Zhenhua Zou

List of Publications by Year
in descending order

222	16,897	13827 67	18075 120
papers	citations	h-index	g-index

224	224	224	12708
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Spatial-temporal variation of satellite-based gross primary production estimation in wheat-maize rotation area during 2000â€“2015. Geocarto International, 2022, 37, 2506-2523.	1.7	3
2	Large spatial variation and stagnation of cropland gross primary production increases the challenges of sustainable grain production and food security in China. Science of the Total Environment, 2022, 811, 151408.	3.9	17
3	Quantifying latitudinal variation in land surface phenology of Spartina alterniflora saltmarshes across coastal wetlands in China by Landsat 7/8 and Sentinel-2 images. Remote Sensing of Environment, 2022, 269, 112810.	4.6	30
4	Meteorological Influences on Spatiotemporal Variation of PM2.5 Concentrations in Atmospheric Pollution Transmission Channel Cities of the Beijingâ€“Tianjinâ€“Hebei Region, China. International Journal of Environmental Research and Public Health, 2022, 19, 1607.	1.2	10
5	A large but transient carbon sink from urbanization and rural depopulation in China. Nature Sustainability, 2022, 5, 321-328.	11.5	130
6	Evolution of light use efficiency models: Improvement, uncertainties, and implications. Agricultural and Forest Meteorology, 2022, 317, 108905.	1.9	62
7	Rapid surface water expansion due to increasing artificial reservoirs and aquaculture ponds in North China Plain. Journal of Hydrology, 2022, 608, 127637.	2.3	21
8	Annual 30-m big Lake Maps of the Tibetan Plateau in 1991â€“2018. Scientific Data, 2022, 9, 164.	2.4	14
9	Temporal Dynamics of Bacterial Communities along a Gradient of Disturbance in a U.S. Southern Plains Agroecosystem. MBio, 2022, 13, e0382921.	1.8	4
10	Large loss and rapid recovery of vegetation cover and aboveground biomass over forest areas in Australia during 2019â€“2020. Remote Sensing of Environment, 2022, 278, 113087.	4.6	26
11	Satellite-Based Surface Water Storage Estimation: Its history, current status, and future prospects. IEEE Geoscience and Remote Sensing Magazine, 2022, 10, 10-31.	4.9	3
12	Contributions of seaâ€“land breeze and local climate zones to daytime and nighttime heat island intensity. Npj Urban Sustainability, 2022, 2, .	3.7	34
13	Urban ventilation corridors and spatiotemporal divergence patterns of urban heat island intensity: a local climate zone perspective. Environmental Science and Pollution Research, 2022, 29, 74394-74406.	2.7	24
14	Assimilating remote sensing-based VPM GPP into the WOFOST model for improving regional winter wheat yield estimation. European Journal of Agronomy, 2022, 139, 126556.	1.9	17
15	Dormant Season Vegetation Phenology and Eddy Fluxes in Native Tallgrass Prairies of the U.S. Southern Plains. Remote Sensing, 2022, 14, 2620.	1.8	3
16	Small anomalies in dry-season greenness and chlorophyll fluorescence for Amazon moist tropical forests during El NiÃ±o and La NiÃ±a. Remote Sensing of Environment, 2021, 253, 112196.	4.6	21
17	Spatial-temporal dynamics of maize and soybean planted area, harvested area, gross primary production, and grain production in the Contiguous United States during 2008-2018. Agricultural and Forest Meteorology, 2021, 297, 108240.	1.9	12
18	Assessing variability of optimum air temperature for photosynthesis across site-years, sites and biomes and their effects on photosynthesis estimation. Agricultural and Forest Meteorology, 2021, 298-299, 108277.	1.9	8

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19	Forest Changes by Precipitation Zones in Northern China after the Three-North Shelterbelt Forest Program in China. Remote Sensing, 2021, 13, 543.	1.8	17
20	Reply to: â€œCorrelation between paddy rice growth and satellite-observed methane column abundance does not imply causationâ€. Nature Communications, 2021, 12, 1189.	5.8	1
21	The 10-m crop type maps in Northeast China during 2017â€“2019. Scientific Data, 2021, 8, 41.	2.4	141
