Atsushi Tsunekawa

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6075688/publications.pdf

Version: 2024-02-01

		81900	114465
166	5,282	39	63
papers	citations	h-index	g-index

167	167	167	4255
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Exploring crop yield variability under different land management practices with spectral vegetation indices in the Ethiopian Blue Nile basin. Geocarto International, 2024, 37, 15896-15911.	3.5	1
2	Response of net reduction rate in vegetation carbon uptake to climate change across a unique gradient zone on the Tibetan Plateau. Environmental Research, 2022, 203, 111894.	7.5	20
3	Exploring teff yield variability related with farm management and soil property in contrasting agro-ecologies in Ethiopia. Agricultural Systems, 2022, 196, 103338.	6.1	7
4	Migration of vegetation boundary between alpine steppe and meadow on a century-scale across the Tibetan Plateau. Ecological Indicators, 2022, 136, 108599.	6.3	10
5	Reduced runoff and sediment loss under alternative land capability-based land use and management options in a sub-humid watershed of Ethiopia. Journal of Hydrology: Regional Studies, 2022, 40, 100998.	2.4	11
6	Evaluation of lag time and time of concentration estimation methods in small tropical watersheds in Ethiopia. Journal of Hydrology: Regional Studies, 2022, 40, 101025.	2.4	7
7	Effect of Polyacrylamide integrated with other soil amendments on runoff and soil loss: Case study from northwest Ethiopia. International Soil and Water Conservation Research, 2022, 10, 487-496.	6.5	16
8	Global analysis of cover management and support practice factors that control soil erosion and conservation. International Soil and Water Conservation Research, 2022, 10, 161-176.	6.5	28
9	Estimating the sand saltation thresholds from Sentinel-1 SAR data in the Gobi Desert, Mongolia. Journal of Arid Environments, 2022, 202, 104772.	2.4	2
10	Effects of farmyard manure and Desmodium intercropping on forage grass growth, yield, and soil properties in different agro-ecologies of Upper Blue Nile basin, Ethiopia. Cogent Food and Agriculture, 2022, 8, .	1.4	1
11	Effect of exclosure on subsurface water level and sediment yield in the tropical highlands of Ethiopia. Journal of Environmental Management, 2022, 317, 115414.	7.8	4
12	A leaf reflectance-based crop yield modeling in Northwest Ethiopia. PLoS ONE, 2022, 17, e0269791.	2.5	2
13	Identifying low risk and profitable crop management practices for irrigated Teff production in northwestern Ethiopia. European Journal of Agronomy, 2022, 139, 126572.	4.1	1
14	Polyacrylamide dissolved in low-quality water effects on structure stability of soils varying in texture and clay type. Archives of Agronomy and Soil Science, 2021, 67, 753-766.	2.6	5
15	Smallholder farmersâ€™ willingness to pay for sustainable land management practices in the Upper Blue Nile basin, Ethiopia. Environment, Development and Sustainability, 2021, 23, 5640-5665.	5.0	20
16	Structure stability of acidic Luvisols: Effects of tillage type and exogenous additives. Soil and Tillage Research, 2021, 206, 104832.	5.6	11
17	The impacts of Acacia decurrens plantations on livelihoods in rural Ethiopia. Land Use Policy, 2021, 100, 104928.	5.6	26
18	Teff [Eragrostis tef (Zucc.)] rainfed yield response to planting method, seeding density, and row spacing. Agronomy Journal, 2021, 113, 111-122.	1.8	9

