subregion over three decades. <i>Science of the Total Environment</i> , 2021, 798, 149281.	8.0	7
14	Evaluation the WRF Model with Different Land Surface Schemes: Heat Wave Event Simulations and Its Relation to Pacific Variability over Coastal Region, Karachi, Pakistan. <i>Sustainability</i> , 2021, 13, 12608.	3.2	2
15	Solar-induced chlorophyll fluorescence as an indicator for determining the end date of the vegetation growing season. <i>Ecological Indicators</i> , 2020, 109, 105755.	6.3	14
16	A new approach combining a simplified FLEXPART model and a Bayesian-RAT method for forecasting PM10 and PM2.5. <i>Environmental Science and Pollution Research</i> , 2020, 27, 2165-2183.	5.3	13
17	Global Revisit Interval Analysis of Landsat-8 -9 and Sentinel-2A -2B Data for Terrestrial Monitoring. <i>Sensors</i> , 2020, 20, 6631.	3.8	35
18	Patterns for Populus spp. Stand Biomass in Gradients of Winter Temperature and Precipitation of Eurasia. <i>Forests</i> , 2020, 11, 906.	2.1	5

#	ARTICLE	IF	CITATIONS
19	Land Use/Land Cover Changes and Associated Impacts on Water Yield Availability and Variations in the Merabâ€Cash River Basin in the Horn of Africa. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2020, 125, e2020JG005632.	3.0	15
20	Water Use Efficiencyâ€Based Multiscale Assessment of Ecohydrological Resilience to Ecosystem Shifts Over the Continent of Africa During 1992â€2015. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2020, 125, e2020JG005749.	3.0	10
21	Characteristics of ÎD and Î18O of Reclaimed Mine Soil Water Profile and Its Source Water Bodies in a Coal Mining Subsidence Area with High Groundwater Levelâ€A Case Study from the Longdong Coal Mining Subsidence Area in Jiangsu Province, China. <i>Water (Switzerland)</i> , 2020, 12, 274.	2.7	1
22	Multimodelâ€based analyses of evapotranspiration and its controls in China over the last three decades. <i>Ecohydrology</i> , 2020, 13, e2195.	2.4	16
23	Spatially Explicit Modeling of Coupled Water and Carbon Processes Using a Distributed Ecohydrological Model in the Upper Heihe Watershed, China. <i>Water (Switzerland)</i> , 2019, 11, 1242.	2.7	0
24	A regional data assimilation system for estimating CO surface flux from atmospheric mixing ratio observationsâ€a case study of Xuzhou, China. <i>Environmental Science and Pollution Research</i> , 2019, 26, 8748-8757.	5.3	2
25	Spatio-Temporal Analysis of Vegetation Dynamics as a Response to Climate Variability and Drought Patterns in the Semiarid Region, Eritrea. <i>Remote Sensing</i> , 2019, 11, 724.	4.0	61
26	Improving PM2.5 Forecasting and Emission Estimation Based on the Bayesian Optimization Method and the Coupled FLEXPART-WRF Model. <i>Atmosphere</i> , 2018, 9, 428.	2.3	16
27	Spatio-temporal variations in water use efficiency and its drivers in China over the last three decades. <i>Ecological Indicators</i> , 2018, 94, 292-304.	6.3	82
28	Modeling Evapotranspiration over Chinaâ€™s Landmass from 1979 to 2012 Using Multiple Land Surface Models: Evaluations and Analyses. <i>Journal of Hydrometeorology</i> , 2017, 18, 1185-1203.	1.9	31
29	Assessing the Spatiotemporal Variation and Impact Factors of Net Primary Productivity in China. <i>Scientific Reports</i> , 2017, 7, 44415.	3.3	34
30	Soil Moisture Retrieval over a Semiarid Area by Means of PCA Dimensionality Reduction. <i>Canadian Journal of Remote Sensing</i> , 2016, 42, 136-144.	2.4	5
31	Satellite-observed changes in terrestrial vegetation growth trends across the Asia-Pacific region associated with land cover and climate from 1982 to 2011. <i>International Journal of Digital Earth</i> , 2016, 9, 1055-1076.	3.9	12
32	Comparison of remotely-sensed and modeled soil moisture using CLM4.0 with in situ measurements in the central Tibetan Plateau area. <i>Cold Regions Science and Technology</i> , 2016, 129, 31-44.	3.5	8
33	Improving soil organic carbon parameterization of land surface model for cold regions in the Northeastern Tibetan Plateau, China. <i>Ecological Modelling</i> , 2016, 330, 1-15.	2.5	25
34	Comparing simulated atmospheric carbon dioxide concentration with GOSAT retrievals. <i>Science Bulletin</i> , 2015, 60, 380-386.	9.0	8
35	Changes in Vegetation Growth Dynamics and Relations with Climate over Chinaâ€™s Landmass from 1982 to 2011. <i>Remote Sensing</i> , 2014, 6, 3263-3283.	4.0	133
36	A Bayesian Based Method to Generate a Synergetic Land-Cover Map from Existing Land-Cover Products. <i>Remote Sensing</i> , 2014, 6, 5589-5613.	4.0	18

#	ARTICLE	IF	CITATIONS
37	A New Equation for Deriving Vegetation Phenophase from Time Series of Leaf Area Index (LAI) Data. <i>Remote Sensing</i> , 2014, 6, 5650-5670.	4.0	19
38	Spatial and temporal variations in the end date of the vegetation growing season throughout the Qinghai-Tibetan Plateau from 1982 to 2011. <i>Agricultural and Forest Meteorology</i> , 2014, 189-190, 81-90.	4.8	140
39	Changes in vegetation photosynthetic activity trends across the Asia-Pacific region over the last three decades. <i>Remote Sensing of Environment</i> , 2014, 144, 28-41.	11.0	140
40	Research on Land Surface Thermal-Hydrologic Exchange in Southern China under Future Climate and Land Cover Scenarios. <i>Advances in Meteorology</i> , 2013, 2013, 1-12.	1.6	4
41	Comparison of terrestrial evapotranspiration estimates using the mass transfer and Penman-Monteith equations in land surface models. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2013, 118, 1715-1731.	3.0	35
42	Modeling to discern nitrogen fertilization impacts on carbon sequestration in a Pacific Northwest Douglas-fir forest in the first-postfertilization year. <i>Global Change Biology</i> , 2011, 17, 1442-1460.	9.5	19
43	Seasonal controls on interannual variability in carbon dioxide exchange of a near-end-of rotation Douglas-fir stand in the Pacific Northwest, 1997-2006. <i>Global Change Biology</i> , 2009, 15, 1962-1981.	9.5	39
44	Interannual variability of the carbon balance of three different-aged Douglas-fir stands in the Pacific Northwest. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	52
45	Remote sensing-based ecosystem-atmosphere simulation scheme (EASS)-Model formulation and test with multiple-year data. <i>Ecological Modelling</i> , 2007, 209, 277-300.	2.5	67