

Atsushi Tsunekawa

List of Publications by Year in descending order

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Version: 2024-02-01

166
papers

5,282
citations

81900

39
h-index

114465

63
g-index

167
all docs

167
docs citations

167
times ranked

4255
citing authors

#	ARTICLE	IF	CITATIONS
1	Comprehensive assessment of soil erosion risk for better land use planning in river basins: Case study of the Upper Blue Nile River. <i>Science of the Total Environment</i> , 2017, 574, 95-108.	8.0	291
2	Soil erosion and conservation in Ethiopia. <i>Progress in Physical Geography</i> , 2015, 39, 750-774.	3.2	234
3	Exploring land use/land cover changes, drivers and their implications in contrasting agro-ecological environments of Ethiopia. <i>Land Use Policy</i> , 2019, 87, 104052.	5.6	157
4	Reconsidering the efficiency of grazing exclusion using fences on the Tibetan Plateau. <i>Science Bulletin</i> , 2020, 65, 1405-1414.	9.0	151
5	The dynamics of urban expansion and its impacts on land use/land cover change and small-scale farmers living near the urban fringe: A case study of Bahir Dar, Ethiopia. <i>Landscape and Urban Planning</i> , 2012, 106, 149-157.	7.5	149
6	Assessing vegetation dynamics in the Three-North Shelter Forest region of China using AVHRR NDVI data. <i>Environmental Earth Sciences</i> , 2011, 64, 1011-1020.	2.7	131
7	Land susceptibility to water and wind erosion risks in the East Africa region. <i>Science of the Total Environment</i> , 2020, 703, 135016.	8.0	131
8	Effects of land use and sustainable land management practices on runoff and soil loss in the Upper Blue Nile basin, Ethiopia. <i>Science of the Total Environment</i> , 2019, 648, 1462-1475.	8.0	116
9	Contributions of sandy lands and stony deserts to long-distance dust emission in China and Mongolia during 2000–2006. <i>Global and Planetary Change</i> , 2008, 60, 487-504.	3.5	113
10	Trends in urbanization and patterns of land use in the Asian mega cities Jakarta, Bangkok, and Metro Manila. <i>Landscape and Urban Planning</i> , 2005, 70, 251-259.	7.5	100
11	Factors influencing small-scale farmers's adoption of sustainable land management technologies in north-western Ethiopia. <i>Land Use Policy</i> , 2017, 67, 57-64.	5.6	100
12	Hydrological responses to land use/land cover change and climate variability in contrasting agro-ecological environments of the Upper Blue Nile basin, Ethiopia. <i>Science of the Total Environment</i> , 2019, 689, 347-365.	8.0	100
13	Continuing land degradation: Cause-effect in Ethiopia's Central Rift Valley. <i>Land Degradation and Development</i> , 2012, 23, 130-143.	3.9	99
14	Integrated Watershed Management as an Effective Approach to Curb Land Degradation: A Case Study of the Enabered Watershed in Northern Ethiopia. <i>Environmental Management</i> , 2012, 50, 1219-1233.	2.7	96
15	Land-use change and its socio-environmental impact in Eastern Ethiopia's highland. <i>Regional Environmental Change</i> , 2014, 14, 757-768.	2.9	96
16	Preliminary Evidence of a Barrier Effect of a Railroad on the Migration of Mongolian Gazelles. <i>Conservation Biology</i> , 2005, 19, 945-948.	4.7	89
17	Fragmentation of the Habitat of Wild Ungulates by Anthropogenic Barriers in Mongolia. <i>PLoS ONE</i> , 2013, 8, e56995.	2.5	83
18	Water and heat availability are drivers of the aboveground plant carbon accumulation rate in alpine grasslands on the Tibetan Plateau. <i>Global Ecology and Biogeography</i> , 2020, 29, 50-64.	5.8	77