#	Article	IF	Citations
19	Verification of the biomass transfer hypothesis under moderate grazing across the Tibetan plateau: a meta-analysis. Plant and Soil, 2021, 458, 139-150.	3.7	40
20	Yield Potential and Variability of Teff (Eragrostis tef (Zucc.) Trotter) Germplasms under Intensive and Conventional Management Conditions. Agronomy, 2021, 11, 220.	3.0	5
21	Soil Structure Stability under Different Land Uses in Association with Polyacrylamide Effects. Sustainability, 2021, 13, 1407.	3.2	9
22	Soil Salinity Type Effects on the Relationship between the Electrical Conductivity and Salt Content for 1:5 Soil-to-Water Extract. Sustainability, 2021, 13, 3395.	3.2	19
23	Effect of subsurface water level on gully headcut retreat in tropical highlands of Ethiopia. Earth Surface Processes and Landforms, 2021, 46, 1209-1222.	2.5	14
24	Agro-Economic Evaluation of Alternative Crop Management Options for Teff Production in Midland Agro-Ecology, Ethiopia. Agriculture (Switzerland), 2021, 11, 298.	3.1	2
25	Tillage and sowing options for enhancing productivity and profitability of teff in a sub-tropical highland environment. Field Crops Research, 2021, 263, 108050.	5.1	18
26	Tillage and crop management impacts on soil loss and crop yields in northwestern Ethiopia. International Soil and Water Conservation Research, 2021, , .	6.5	11
27	Agroecology-based soil erosion assessment for better conservation planning in Ethiopian river basins. Environmental Research, 2021, 195, 110786.	7.5	51
28	Examining the Impact of Polyacrylamide and Other Soil Amendments on Soil Fertility and Crop Yield in Contrasting Agroecological Environments. Journal of Soil Science and Plant Nutrition, 2021, 21, 1817-1830.	3.4	7
29	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. Journal of Arid Land, 2021, 13, 653-673.	2.3	8
30	Changes in ecosystem service values strongly influenced by human activities in contrasting agro-ecological environments. Ecological Processes, 2021, 10, .	3.9	26
31	Laser methane detector-based quantification of methane emissions from indoor-fed Fogera dairy cows. Animal Bioscience, 2021, 34, 1415-1424.	2.0	6
32	Small-Scale Woodlot Growersâ€™ Interest in Participating in Bioenergy Market In Rural Ethiopia. Environmental Management, 2021, 68, 553-565.	2.7	8
33	Exploring the variability of soil nutrient outflows as influenced by land use and management practices in contrasting agro-ecological environments. Science of the Total Environment, 2021, 786, 147450.	8.0	23
34	Characterizing shallow groundwater in hillslope aquifers using isotopic signatures: A case study in the Upper Blue Nile basin, Ethiopia. Journal of Hydrology: Regional Studies, 2021, 37, 100901.	2.4	2
35	Legacy effect of warming on the heterotrophic respiration of alpine grassland on the Qinghai-Tibet Plateau. Applied Soil Ecology, 2021, 166, 104093.	4.3	3
36	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. Physical Geography, 2021, 42, 160-182.	1.4	12

#	Article	IF	Citations
37	Coupling between plant nitrogen and phosphorus along water and heat gradients in alpine grassland. Science of the Total Environment, 2020, 701, 134660.	8.0	27
38	Land susceptibility to water and wind erosion risks in the East Africa region. Science of the Total Environment, 2020, 703, 135016.	8.0	131
39	Water and heat availability are drivers of the aboveground plant carbon accumulation rate in alpine grasslands on the Tibetan Plateau. Global Ecology and Biogeography, 2020, 29, 50-64.	5.8	77
40	Change in the tradeâ€œoff between aboveground and belowground biomass of alpine grassland: Implications for the land degradation process. Land Degradation and Development, 2020, 31, 105-117.	3.9	48
41	Mitigating the anti-nutritional effect of polyphenols on in vitro digestibility and fermentation characteristics of browse species in north western Ethiopia. Tropical Animal Health and Production, 2020, 52, 1287-1298.	1.4	5
42	Substitution of leguminous forage for oat hay improves nitrogen utilization efficiency of crossbred Simmental calves. Journal of Animal Physiology and Animal Nutrition, 2020, 104, 998-1009.	2.2	5
43	Economic and financial sustainability of an Acacia decurrens-based Taungya system for farmers in the Upper Blue Nile Basin, Ethiopia. Land Use Policy, 2020, 90, 104331.	5.6	26
44	Meta-analysis demonstrating that moderate grazing can improve the soil quality across China's grassland ecosystems. Applied Soil Ecology, 2020, 147, 103438.	4.3	54
45	Multidimensional Poverty and Inequality: Insights from the Upper Blue Nile Basin, Ethiopia. Social Indicators Research, 2020, 149, 585-611.	2.7	16
46	Cropland expansion outweighs the monetary effect of declining natural vegetation on ecosystem services in sub-Saharan Africa. Ecosystem Services, 2020, 45, 101154.	5.4	57
47	Sustained increase in soil respiration after nine years of warming in an alpine meadow on the Tibetan Plateau. Geoderma, 2020, 379, 114641.	5.1	15
48	Evaluating runoff and sediment responses to soil and water conservation practices by employing alternative modeling approaches. Science of the Total Environment, 2020, 747, 141118.	8.0	42
49	Biomechanical Properties and Agro-Morphological Traits for Improved Lodging Resistance in Ethiopian Teff (Eragrostis tef (Zucc.) Trottor) Accessions. Agronomy, 2020, 10, 1012.	3.0	14
50	Seasonal dynamics of cattle grazing behaviors on contrasting landforms of a fenced ranch in northern China. Science of the Total Environment, 2020, 749, 141613.	8.0	6
51	Assessing the wind energy potential of China in considering its variability/intermittency. Energy Conversion and Management, 2020, 226, 113580.	9.2	49
52	Effects of oat hay and leguminous forage mixture feeding on enteric methane emission, energy utilization, and feed conversion efficiency in male crossbred Simmental beef cattle. Animal Science Journal, 2020, 91, e13472.	1.4	3
53	Concurrent and Lagged Effects of Extreme Drought Induce Net Reduction in Vegetation Carbon Uptake on Tibetan Plateau. Remote Sensing, 2020, 12, 2347.	4.0	42
54	Predicting gully densities at subâ€œcontinental scales: a case study for the Horn of Africa. Earth Surface Processes and Landforms, 2020, 45, 3763-3779.	2.5	26