22	From Standard Weather Stations to Virtual Micro-Meteorological Towers in Ungauged Sites: Modeling Tool for Surface Energy Fluxes, Evapotranspiration, Soil Temperature, and Soil Moisture Estimations. Remote Sensing, 2021, 13, 1271.	1.8	2
23	Spatiotemporal Changes of Winter Wheat Planted and Harvested Areas, Photosynthesis and Grain Production in the Contiguous United States from 2008â€“2018. Remote Sensing, 2021, 13, 1735.	1.8	6
24	Carbon loss from forest degradation exceeds that from deforestation in the Brazilian Amazon. Nature Climate Change, 2021, 11, 442-448.	8.1	166
25	Characterizing Wetland Inundation and Vegetation Dynamics in the Arctic Coastal Plain Using Recent Satellite Data and Field Photos. Remote Sensing, 2021, 13, 1492.	1.8	6
26	Globalâ€Scale Consistency of Spaceborne Vegetation Indices, Chlorophyll Fluorescence, and Photosynthesis. Journal of Geophysical Research G: Biogeosciences, 2021, 126, e2020JG006136.	1.3	21
27	Temporal Changes of Virus-Like Particle Abundance and Metagenomic Comparison of Viral Communities in Cropland and Prairie Soils. MSphere, 2021, 6, e0116020.	1.3	12
28	Mapping Panax Notoginseng Plantations by Using an Integrated Pixel- and Object-Based (IPOB) Approach and ZY-3 Imagery. Remote Sensing, 2021, 13, 2184.	1.8	2
29	Annual Maps of Forests in Australia from Analyses of Microwave and Optical Images with FAO Forest Definition. Journal of Remote Sensing, 2021, 2021, .	3.2	3
30	Impacts of juniper woody plant encroachment into grasslands on local climate. Agricultural and Forest Meteorology, 2021, 307, 108508.	1.9	21
31	Spatially explicit changes in forest biomass carbon of China over the past 4 decades: Coupling long-term inventory and remote sensing data. Journal of Cleaner Production, 2021, 316, 128274.	4.6	9
32	Contribution of urban ventilation to the thermal environment and urban energy demand: Different climate background perspectives. Science of the Total Environment, 2021, 795, 148791.	3.9	105
33	Spatial extrapolation of topographic models for mapping soil organic carbon using local samples. Geoderma, 2021, 404, 115290.	2.3	8
34	Estimation of the relative contributions of forest areal expansion and growth to China's forest stand biomass carbon sequestration from 1977 to 2018. Journal of Environmental Management, 2021, 300, 113757.	3.8	16
35	Mapping forest in the southern Great Plains with ALOS-2 PALSAR-2 and Landsat 7/8 data. International Journal of Applied Earth Observation and Geoinformation, 2021, 104, 102578.	1.4	3
36	Rebound in Chinaâ€™s coastal wetlands following conservation and restoration. Nature Sustainability, 2021, 4, 1076-1083.	11.5	103

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37	Improving a Biogeochemical Model to Simulate Microbialâ€mediated Carbon Dynamics in Agricultural ecosystems. Journal of Advances in Modeling Earth Systems, 2021, 13, e2021MS002752.	1.3	1
38	Global distribution, trends, and drivers of flash drought occurrence. Nature Communications, 2021, 12, 6330.	5.8	130
39	Climate Change and Livestock Management Drove Extensive Vegetation Recovery in the Qinghai-Tibet Plateau. Remote Sensing, 2021, 13, 4808.	1.8	3
40	Patterns of soil nitrogen mineralization under a landâ€use change from desert to farmland. European Journal of Soil Science, 2020, 71, 60-68.	1.8	10
41	Tracking annual changes of coastal tidal flats in China during 1986â€“2016 through analyses of Landsat images with Google Earth Engine. Remote Sensing of Environment, 2020, 238, 110987.	4.6	146
42	Tracking the phenology and expansion of Spartina alterniflora coastal wetland by time series MODIS and Landsat images. Multimedia Tools and Applications, 2020, 79, 5175-5195.	2.6	11
43	Enhanced spring phenological temperature sensitivity explains the extension of carbon uptake period in temperate forest protected areas. Forest Ecology and Management, 2020, 455, 117679.	1.4	9
44	Assessing the impact of climate changes on the potential yields of maize and paddy rice in Northeast China by 2050. Theoretical and Applied Climatology, 2020, 140, 167-182.	1.3	13