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19	Farmers' Perception about Soil Erosion in Ethiopia. <i>Land Degradation and Development</i> , 2017, 28, 401-411.	3.9	76
20	Increased UVâ€B Radiation Affects the Viability, Reactive Oxygen Species Accumulation and Antioxidant Enzyme Activities in Maize (<i>Zea mays</i> L.) Pollen. <i>Photochemistry and Photobiology</i> , 2010, 86, 110-116.	2.5	73
21	Dynamics and hotspots of soil erosion and management scenarios of the Central Rift Valley of Ethiopia. <i>International Journal of Sediment Research</i> , 2012, 27, 84-99.	3.5	73
22	Reservoir sedimentation and its mitigating strategies: a case study of Angereb reservoir (NW Ethiopia). <i>Journal of Soils and Sediments</i> , 2012, 12, 291-305.	3.0	71
23	Index-based assessment of agricultural drought in a semi-arid region of Inner Mongolia, China. <i>Journal of Arid Land</i> , 2014, 6, 3-15.	2.3	66
24	Applying Ostromâ€™s institutional analysis and development framework to soil and water conservation activities in north-western Ethiopia. <i>Land Use Policy</i> , 2018, 71, 1-10.	5.6	64
25	Changes of soil properties regulate the soil organic carbon loss with grassland degradation on the Qinghai-Tibet Plateau. <i>Ecological Indicators</i> , 2018, 93, 572-580.	6.3	62
26	Cropland expansion outweighs the monetary effect of declining natural vegetation on ecosystem services in sub-Saharan Africa. <i>Ecosystem Services</i> , 2020, 45, 101154.	5.4	57
27	Satellite tracking of Mongolian gazelles (<i>Procapra gutturosa</i>) and habitat shifts in their seasonal ranges. <i>Journal of Zoology</i> , 2006, 269, 291-298.	1.7	54
28	Meta-analysis demonstrating that moderate grazing can improve the soil quality across China's grassland ecosystems. <i>Applied Soil Ecology</i> , 2020, 147, 103438.	4.3	54
29	Analyzing the variability of sediment yield: A case study from paired watersheds in the Upper Blue Nile basin, Ethiopia. <i>Geomorphology</i> , 2018, 303, 446-455.	2.6	53
30	Morphological characteristics and topographic thresholds of gullies in different agro-ecological environments. <i>Geomorphology</i> , 2019, 341, 15-27.	2.6	53
31	Increasing nitrogen deposition enhances post-drought recovery of grassland productivity in the Mongolian steppe. <i>Oecologia</i> , 2012, 170, 857-865.	2.0	51
32	Agroecology-based soil erosion assessment for better conservation planning in Ethiopian river basins. <i>Environmental Research</i> , 2021, 195, 110786.	7.5	51
33	Factors Affecting Small-Scale Farmersâ€™ Land Allocation and Tree Density Decisions in an <i>Acacia decurrens</i> -Based taungya System in Fagita Lekoma District, North-Western Ethiopia. <i>Small-Scale Forestry</i> , 2017, 16, 219-233.	1.7	49
34	Assessing the wind energy potential of China in considering its variability/intermittency. <i>Energy Conversion and Management</i> , 2020, 226, 113580.	9.2	49
35	Change in the trade-off between aboveground and belowground biomass of alpine grassland: Implications for the land degradation process. <i>Land Degradation and Development</i> , 2020, 31, 105-117.	3.9	48
36	Efficiency of soil and water conservation practices in different agro-ecological environments in the Upper Blue Nile Basin of Ethiopia. <i>Journal of Arid Land</i> , 2018, 10, 249-263.	2.3	47