#	Article	IF	Citations
55	Structure Stability of Cultivated Soils from Semi-Arid Region: Comparing the Effects of Land Use and Anionic Polyacrylamide Application. Agronomy, 2020, 10, 2010.	3.0	4
56	Plant community of alpine steppe shows stronger association with soil properties than alpine meadow alongside degradation. Science of the Total Environment, 2020, 733, 139048.	8.0	36
57	Shift in nurse effect from facilitation to competition with increasing size of Salix cupularis canopy in a desertified alpine meadow on the Tibetan Plateau. Catena, 2020, 195, 104757.	5.0	12
58	Effect of Feeding Improved Grass Hays and Eragrostis tef Straw Silage on Milk Yield, Nitrogen Utilization, and Methane Emission of Lactating Fogera Dairy Cows in Ethiopia. Animals, 2020, 10, 1021.	2.3	8
59	Restoration efficiency of short-term grazing exclusion is the highest at the stage shifting from light to moderate degradation at Zoige, Tibetan Plateau. Ecological Indicators, 2020, 114, 106323.	6.3	23
60	Effects of feeding level of alfalfa hay on nitrogen utilization for 1â€kg daily gain of crossbred Simmental male calves. Grassland Science, 2020, 66, 271-276.	1.1	0
61	Exploring the variability of soil properties as influenced by land use and management practices: A case study in the Upper Blue Nile basin, Ethiopia. Soil and Tillage Research, 2020, 200, 104614.	5.6	47
62	Effect of Soil Microbiome from Church Forest in the Northwest Ethiopian Highlands on the Growth of Olea europaea and Albizia gummifera Seedlings under Glasshouse Conditions. Sustainability, 2020, 12, 4976.	3.2	5
63	One-year grazing exclusion remarkably restores degraded alpine meadow at Zoige, eastern Tibetan Plateau. Global Ecology and Conservation, 2020, 22, e00951.	2.1	18
64	Effectiveness of Polyacrylamide in Reducing Runoff and Soil Loss under Consecutive Rainfall Storms. Sustainability, 2020, 12, 1597.	3.2	20
65	The benefit and strategy of spring movements in Mongolian gazelles. Journal of Mammalogy, 2020, 101, 487-497.	1.3	0
66	The patterns and mechanisms of precipitation use efficiency in alpine grasslands on the Tibetan Plateau. Agriculture, Ecosystems and Environment, 2020, 292, 106833.	5.3	32
67	Reconsidering the efficiency of grazing exclusion using fences on the Tibetan Plateau. Science Bulletin, 2020, 65, 1405-1414.	9.0	151
68	The Influence of Income and Livelihood Diversification on Health-Related Quality of Life in Rural Ethiopia. International Journal of Environmental Research and Public Health, 2020, 17, 2709.	2.6	5
69	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. Sustainability, 2020, 12, 2425.	3.2	33
70	Spectral Response Assessment of Moss-Dominated Biological Soil Crust Coverage Under Dry and Wet Conditions. Remote Sensing, 2020, 12, 1158.	4.0	8
71	Potentiality of global positioning system in sand dune measurement: A case study from the Thar desert, India. , 2020, , 433-438.		0
72	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. Theoretical and Applied Climatology, 2019, 136, 1221-1231.	2.8	15