45	Performance of four state-of-the-art GPP products (VPM, MOD17, BESS and PML) for grasslands in drought years. Ecological Informatics, 2020, 56, 101052.	2.3	42
46	Forest management in southern China generates short term extensive carbon sequestration. Nature Communications, 2020, 11, 129.	5.8	259
47	Large increases of paddy rice area, gross primary production, and grain production in Northeast China during 2000â€“2017. Science of the Total Environment, 2020, 711, 135183.	3.9	104
48	Understanding the Land Surface Phenology and Gross Primary Production of Sugarcane Plantations by Eddy Flux Measurements, MODIS Images, and Data-Driven Models. Remote Sensing, 2020, 12, 2186.	1.8	13
49	Spatiotemporal patterns of vegetation phenology along the urbanâ€“rural gradient in Coastal Dalian, China. Urban Forestry and Urban Greening, 2020, 54, 126784.	2.3	46
50	High-Precision Stand Age Data Facilitate the Estimation of Rubber Plantation Biomass: A Case Study of Hainan Island, China. Remote Sensing, 2020, 12, 3853.	1.8	10
51	Differential responses of native and managed prairie pastures to environmental variability and management practices. Agricultural and Forest Meteorology, 2020, 294, 108137.	1.9	4
52	Mapping sugarcane plantation dynamics in Guangxi, China, by time series Sentinel-1, Sentinel-2 and Landsat images. Remote Sensing of Environment, 2020, 247, 111951.	4.6	105
53	Quantifying expansion and removal of Spartina alterniflora on Chongming island, China, using time series Landsat images during 1995â€“2018. Remote Sensing of Environment, 2020, 247, 111916.	4.6	63
54	Identifying floods and flood-affected paddy rice fields in Bangladesh based on Sentinel-1 imagery and Google Earth Engine. ISPRS Journal of Photogrammetry and Remote Sensing, 2020, 166, 278-293.	4.9	89

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55	Gainers and losers of surface and terrestrial water resources in China during 1989â€“2016. Nature Communications, 2020, 11, 3471.	5.8	81
56	Estimating site-specific optimum air temperature and assessing its effect on the photosynthesis of grasslands in mid- to high-latitudes. Environmental Research Letters, 2020, 15, 034064.	2.2	16
57	Grassland Wildfires in the Southern Great Plains: Monitoring Ecological Impacts and Recovery. Remote Sensing, 2020, 12, 619.	1.8	9
58	Mapping Forested Wetland Inundation in the Delmarva Peninsula, USA Using Deep Convolutional Neural Networks. Remote Sensing, 2020, 12, 644.	1.8	35
59	Fingerprint of rice paddies in spatialâ€“temporal dynamics of atmospheric methane concentration in monsoon Asia. Nature Communications, 2020, 11, 554.	5.8	56
60	Synergistic Chinaâ€“US Ecological Research is Essential for Global Emerging Infectious Disease Preparedness. EcoHealth, 2020, 17, 160-173.	0.9	30
61	Mapping coastal wetlands of China using time series Landsat images in 2018 and Google Earth Engine. ISPRS Journal of Photogrammetry and Remote Sensing, 2020, 163, 312-326.	4.9	138
62	Impact of spring phenology variation on GPP and its lag feedback for winter wheat over the North China Plain. Science of the Total Environment, 2020, 725, 138342.	3.9	10
63	Dynamical Downscaling of CO₂ in 2016 Over the Contiguous United States Using WRFâ€VPRM, a Weatherâ€Biosphereâ€Onlineâ€Coupled Model. Journal of Advances in Modeling Earth Systems, 2020, 12, e2019MS001875.	1.3	21
64	Estimating Forest Stock Volume in Hunan Province, China, by Integrating In Situ Plot Data, Sentinel-2 Images, and Linear and Machine Learning Regression Models. Remote Sensing, 2020, 12, 186.	1.8	44
65	The 2012 Flash Drought Threatened US Midwest Agroecosystems. Chinese Geographical Science, 2019, 29, 768-783.	1.2	48
66	Satellite-observed pantropical carbon dynamics. Nature Plants, 2019, 5, 944-951.	4.7	141
67	Improved estimates of forest cover and loss in the Brazilian Amazon in 2000â€“2017. Nature Sustainability, 2019, 2, 764-772.	11.5	71
68	Assimilating Soil Moisture Retrieved from Sentinel-1 and Sentinel-2 Data into WOFOST Model to Improve Winter Wheat Yield Estimation. Remote Sensing, 2019, 11, 1618.	1.8	73