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37	Analysis of long-term gully dynamics in different agro-ecology settings. <i>Catena</i> , 2019, 179, 160-174.	5.0	47
38	Exploring the variability of soil properties as influenced by land use and management practices: A case study in the Upper Blue Nile basin, Ethiopia. <i>Soil and Tillage Research</i> , 2020, 200, 104614.	5.6	47
39	Dynamics of land use and land cover and its effects on hydrologic responses: case study of the Gilgel Tekeze catchment in the highlands of Northern Ethiopia. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 4090.	2.7	44
40	Effects of climatic and grazing changes on desertification of alpine grasslands, Northern Tibet. <i>Ecological Indicators</i> , 2019, 107, 105647.	6.3	43
41	Evaluating runoff and sediment responses to soil and water conservation practices by employing alternative modeling approaches. <i>Science of the Total Environment</i> , 2020, 747, 141118.	8.0	42
42	Concurrent and Lagged Effects of Extreme Drought Induce Net Reduction in Vegetation Carbon Uptake on Tibetan Plateau. <i>Remote Sensing</i> , 2020, 12, 2347.	4.0	42
43	Analysis of the invasion rate, impacts and control measures of <i>Prosopis juliflora</i> : a case study of Amibara District, Eastern Ethiopia. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 7527-7542.	2.7	41
44	Verification of the biomass transfer hypothesis under moderate grazing across the Tibetan plateau: a meta-analysis. <i>Plant and Soil</i> , 2021, 458, 139-150.	3.7	40
45	Analyzing the runoff response to soil and water conservation measures in a tropical humid Ethiopian highland. <i>Physical Geography</i> , 2017, 38, 423-447.	1.4	38
46	Exploring Drivers of Livelihood Diversification and Its Effect on Adoption of Sustainable Land Management Practices in the Upper Blue Nile Basin, Ethiopia. <i>Sustainability</i> , 2019, 11, 2991.	3.2	38
47	Analyzing the hydrologic effects of region-wide land and water development interventions: a case study of the Upper Blue Nile basin. <i>Regional Environmental Change</i> , 2016, 16, 951-966.	2.9	36
48	Plant community of alpine steppe shows stronger association with soil properties than alpine meadow alongside degradation. <i>Science of the Total Environment</i> , 2020, 733, 139048.	8.0	36
49	Evaluation of kinetic energy and erosivity potential of simulated rainfall using Laser Precipitation Monitor. <i>Catena</i> , 2016, 137, 237-243.	5.0	35
50	Communitiesâ€™ Livelihood Vulnerability to Climate Variability in Ethiopia. <i>Sustainability</i> , 2019, 11, 6302.	3.2	35
51	Impact of Soil and Water Conservation Interventions on Watershed Runoff Response in a Tropical Humid Highland of Ethiopia. <i>Environmental Management</i> , 2018, 61, 860-874.	2.7	33
52	Effects of Land Use and Topographic Position on Soil Organic Carbon and Total Nitrogen Stocks in Different Agro-Ecosystems of the Upper Blue Nile Basin. <i>Sustainability</i> , 2020, 12, 2425.	3.2	33
53	The patterns and mechanisms of precipitation use efficiency in alpine grasslands on the Tibetan Plateau. <i>Agriculture, Ecosystems and Environment</i> , 2020, 292, 106833.	5.3	32
54	Subdivision and fragmentation of land holdings and their implication in desertification in the Thar Desert, India. <i>Journal of Arid Environments</i> , 1999, 41, 463-477.	2.4	31