#	Article	IF	Citations
73	Hydrological responses to land use/land cover change and climate variability in contrasting agro-ecological environments of the Upper Blue Nile basin, Ethiopia. Science of the Total Environment, 2019, 689, 347-365.	8.0	100
74	Precipitation-use efficiency may explain net primary productivity allocation under different precipitation conditions across global grassland ecosystems. Global Ecology and Conservation, 2019, 20, e00713.	2.1	14
75	Exploring land use/land cover changes, drivers and their implications in contrasting agro-ecological environments of Ethiopia. Land Use Policy, 2019, 87, 104052.	5.6	157
76	Conservation Payments and Technical Efficiency of farm Households Participating in the Grain for Green Program on the Loess Plateau of China. Sustainability, 2019, 11, 4426.	3.2	0
77	Effects of climatic and grazing changes on desertification of alpine grasslands, Northern Tibet. Ecological Indicators, 2019, 107, 105647.	6.3	43
78	Morphological characteristics and topographic thresholds of gullies in different agro-ecological environments. Geomorphology, 2019, 341, 15-27.	2.6	53
79	Exploring Drivers of Livelihood Diversification and Its Effect on Adoption of Sustainable Land Management Practices in the Upper Blue Nile Basin, Ethiopia. Sustainability, 2019, 11, 2991.	3.2	38
80	A New Application of Random Forest Algorithm to Estimate Coverage of Moss-Dominated Biological Soil Crusts in Semi-Arid Mu Us Sandy Land, China. Remote Sensing, 2019, 11, 1286.	4.0	15
81	Analysis of long-term gully dynamics in different agro-ecology settings. Catena, 2019, 179, 160-174.	5.0	47
82	Quantifying Grazing Intensity Using Remote Sensing in Alpine Meadows on Qinghai-Tibetan Plateau. Sustainability, 2019, 11, 417.	3.2	27
83	Derivation of salt content in salinized soil from hyperspectral reflectance data: A case study at Minqin Oasis, Northwest China. Journal of Arid Land, 2019, 11, 111-122.	2.3	22
84	Conservation payments, off-farm employment and household welfare for farmers participating in the â€œGrain for Greenâ€•program in China. China Agricultural Economic Review, 2019, 12, 71-89.	3.7	6
85	Communitiesâ€™ Livelihood Vulnerability to Climate Variability in Ethiopia. Sustainability, 2019, 11, 6302.	3.2	35
86	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. Animals, 2019, 9, 983.	2.3	6
87	Method for Classifying Behavior of Livestock on Fenced Temperate Rangeland in Northern China. Sensors, 2019, 19, 5334.	3.8	5
88	Effects of land use and sustainable land management practices on runoff and soil loss in the Upper Blue Nile basin, Ethiopia. Science of the Total Environment, 2019, 648, 1462-1475.	8.0	116
89	Nomadic Movement of Mongolian Gazelles Identified through the Net Squared Displacement Approach. Mammal Study, 2019, 44, 1.	0.6	1
90	Efficiency of soil and water conservation practices in different agro-ecological environments in the Upper Blue Nile Basin of Ethiopia. Journal of Arid Land, 2018, 10, 249-263.	2.3	47