69	Winter Wheat Green-up Date Variation and its Diverse Response on the Hydrothermal Conditions over the North China Plain, Using MODIS Time-Series Data. Remote Sensing, 2019, 11, 1593.	1.8	10
70	Trends and controls of terrestrial gross primary productivity of China during 2000â€“2016. Environmental Research Letters, 2019, 14, 084032.	2.2	66
71	Increasing Outbreak of Cyanobacterial Blooms in Large Lakes and Reservoirs under Pressures from Climate Change and Anthropogenic Interferences in the Middleâ€“Lower Yangtze River Basin. Remote Sensing, 2019, 11, 1754.	1.8	24
72	Continuous monitoring of lake dynamics on the Mongolian Plateau using all available Landsat imagery and Google Earth Engine. Science of the Total Environment, 2019, 689, 366-380.	3.9	116

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73	TROPOMI reveals dry-season increase of solar-induced chlorophyll fluorescence in the Amazon forest. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 22393-22398.	3.3	78
74	Long-Term Dynamic of Poyang Lake Surface Water: A Mapping Work Based on the Google Earth Engine Cloud Platform. Remote Sensing, 2019, 11, 313.	1.8	71
75	Are There Sufficient Landsat Observations for Retrospective and Continuous Monitoring of Land Cover Changes in China?. Remote Sensing, 2019, 11, 1808.	1.8	20
76	Divergent shifts in peak photosynthesis timing of temperate and alpine grasslands in China. Remote Sensing of Environment, 2019, 233, 111395.	4.6	85
77	Assessing spatial-temporal dynamics of urban expansion, vegetation greenness and photosynthesis in megacity Shanghai, China during 2000â€“2016. Remote Sensing of Environment, 2019, 233, 111374.	4.6	100
78	Changes in area and number of nature reserves in China. Conservation Biology, 2019, 33, 1066-1075.	2.4	68
79	Estimating leaf area index and aboveground biomass of grazing pastures using Sentinel-1, Sentinel-2 and Landsat images. ISPRS Journal of Photogrammetry and Remote Sensing, 2019, 154, 189-201.	4.9	184
80	Rapid expansion of coastal aquaculture ponds in China from Landsat observations during 1984â€“2016. International Journal of Applied Earth Observation and Geoinformation, 2019, 82, 101902.	1.4	92
81	Assessing consistency of spring phenology of snow-covered forests as estimated by vegetation indices, gross primary production, and solar-induced chlorophyll fluorescence. Agricultural and Forest Meteorology, 2019, 275, 305-316.	1.9	64
82	Ecological engineering projects increased vegetation cover, production, and biomass in semiarid and subhumid Northern China. Land Degradation and Development, 2019, 30, 1620-1631.	1.8	71
83	Accelerating Cities in an Unsustainable Landscape: Urban Expansion and Cropland Occupation in China, 1990â€“2030. Sustainability, 2019, 11, 2283.	1.6	24
84	A Methodology for Flash Drought Identification: Application of Flash Drought Frequency across the United States. Journal of Hydrometeorology, 2019, 20, 833-846.	0.7	120
85	Does direct-seeded rice decrease ecosystem-scale methane emissions?â€”A case study from a rice paddy in southeast China. Agricultural and Forest Meteorology, 2019, 272-273, 118-127.	1.9	24
86	High resolution paddy rice maps in cloud-prone Bangladesh and Northeast India using Sentinel-1 data. Scientific Data, 2019, 6, 26.	2.4	107
87	Effects of reclamation and natural changes on coastal wetlands bordering China's Yellow Sea from 1984 to 2015. Land Degradation and Development, 2019, 30, 1533-1544.	1.8	38
88	Spatial, temporal, and spectral variations in albedo due to vegetation changes in Chinaâ€™s grasslands. ISPRS Journal of Photogrammetry and Remote Sensing, 2019, 152, 1-12.	4.9	37
89	Analysis of Parameters for the Accurate and Fast Estimation of Tree Diameter at Breast Height Based on Simulated Point Cloud. Remote Sensing, 2019, 11, 2707.	1.8	3
90	Tracking Reforestation in the Loess Plateau, China after the â€œGrain for Greenâ€•Project through Integrating PALSAR and Landsat Imagery. Remote Sensing, 2019, 11, 2685.	1.8	14

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91	The relationships between urban-rural temperature difference and vegetation in eight cities of the Great Plains. Frontiers of Earth Science, 2019, 13, 290-302.	0.9	11