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55	Evaluation of agricultural sustainability based on human carrying capacity in drylands – a case study in rural villages in Inner Mongolia, China. <i>Agriculture, Ecosystems and Environment</i> , 2005, 108, 29-43.	5.3	31
56	Kebon tatangkalan: a disappearing agroforest in the Upper Citarum Watershed, West Java, Indonesia. <i>Agroforestry Systems</i> , 2005, 63, 171-182.	2.0	28
57	Monitoring near-surface soil freeze–thaw cycles in northern China and Mongolia from 1998 to 2007. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2010, 12, 375-384.	2.8	28
58	Global analysis of cover management and support practice factors that control soil erosion and conservation. <i>International Soil and Water Conservation Research</i> , 2022, 10, 161-176.	6.5	28
59	Quantifying Grazing Intensity Using Remote Sensing in Alpine Meadows on Qinghai-Tibetan Plateau. <i>Sustainability</i> , 2019, 11, 417.	3.2	27
60	Coupling between plant nitrogen and phosphorus along water and heat gradients in alpine grassland. <i>Science of the Total Environment</i> , 2020, 701, 134660.	8.0	27
61	Economic and financial sustainability of an <i>Acacia decurrens</i> -based Taungya system for farmers in the Upper Blue Nile Basin, Ethiopia. <i>Land Use Policy</i> , 2020, 90, 104331.	5.6	26
62	Predicting gully densities at sub-continental scales: a case study for the Horn of Africa. <i>Earth Surface Processes and Landforms</i> , 2020, 45, 3763-3779.	2.5	26
63	The impacts of <i>Acacia decurrens</i> plantations on livelihoods in rural Ethiopia. <i>Land Use Policy</i> , 2021, 100, 104928.	5.6	26
64	Changes in ecosystem service values strongly influenced by human activities in contrasting agro-ecological environments. <i>Ecological Processes</i> , 2021, 10, .	3.9	26
65	An enhanced dust index for Asian dust detection with MODIS images. <i>International Journal of Remote Sensing</i> , 2013, 34, 6484-6495.	2.9	25
66	One-Sided Barrier Impact of an International Railroad on Mongolian Gazelles. <i>Journal of Wildlife Management</i> , 2008, 72, 940-943.	1.8	24
67	Spatial variations in snow cover and seasonally frozen ground over northern China and Mongolia, 1988–2010. <i>Global and Planetary Change</i> , 2014, 116, 139-148.	3.5	24
68	Drop size distribution and kinetic energy load of rainfall events in the highlands of the Central Rift Valley, Ethiopia. <i>Hydrological Sciences Journal</i> , 2014, 59, 2203-2215.	2.6	23
69	Evaluating spatial and temporal variations of rainfall erosivity, case of Central Rift Valley of Ethiopia. <i>Theoretical and Applied Climatology</i> , 2015, 119, 515-522.	2.8	23
70	Restoration efficiency of short-term grazing exclusion is the highest at the stage shifting from light to moderate degradation at Zoige, Tibetan Plateau. <i>Ecological Indicators</i> , 2020, 114, 106323.	6.3	23
71	Exploring the variability of soil nutrient outflows as influenced by land use and management practices in contrasting agro-ecological environments. <i>Science of the Total Environment</i> , 2021, 786, 147450.	8.0	23
72	Derivation of salt content in salinized soil from hyperspectral reflectance data: A case study at Minqin Oasis, Northwest China. <i>Journal of Arid Land</i> , 2019, 11, 111-122.	2.3	22

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73	Assessment of agricultural drought in rainfed cereal production areas of northern China. <i>Theoretical and Applied Climatology</i> , 2017, 127, 597-609.	2.8	21
74	Effectiveness of Polyacrylamide in Reducing Runoff and Soil Loss under Consecutive Rainfall Storms. <i>Sustainability</i> , 2020, 12, 1597.	3.2	20
75	Smallholder farmers's willingness to pay for sustainable land management practices in the Upper Blue Nile basin, Ethiopia. <i>Environment, Development and Sustainability</i> , 2021, 23, 5640-5665.	5.0	20
76	Response of net reduction rate in vegetation carbon uptake to climate change across a unique gradient zone on the Tibetan Plateau. <i>Environmental Research</i> , 2022, 203, 111894.	7.5	20
77	Effects of land-cover type and topography on soil organic carbon storage on Northern Loess Plateau, China. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2010, 60, 326-334.	0.6	19
78	Genetic Tracing of <i>Jatropha curcas</i> L. from Its Mesoamerican Origin to the World. <i>Frontiers in Plant Science</i> , 2017, 8, 1539.	3.6	19
79	Soil Salinity Type Effects on the Relationship between the Electrical Conductivity and Salt Content for 1:5 Soil-to-Water Extract. <i>Sustainability</i> , 2021, 13, 3395.	3.2	19
80	Effect of frozen ground on dust outbreaks in spring on the eastern Mongolian Plateau. <i>Geomorphology</i> , 2011, 129, 412-416.	2.6	18
81	One-year grazing exclusion remarkably restores degraded alpine meadow at Zoige, eastern Tibetan Plateau. <i>Global Ecology and Conservation</i> , 2020, 22, e00951.	2.1	18
82	Tillage and sowing options for enhancing productivity and profitability of teff in a sub-tropical highland environment. <i>Field Crops Research</i> , 2021, 263, 108050.	5.1	18
83	Effects of interannual variations in environmental conditions on seasonal range selection by Mongolian gazelles. <i>Journal of Arid Environments</i> , 2013, 91, 61-68.	2.4	17
84	Multidimensional Poverty and Inequality: Insights from the Upper Blue Nile Basin, Ethiopia. <i>Social Indicators Research</i> , 2020, 149, 585-611.	2.7	16
85	Effect of Polyacrylamide integrated with other soil amendments on runoff and soil loss: Case study from northwest Ethiopia. <i>International Soil and Water Conservation Research</i> , 2022, 10, 487-496.	6.5	16
86	Non-forest fuelwood acquisition and transition in type of energy for domestic uses in the changing agricultural landscape of the Upper Citarum Watershed, Indonesia. <i>Agriculture, Ecosystems and Environment</i> , 2001, 84, 245-258.	5.3	15
87	Influence of raindrop size on rainfall intensity, kinetic energy, and erosivity in a sub-humid tropical area: a case study in the northern highlands of Ethiopia. <i>Theoretical and Applied Climatology</i> , 2019, 136, 1221-1231.	2.8	15
88	A New Application of Random Forest Algorithm to Estimate Coverage of Moss-Dominated Biological Soil Crusts in Semi-Arid Mu Us Sandy Land, China. <i>Remote Sensing</i> , 2019, 11, 1286.	4.0	15
89	Sustained increase in soil respiration after nine years of warming in an alpine meadow on the Tibetan Plateau. <i>Geoderma</i> , 2020, 379, 114641.	5.1	15
90	Cloning and distribution of the bullfrog type 1 and type 2 corticotropin-releasing factor receptors. <i>General and Comparative Endocrinology</i> , 2006, 146, 291-295.	1.8	14