#	Article	IF	Citations
91	Impact of Soil and Water Conservation Interventions on Watershed Runoff Response in a Tropical Humid Highland of Ethiopia. Environmental Management, 2018, 61, 860-874.	2.7	33
92	Effects of substituting concentrate mix with water hyacinth (Eichhornia crassipes) leaves on feed intake, digestibility and growth performance of Washera sheep fed rice straw-based diet. Tropical Animal Health and Production, 2018, 50, 965-972.	1.4	4
93	Analyzing the variability of sediment yield: A case study from paired watersheds in the Upper Blue Nile basin, Ethiopia. Geomorphology, 2018, 303, 446-455.	2.6	53
94	Applying Ostromâ€™s institutional analysis and development framework to soil and water conservation activities in north-western Ethiopia. Land Use Policy, 2018, 71, 1-10.	5.6	64
95	Application of an optical disdrometer to characterize simulated rainfall and measure drop-size distribution. Hydrological Sciences Journal, 2018, 63, 1574-1587.	2.6	3
96	Changes of soil properties regulate the soil organic carbon loss with grassland degradation on the Qinghai-Tibet Plateau. Ecological Indicators, 2018, 93, 572-580.	6.3	62
97	Appropriate level of alfalfa hay in diets for rearing Simmental crossbred calves in dryland China. Asian-Australasian Journal of Animal Sciences, 2018, 31, 1881-1889.	2.4	7
98	Assessment of agricultural drought in rainfed cereal production areas of northern China. Theoretical and Applied Climatology, 2017, 127, 597-609.	2.8	21
99	Factors influencing small-scale farmersâ€™ adoption of sustainable land management technologies in north-western Ethiopia. Land Use Policy, 2017, 67, 57-64.	5.6	100
100	Analyzing the runoff response to soil and water conservation measures in a tropical humid Ethiopian highland. Physical Geography, 2017, 38, 423-447.	1.4	38
101	Habitat Fragmentation by Railways as a Barrier to Great Migrations of Ungulates in Mongolia. , 2017, , 229-246.		4
102	Effects of substituting alfalfa hay for concentrate on energy utilization and feeding cost of crossbred Simmental male calves in Gansu Province, China. Grassland Science, 2017, 63, 245-254.	1.1	9
103	Farmers' Perception about Soil Erosion in Ethiopia. Land Degradation and Development, 2017, 28, 401-411.	3.9	76
104	Effects of spatiotemporal heterogeneity of forage availability on annual range size of Mongolian gazelles. Journal of Zoology, 2017, 301, 133-140.	1.7	12
105	Factors Affecting Small-Scale Farmersâ€™ Land Allocation and Tree Density Decisions in an Acacia decurrens-Based taungya System in Fagita Lekoma District, North-Western Ethiopia. Small-Scale Forestry, 2017, 16, 219-233.	1.7	49
106	Comprehensive assessment of soil erosion risk for better land use planning in river basins: Case study of the Upper Blue Nile River. Science of the Total Environment, 2017, 574, 95-108.	8.0	291
107	Development of Next-Generation Sustainable Land Management (SLM) Framework to Combat Desertification. Impact, 2017, 2017, 26-28.	0.1	2
108	Genetic Tracing of Jatropha curcas L. from Its Mesoamerican Origin to the World. Frontiers in Plant Science, 2017, 8, 1539.	3.6	19

#	Article	IF	Citations
109	Analysis of the Spatial Variation of Soil Salinity and Its Causal Factors in Chinaâ€™s Minqin Oasis. Mathematical Problems in Engineering, 2017, 2017, 1-9.	1.1	12
110	Land management for soil erosion and soil erosion mitigation in international rivers. Impact, 2017, 2017, 26-28.	0.1	0
111	Determination of soil erodibility using fluid energy method and measurement of the eroded mass. Geoderma, 2016, 284, 13-21.	5.1	11
112	Analyzing the hydrologic effects of region-wide land and water development interventions: a case study of the Upper Blue Nile basin. Regional Environmental Change, 2016, 16, 951-966.	2.9	36
113	Evaluation of kinetic energy and erosivity potential of simulated rainfall using Laser Precipitation Monitor. Catena, 2016, 137, 237-243.	5.0	35
114	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. Environmental Monitoring and Assessment, 2015, 187, 4090.	2.7	44
115	Effects of different forms of white lupin (Lupinus albus) grain supplementation on feed intake, digestibility, growth performance and carcass characteristics of Washera sheep fed Rhodes grass (Chloris gayana) hay-based diets. Tropical Animal Health and Production, 2015, 47, 1581-1590.	1.4	11
116	Genetic structure in Mongolian gazelles based on mitochondrial and microsatellite markers. Mammalian Biology, 2015, 80, 303-311.	1.5	7
117	Identification of Dust Hot Spots from Multi-Resolution Remotely Sensed Data in Eastern China and Mongolia. Water, Air, and Soil Pollution, 2015, 226, 1.	2.4	10
118	Soil erosion and conservation in Ethiopia. Progress in Physical Geography, 2015, 39, 750-774.	3.2	234
119	Evaluating spatial and temporal variations of rainfall erosivity, case of Central Rift Valley of Ethiopia. Theoretical and Applied Climatology, 2015, 119, 515-522.	2.8	23
120	Sediment Yield Variability at Various Spatial Scales and Its Hydrological and Geomorphological Impacts on Dam-catchments in the Ethiopian Highlands. World Geomorphological Landscapes, 2015, , 227-238.	0.3	7
121	Drop size distribution and kinetic energy load of rainfall events in the highlands of the Central Rift Valley, Ethiopia. Hydrological Sciences Journal, 2014, 59, 2203-2215.	2.6	23
122	Index-based assessment of agricultural drought in a semi-arid region of Inner Mongolia, China. Journal of Arid Land, 2014, 6, 3-15.	2.3	66
123	Land-use change and its socio-environmental impact in Eastern Ethiopiaâ€™s highland. Regional Environmental Change, 2014, 14, 757-768.	2.9	96
124	Spatial variations in snow cover and seasonally frozen ground over northern China and Mongolia, 1988â€“2010. Global and Planetary Change, 2014, 116, 139-148.	3.5	24
125	Analysis of the invasion rate, impacts and control measures of Prosopis juliflora: a case study of Amibara District, Eastern Ethiopia. Environmental Monitoring and Assessment, 2013, 185, 7527-7542.	2.7	41
126	Responses of plantâ€“soil properties to increasing N deposition and implications for large-scale eco-restoration in the semiarid grassland of the northern Loess Plateau, China. Ecological Engineering, 2013, 60, 1-9.	3.6	14