92	Evapotranspiration-dominated biogeophysical warming effect of urbanization in the Beijing-Tianjin-Hebei region, China. Climate Dynamics, 2019, 52, 1231-1245.	1.7	36
93	Global patterns of extreme drought-induced loss in land primary production: Identifying ecological extremes from rain-use efficiency. Science of the Total Environment, 2018, 628-629, 611-620.	3.9	69
94	Expansion dynamics of deciduous rubber plantations in Xishuangbanna, China during 2000â€“2010. GIScience and Remote Sensing, 2018, 55, 905-925.	2.4	30
95	Spatioâ€Temporal Convergence of Maximum Daily Lightâ€Use Efficiency Based on Radiation Absorption by Canopy Chlorophyll. Geophysical Research Letters, 2018, 45, 3508-3519.	1.5	48
96	Responses of gross primary production of grasslands and croplands under drought, pluvial, and irrigation conditions during 2010â€“2016, Oklahoma, USA. Agricultural Water Management, 2018, 204, 47-59.	2.4	38
97	Assessing the Extent and Impact of Online Data Sharing in Eddy Covariance Flux Research. Journal of Geophysical Research G: Biogeosciences, 2018, 123, 129-137.	1.3	21
98	Increased vegetation growth and carbon stock in China karst via ecological engineering. Nature Sustainability, 2018, 1, 44-50.	11.5	460
99	Divergent trends of open-surface water body area in the contiguous United States from 1984 to 2016. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 3810-3815.	3.3	199
100	Multi-scale temporal variation of methane flux and its controls in a subtropical tidal salt marsh in eastern China. Biogeochemistry, 2018, 137, 163-179.	1.7	36
101	Mapping Forest and Their Spatialâ€“Temporal Changes From 2007 to 2015 in Tropical Hainan Island by Integrating ALOS/ALOS-2 L-Band SAR and Landsat Optical Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 852-867.	2.3	35
102	Characterizing the encroachment of juniper forests into sub-humid and semi-arid prairies from 1984 to 2010 using PALSAR and Landsat data. Remote Sensing of Environment, 2018, 205, 166-179.	4.6	61
103	On the relationship between sub-daily instantaneous and daily total gross primary production: Implications for interpreting satellite-based SIF retrievals. Remote Sensing of Environment, 2018, 205, 276-289.	4.6	91
104	Exacerbated grassland degradation and desertification in Central Asia during 2000â€“2014. Ecological Applications, 2018, 28, 442-456.	1.8	83
105	Underestimates of Grassland Gross Primary Production in MODIS Standard Products. Remote Sensing, 2018, 10, 1771.	1.8	36
106	Integrated Analyses of PALSAR and Landsat Imagery Reveal More Agroforests in a Typical Agricultural Production Region, North China Plain. Remote Sensing, 2018, 10, 1323.	1.8	10
107	Response of Tropical Terrestrial Gross Primary Production to the Super El NiÃ±o Event in 2015. Journal of Geophysical Research G: Biogeosciences, 2018, 123, 3193-3203.	1.3	24
108	The impact of surveillance and control on highly pathogenic avian influenza outbreaks in poultry in Dhaka division, Bangladesh. PLoS Computational Biology, 2018, 14, e1006439.	1.5	17

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109	Spatiotemporal Consistency of Four Gross Primary Production Products and Solarâ€Induced Chlorophyll Fluorescence in Response to Climate Extremes Across CONUS in 2012. Journal of Geophysical Research G: Biogeosciences, 2018, 123, 3140-3161.	1.3	30
110	Spatial analysis of dengue fever and exploration of its environmental and socio-economic risk factors using ordinary least squares: A case study in five districts of Guangzhou City, China, 2014. International Journal of Infectious Diseases, 2018, 75, 39-48.	1.5	47
111	Quantifying spatial-temporal changes of tea plantations in complex landscapes through integrative analyses of optical and microwave imagery. International Journal of Applied Earth Observation and Geoinformation, 2018, 73, 697-711.	1.4	13
112	Enhanced gross primary production and evapotranspiration in juniperâ€encroached grasslands. Global Change Biology, 2018, 24, 5655-5667.	4.2	25