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91	Responses of plant-soil properties to increasing N deposition and implications for large-scale eco-restoration in the semiarid grassland of the northern Loess Plateau, China. <i>Ecological Engineering</i> , 2013, 60, 1-9.	3.6	14
92	Precipitation-use efficiency may explain net primary productivity allocation under different precipitation conditions across global grassland ecosystems. <i>Global Ecology and Conservation</i> , 2019, 20, e00713.	2.1	14
93	Biomechanical Properties and Agro-Morphological Traits for Improved Lodging Resistance in Ethiopian Teff (<i>Eragrostis tef</i> (Zucc.) Trotter) Accessions. <i>Agronomy</i> , 2020, 10, 1012.	3.0	14
94	Effect of subsurface water level on gully headcut retreat in tropical highlands of Ethiopia. <i>Earth Surface Processes and Landforms</i> , 2021, 46, 1209-1222.	2.5	14
95	Nitrogen flows due to human activities in the Cianjur-Cisokan watershed area in the middle Citarum drainage basin, West Java, Indonesia: a case study at hamlet scale. <i>Agriculture, Ecosystems and Environment</i> , 2003, 100, 75-90.	5.3	12
96	Community Dependency on Forest Resources in West Java, Indonesia. <i>Journal of Sustainable Forestry</i> , 2004, 18, 29-46.	1.4	12
97	Effects of spatiotemporal heterogeneity of forage availability on annual range size of Mongolian gazelles. <i>Journal of Zoology</i> , 2017, 301, 133-140.	1.7	12
98	Analysis of the Spatial Variation of Soil Salinity and Its Causal Factors in China's Minqin Oasis. <i>Mathematical Problems in Engineering</i> , 2017, 2017, 1-9.	1.1	12
99	Shift in nurse effect from facilitation to competition with increasing size of <i>Salix cupularis</i> canopy in a desertified alpine meadow on the Tibetan Plateau. <i>Catena</i> , 2020, 195, 104757.	5.0	12
100	Determining C- and P-factors of RUSLE for different land uses and management practices across agro-ecologies: case studies from the Upper Blue Nile basin, Ethiopia. <i>Physical Geography</i> , 2021, 42, 160-182.	1.4	12
101	Effects of different forms of white lupin (<i>Lupinus albus</i>) grain supplementation on feed intake, digestibility, growth performance and carcass characteristics of Washera sheep fed Rhodes grass (<i>Chloris gayana</i>) hay-based diets. <i>Tropical Animal Health and Production</i> , 2015, 47, 1581-1590.	1.4	11
102	Determination of soil erodibility using fluid energy method and measurement of the eroded mass. <i>Geoderma</i> , 2016, 284, 13-21.	5.1	11
103	Structure stability of acidic Luvisols: Effects of tillage type and exogenous additives. <i>Soil and Tillage Research</i> , 2021, 206, 104832.	5.6	11
104	Tillage and crop management impacts on soil loss and crop yields in northwestern Ethiopia. <i>International Soil and Water Conservation Research</i> , 2021, , .	6.5	11
105	Reduced runoff and sediment loss under alternative land capability-based land use and management options in a sub-humid watershed of Ethiopia. <i>Journal of Hydrology: Regional Studies</i> , 2022, 40, 100998.	2.4	11
106	Identification of Dust Hot Spots from Multi-Resolution Remotely Sensed Data in Eastern China and Mongolia. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	2.4	10
107	Migration of vegetation boundary between alpine steppe and meadow on a century-scale across the Tibetan Plateau. <i>Ecological Indicators</i> , 2022, 136, 108599.	6.3	10
108	Effects of substituting alfalfa hay for concentrate on energy utilization and feeding cost of crossbred Simmental male calves in Gansu Province, China. <i>Grassland Science</i> , 2017, 63, 245-254.	1.1	9