#	Article	IF	Citations
127	Effects of interannual variations in environmental conditions on seasonal range selection by Mongolian gazelles. Journal of Arid Environments, 2013, 91, 61-68.	2.4	17
128	An enhanced dust index for Asian dust detection with MODIS images. International Journal of Remote Sensing, 2013, 34, 6484-6495.	2.9	25
129	Shifting of frozen ground boundary in response to temperature variations at northern China and Mongolia, 2000â€“2007. International Journal of Climatology, 2013, 33, 1844-1848.	3.5	2
130	Fragmentation of the Habitat of Wild Ungulates by Anthropogenic Barriers in Mongolia. PLoS ONE, 2013, 8, e56995.	2.5	83
131	Dynamics and hotspots of soil erosion and management scenarios of the Central Rift Valley of Ethiopia. International Journal of Sediment Research, 2012, 27, 84-99.	3.5	73
132	Increasing nitrogen deposition enhances post-drought recovery of grassland productivity in the Mongolian steppe. Oecologia, 2012, 170, 857-865.	2.0	51
133	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. Landscape and Urban Planning, 2012, 106, 149-157.	7.5	149
134	Integrated Watershed Management as an Effective Approach to Curb Land Degradation: A Case Study of the Enabered Watershed in Northern Ethiopia. Environmental Management, 2012, 50, 1219-1233.	2.7	96
135	Continuing land degradation: Causeâ€“effect in Ethiopia's Central Rift Valley. Land Degradation and Development, 2012, 23, 130-143.	3.9	99
136	Active and Passive Microwave Remote Sensing of Springtime Near-Surface Thaw at Midlatitudes. IEEE Geoscience and Remote Sensing Letters, 2012, 9, 427-431.	3.1	4
137	Reservoir sedimentation and its mitigating strategies: a case study of Angereb reservoir (NW Ethiopia). Journal of Soils and Sediments, 2012, 12, 291-305.	3.0	71
138	Radar remote sensing of springtime near-surface soil thaw events at mid-latitudes. International Journal of Remote Sensing, 2011, 32, 8555-8574.	2.9	6
139	Effect of frozen ground on dust outbreaks in spring on the eastern Mongolian Plateau. Geomorphology, 2011, 129, 412-416.	2.6	18
140	Assessing vegetation dynamics in the Three-North Shelter Forest region of China using AVHRR NDVI data. Environmental Earth Sciences, 2011, 64, 1011-1020.	2.7	131
141	Effects of Sand Burial and Water Regimes on Seed Germination and Seedling Emergence of Two Desert Species. Advanced Materials Research, 2011, 356-360, 2465-2472.	0.3	0
142	Aboveground biomass response to increasing nitrogen deposition on grassland on the northern Loess Plateau of China. Acta Agriculturae Scandinavica - Section B Soil and Plant Science, 2011, 61, 112-121.	0.6	5
143	Assessment of Soil Erosion and Conservation: Application of USLE Model in Southern Ethiopia. , 2011, , .		0
144	Increased UVâ€B Radiation Affects the Viability, Reactive Oxygen Species Accumulation and Antioxidant Enzyme Activities in Maize (Zea mays L.) Pollen. Photochemistry and Photobiology, 2010, 86, 110-116.	2.5	73