113	Spatial-temporal consistency between gross primary productivity and solar-induced chlorophyll fluorescence of vegetation in China during 2007â€“2014. Science of the Total Environment, 2018, 639, 1241-1253.	3.9	36
114	Comparison of Pixel- and Object-Based Approaches in Phenology-Based Rubber Plantation Mapping in Fragmented Landscapes. Remote Sensing, 2018, 10, 44.	1.8	26
115	Carbon dioxide and water vapor fluxes in winter wheat and tallgrass prairie in central Oklahoma. Science of the Total Environment, 2018, 644, 1511-1524.	3.9	29
116	FluoSpec 2â€”An Automated Field Spectroscopy System to Monitor Canopy Solar-Induced Fluorescence. Sensors, 2018, 18, 2063.	2.1	67
117	Identifying Establishment Year and Pre-Conversion Land Cover of Rubber Plantations on Hainan Island, China Using Landsat Data during 1987â€“2015. Remote Sensing, 2018, 10, 1240.	1.8	25
118	Satelliteâ€Observed Major Greening and Biomass Increase in South China Karst During Recent Decade. Earth's Future, 2018, 6, 1017-1028.	2.4	143
119	Modeling gross primary production of paddy rice cropland through analyses of data from CO2 eddy flux tower sites and MODIS images. Remote Sensing of Environment, 2017, 190, 42-55.	4.6	42
120	Quantifying annual changes in built-up area in complex urban-rural landscapes from analyses of PALSAR and Landsat images. ISPRS Journal of Photogrammetry and Remote Sensing, 2017, 124, 89-105.	4.9	42
121	Status of land use intensity in China and its impacts on land carrying capacity. Journal of Chinese Geography, 2017, 27, 387-402.	1.5	44
122	Estimating aboveground biomass of broadleaf, needleleaf, and mixed forests in Northeastern China through analysis of 25-m ALOS/PALSAR mosaic data. Forest Ecology and Management, 2017, 389, 199-210.	1.4	29
123	Mapping the dynamics of eastern redcedar encroachment into grasslands during 1984â€“2010 through PALSAR and time series Landsat images. Remote Sensing of Environment, 2017, 190, 233-246.	4.6	65
124	Examining the short-term impacts of diverse management practices on plant phenology and carbon fluxes of Old World bluestems pasture. Agricultural and Forest Meteorology, 2017, 237-238, 60-70.	1.9	41
125	Modelling H5N1 in Bangladesh across spatial scales: Model complexity and zoonotic transmission risk. Epidemics, 2017, 20, 37-55.	1.5	19
126	Dominant role of plant physiology in trend and variability of gross primary productivity in North America. Scientific Reports, 2017, 7, 41366.	1.6	43

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127	Application of the space-for-time substitution method in validating long-term biomass predictions of a forest landscape model. Environmental Modelling and Software, 2017, 94, 127-139.	1.9	18
128	Continued decrease of open surface water body area in Oklahoma during 1984â€“2015. Science of the Total Environment, 2017, 595, 451-460.	3.9	118
129	Quantifying agricultural drought in tallgrass prairie region in the U.S. Southern Great Plains through analysis of a water-related vegetation index from MODIS images. Agricultural and Forest Meteorology, 2017, 246, 111-122.	1.9	40
130	Combining Spectral and Morphometric Properties of Landslides for Separating Individual Landslides Based on Object-Oriented Method. , 2017, , 61-70.		4
131	A global moderate resolution dataset of gross primary production of vegetation for 2000â€“2016. Scientific Data, 2017, 4, 170165.	2.4	335
132	Temporal consistency between gross primary production and solar-induced chlorophyll fluorescence in the ten most populous megacity areas over years. Scientific Reports, 2017, 7, 14963.	1.6	30
133	Annual dynamics of forest areas in South America during 2007â€“2010 at 50-m spatial resolution. Remote Sensing of Environment, 2017, 201, 73-87.	4.6	47
134	Longâ€‐term analysis of the asynchronicity between temperature and precipitation maxima in the United States Great Plains. International Journal of Climatology, 2017, 37, 3919-3933.	1.5	13
135	A mangrove forest map of China in 2015: Analysis of time series Landsat 7/8 and Sentinel-1A imagery in Google Earth Engine cloud computing platform. ISPRS Journal of Photogrammetry and Remote Sensing, 2017, 131, 104-120.	4.9	288