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109	Teff [<i>Eragrostis tef</i> (Zucc.)] rainfed yield response to planting method, seeding density, and row spacing. <i>Agronomy Journal</i> , 2021, 113, 111-122.	1.8	9
110	Soil Structure Stability under Different Land Uses in Association with Polyacrylamide Effects. <i>Sustainability</i> , 2021, 13, 1407.	3.2	9
111	Effect of Feeding Improved Grass Hays and <i>Eragrostis tef</i> Straw Silage on Milk Yield, Nitrogen Utilization, and Methane Emission of Lactating Fodera Dairy Cows in Ethiopia. <i>Animals</i> , 2020, 10, 1021.	2.3	8
112	Spectral Response Assessment of Moss-Dominated Biological Soil Crust Coverage Under Dry and Wet Conditions. <i>Remote Sensing</i> , 2020, 12, 1158.	4.0	8
113	Effect of stones on the sand saltation threshold during natural sand and dust storms in a stony desert in Tsogt-Ovoo in the Gobi Desert, Mongolia. <i>Journal of Arid Land</i> , 2021, 13, 653-673.	2.3	8
114	Small-Scale Woodlot Growers' Interest in Participating in Bioenergy Market In Rural Ethiopia. <i>Environmental Management</i> , 2021, 68, 553-565.	2.7	8
115	Resource analysis of small-scale dairy production system in an Indonesian village – a case study. <i>Agriculture, Ecosystems and Environment</i> , 2005, 105, 541-554.	5.3	7
116	Response of plant growth to surface water balance during a summer dry period in the Kazakhstan steppe. <i>Hydrological Processes</i> , 2008, 22, 2974-2981.	2.6	7
117	Genetic structure in Mongolian gazelles based on mitochondrial and microsatellite markers. <i>Mammalian Biology</i> , 2015, 80, 303-311.	1.5	7
118	Examining the Impact of Polyacrylamide and Other Soil Amendments on Soil Fertility and Crop Yield in Contrasting Agroecological Environments. <i>Journal of Soil Science and Plant Nutrition</i> , 2021, 21, 1817-1830.	3.4	7
119	Sediment Yield Variability at Various Spatial Scales and Its Hydrological and Geomorphological Impacts on Dam-catchments in the Ethiopian Highlands. <i>World Geomorphological Landscapes</i> , 2015, , 227-238.	0.3	7
120	Appropriate level of alfalfa hay in diets for rearing Simmental crossbred calves in dryland China. <i>Asian-Australasian Journal of Animal Sciences</i> , 2018, 31, 1881-1889.	2.4	7
121	Exploring teff yield variability related with farm management and soil property in contrasting agro-ecologies in Ethiopia. <i>Agricultural Systems</i> , 2022, 196, 103338.	6.1	7
122	Evaluation of lag time and time of concentration estimation methods in small tropical watersheds in Ethiopia. <i>Journal of Hydrology: Regional Studies</i> , 2022, 40, 101025.	2.4	7
123	Influence of continuous cultivation on the soil properties affecting crop productivity in the Thar Desert, India. <i>Journal of Arid Environments</i> , 1997, 36, 367-384.	2.4	6
124	Radar remote sensing of springtime near-surface soil thaw events at mid-latitudes. <i>International Journal of Remote Sensing</i> , 2011, 32, 8555-8574.	2.9	6
125	Conservation payments, off-farm employment and household welfare for farmers participating in the "Grain for Green" program in China. <i>China Agricultural Economic Review</i> , 2019, 12, 71-89.	3.7	6
126	Effects of the Diet Inclusion of Common Vetch Hay Versus Alfalfa Hay on the Body Weight Gain, Nitrogen Utilization Efficiency, Energy Balance, and Enteric Methane Emissions of Crossbred Simmental Cattle. <i>Animals</i> , 2019, 9, 983.	2.3	6