#	Article	IF	Citations
145	Monitoring near-surface soil freezeâ€“thaw cycles in northern China and Mongolia from 1998 to 2007. International Journal of Applied Earth Observation and Geoinformation, 2010, 12, 375-384.	2.8	28
146	Effects of land-cover type and topography on soil organic carbon storage on Northern Loess Plateau, China. Acta Agriculturae Scandinavica - Section B Soil and Plant Science, 2010, 60, 326-334.	0.6	19
147	Response of plant growth to surface water balance during a summer dry period in the Kazakhstan steppe. Hydrological Processes, 2008, 22, 2974-2981.	2.6	7
148	Oneâ€Sided Barrier Impact of an International Railroad on Mongolian Gazelles. Journal of Wildlife Management, 2008, 72, 940-943.	1.8	24
149	Contributions of sandy lands and stony deserts to long-distance dust emission in China and Mongolia during 2000â€“2006. Global and Planetary Change, 2008, 60, 487-504.	3.5	113
150	Retrieval of optical depth of dust aerosol over land using two MODIS infrared bands. , 2006, , .		4
151	Satellite tracking of Mongolian gazelles (Procapra gutturosa) and habitat shifts in their seasonal ranges. Journal of Zoology, 2006, 269, 291-298.	1.7	54
152	Cloning and distribution of the bullfrog type 1 and type 2 corticotropin-releasing factor receptors. General and Comparative Endocrinology, 2006, 146, 291-295.	1.8	14
153	Resource analysis of small-scale dairy production system in an Indonesian village â€” a case study. Agriculture, Ecosystems and Environment, 2005, 105, 541-554.	5.3	7
154	Evaluation of agricultural sustainability based on human carrying capacity in drylands â€“ a case study in rural villages in Inner Mongolia, China. Agriculture, Ecosystems and Environment, 2005, 108, 29-43.	5.3	31
155	Preliminary Evidence of a Barrier Effect of a Railroad on the Migration of Mongolian Gazelles. Conservation Biology, 2005, 19, 945-948.	4.7	89
156	Kebon tatangkalan: a disappearing agroforest in the Upper Citarum Watershed, West Java, Indonesia. Agroforestry Systems, 2005, 63, 171-182.	2.0	28
157	Trends in urbanization and patterns of land use in the Asian mega cities Jakarta, Bangkok, and Metro Manila. Landscape and Urban Planning, 2005, 70, 251-259.	7.5	100
158	Community Dependency on Forest Resources in West Java, Indonesia. Journal of Sustainable Forestry, 2004, 18, 29-46.	1.4	12
159	Modeling the Production and Uses of Biological Resources from the Viewpoint of Energy Flow in a Rural Village in Sichuan, China. Environmental Management, 2003, 32, 47-61.	2.7	1
160	Nitrogen flows due to human activities in the Cianjurâ€“Cisokan watershed area in the middle Citarum drainage basin, West Java, Indonesia: a case study at hamlet scale. Agriculture, Ecosystems and Environment, 2003, 100, 75-90.	5.3	12
161	Non-forest fuelwood acquisition and transition in type of energy for domestic uses in the changing agricultural landscape of the Upper Citarum Watershed, Indonesia. Agriculture, Ecosystems and Environment, 2001, 84, 245-258.	5.3	15
162	Title is missing!. Theory and Applications of GIS, 2001, 9, 83-90.	0.1	3

#	Article	IF	Citations
163	Title is missing!. Theory and Applications of GIS, 2000, 8, 69-75.	0.1	2
164	Subdivision and fragmentation of land holdings and their implication in desertification in the Thar Desert, India. Journal of Arid Environments, 1999, 41, 463-477.	2.4	31
165	Influence of continuous cultivation on the soil properties affecting crop productivity in the Thar Desert, India. Journal of Arid Environments, 1997, 36, 367-384.	2.4	6
166	Dual benefits of polyacrylamide and other soil amendments: Mitigation of soil nutrient depletion and improvement of useâ€efficiency in midland agroâ€ecology, Ethiopia. Land Degradation and Development, 0, , .	3.9	1