136	Assessing agricultural drought in summer over Oklahoma Mesonet sites using the water-related vegetation index from MODIS. International Journal of Biometeorology, 2017, 61, 377-390.	1.3	18
137	Analysis and estimation of tallgrass prairie evapotranspiration in the central United States. Agricultural and Forest Meteorology, 2017, 232, 35-47.	1.9	27
138	Spatiotemporal patterns of paddy rice croplands in China and India from 2000 to 2015. Science of the Total Environment, 2017, 579, 82-92.	3.9	127
139	Could Changes in the Agricultural Landscape of Northeastern China Have Influenced the Long-Distance Transmission of Highly Pathogenic Avian Influenza H5Nx Viruses?. Frontiers in Veterinary Science, 2017, 4, 225.	0.9	14
140	Different Patterns in Daytime and Nighttime Thermal Effects of Urbanization in Beijing-Tianjin-Hebei Urban Agglomeration. Remote Sensing, 2017, 9, 121.	1.8	31
141	Open Surface Water Mapping Algorithms: A Comparison of Water-Related Spectral Indices and Sensors. Water (Switzerland), 2017, 9, 256.	1.2	147
142	Intensifying poultry production systems and the emergence of avian influenza in China: a â€˜One Health/Ecohealthâ€™ epitome. Archives of Public Health, 2017, 75, 48.	1.0	44
143	Mapping Annual Forest Cover in Sub-Humid and Semi-Arid Regions through Analysis of Landsat and PALSAR Imagery. Remote Sensing, 2016, 8, 933.	1.8	21
144	Global mapping of highly pathogenic avian influenza H5N1 and H5Nx clade 2.3.4.4 viruses with spatial cross-validation. ELife, 2016, 5, .	2.8	45

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145	Impact of Climate Change on Vegetation Growth in Arid Northwest of China from 1982 to 2011. Remote Sensing, 2016, 8, 364.	1.8	33
146	Variation in Cropping Intensity in Northern China from 1982 to 2012 Based on GIMMS-NDVI Data. Sustainability, 2016, 8, 1123.	1.6	27
147	Chewing Lice of Swan Geese (Anser cygnoides): New Host-Parasite Associations. Korean Journal of Parasitology, 2016, 54, 685-691.	0.5	0
148	Variability and Changes in Climate, Phenology, and Gross Primary Production of an Alpine Wetland Ecosystem. Remote Sensing, 2016, 8, 391.	1.8	51
149	Canopy and physiological controls of GPP during drought and heat wave. Geophysical Research Letters, 2016, 43, 3325-3333.	1.5	75
150	Spatial Modeling of Wild Bird Risk Factors for Highly Pathogenic A(H5N1) Avian Influenza Virus Transmission. Avian Diseases, 2016, 60, 329-336.	0.4	15
151	Comparison of solarâ€induced chlorophyll fluorescence, lightâ€use efficiency, and processâ€based <scp>GPP</scp> models in maize. Ecological Applications, 2016, 26, 1211-1222.	1.8	82
152	Precipitation and carbon-water coupling jointly control the interannual variability of global land gross primary production. Scientific Reports, 2016, 6, 39748.	1.6	57
153	Mapping tropical forests and deciduous rubber plantations in Hainan Island, China by integrating PALSAR 25-m and multi-temporal Landsat images. International Journal of Applied Earth Observation and Geoinformation, 2016, 50, 117-130.	1.4	69
154	Semi-natural areas of Tarim Basin in northwest China: Linkage to desertification. Science of the Total Environment, 2016, 573, 178-188.	3.9	22
155	Consistency between sun-induced chlorophyll fluorescence and gross primary production of vegetation in North America. Remote Sensing of Environment, 2016, 183, 154-169.	4.6	180
156	Canopy and climate controls of gross primary production of Mediterranean-type deciduous and evergreen oak savannas. Agricultural and Forest Meteorology, 2016, 226-227, 132-147.	1.9	19
157	Land claim and loss of tidal flats in the Yangtze Estuary. Scientific Reports, 2016, 6, 24018.	1.6	62
158	Explaining inter-annual variability of gross primary productivity from plant phenology and physiology. Agricultural and Forest Meteorology, 2016, 226-227, 246-256.	1.9	81
159	Mapping forests in monsoon Asia with ALOS PALSAR 50-m mosaic images and MODIS imagery in 2010. Scientific Reports, 2016, 6, 20880.	1.6	49
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