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127	Seasonal dynamics of cattle grazing behaviors on contrasting landforms of a fenced ranch in northern China. <i>Science of the Total Environment</i> , 2020, 749, 141613.	8.0	6
128	Laser methane detector-based quantification of methane emissions from indoor-fed Fogera dairy cows. <i>Animal Bioscience</i> , 2021, 34, 1415-1424.	2.0	6
129	Aboveground biomass response to increasing nitrogen deposition on grassland on the northern Loess Plateau of China. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2011, 61, 112-121.	0.6	5
130	Method for Classifying Behavior of Livestock on Fenced Temperate Rangeland in Northern China. <i>Sensors</i> , 2019, 19, 5334.	3.8	5
131	Mitigating the anti-nutritional effect of polyphenols on in vitro digestibility and fermentation characteristics of browse species in north western Ethiopia. <i>Tropical Animal Health and Production</i> , 2020, 52, 1287-1298.	1.4	5
132	Substitution of leguminous forage for oat hay improves nitrogen utilization efficiency of crossbred Simmental calves. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2020, 104, 998-1009.	2.2	5
133	Effect of Soil Microbiome from Church Forest in the Northwest Ethiopian Highlands on the Growth of <i>Olea europaea</i> and <i>Albizia gummifera</i> Seedlings under Glasshouse Conditions. <i>Sustainability</i> , 2020, 12, 4976.	3.2	5
134	The Influence of Income and Livelihood Diversification on Health-Related Quality of Life in Rural Ethiopia. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2709.	2.6	5
135	Polyacrylamide dissolved in low-quality water effects on structure stability of soils varying in texture and clay type. <i>Archives of Agronomy and Soil Science</i> , 2021, 67, 753-766.	2.6	5
136	Yield Potential and Variability of Teff (<i>Eragrostis tef</i> (Zucc.) Trotter) Germplasms under Intensive and Conventional Management Conditions. <i>Agronomy</i> , 2021, 11, 220.	3.0	5
137	Retrieval of optical depth of dust aerosol over land using two MODIS infrared bands. , 2006, , .		4
138	Active and Passive Microwave Remote Sensing of Springtime Near-Surface Thaw at Midlatitudes. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2012, 9, 427-431.	3.1	4
139	Habitat Fragmentation by Railways as a Barrier to Great Migrations of Ungulates in Mongolia. , 2017, , 229-246.		4
140	Effects of substituting concentrate mix with water hyacinth (<i>Eichhornia crassipes</i>) leaves on feed intake, digestibility and growth performance of Washera sheep fed rice straw-based diet. <i>Tropical Animal Health and Production</i> , 2018, 50, 965-972.	1.4	4
141	Structure Stability of Cultivated Soils from Semi-Arid Region: Comparing the Effects of Land Use and Anionic Polyacrylamide Application. <i>Agronomy</i> , 2020, 10, 2010.	3.0	4
142	Effect of exclosure on subsurface water level and sediment yield in the tropical highlands of Ethiopia. <i>Journal of Environmental Management</i> , 2022, 317, 115414.	7.8	4
143	Application of an optical disdrometer to characterize simulated rainfall and measure drop-size distribution. <i>Hydrological Sciences Journal</i> , 2018, 63, 1574-1587.	2.6	3
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