

Xiaoyu Li

List of Publications by Year in descending order

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28
papers

536
citations

623734

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28
all docs

28
docs citations

28
times ranked

773
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrated Assessment of Heavy Metal Contamination in Sediments from a Coastal Industrial Basin, NE China. PLoS ONE, 2012, 7, e39690.	2.5	93
2	Holocene climate changes in the central Asia mountain region inferred from a peat sequence from the Altai Mountains, Xinjiang, northwestern China. Quaternary Science Reviews, 2016, 152, 19-30.	3.0	69
3	Electrodeposition synthesis of MnO ₂ /TiO ₂ nanotube arrays nanocomposites and their visible light photocatalytic activity. Materials Research Bulletin, 2014, 59, 32-36.	5.2	33
4	Exogenous Abscisic Acid Alleviates Harmful Effect of Salt and Alkali Stresses on Wheat Seedlings. International Journal of Environmental Research and Public Health, 2020, 17, 3770.	2.6	29
5	Salt-alkali tolerance during germination and establishment of <i>Leymus chinensis</i> in the Songnen Grassland of China. Ecological Engineering, 2016, 95, 763-769.	3.6	26
6	Effects of alternate flooding and drought conditions on degenerated <i>Phragmites australis</i> salt marsh in Northeast China. Restoration Ecology, 2017, 25, 810-819.	2.9	25
7	Evaluation of landscape changes and ecological degradation by GIS in arid regions: a case study of the terminal oasis of the Shiyang River, northwest China. Environmental Geology, 2007, 52, 947-956.	1.2	24
8	The effects of soil freeze-thaw processes on water and salt migrations in the western Songnen Plain, China. Scientific Reports, 2021, 11, 3888.	3.3	23
9	Physiological responses and adaptive strategies of wheat seedlings to salt and alkali stresses. Soil Science and Plant Nutrition, 2009, 55, 680-684.	1.9	22
10	Effects of Saline and Alkaline Stresses on Growth and Physiological Changes in Oat (<i>Avena) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	9.1	22
11	A spatial-explicit dynamic vegetation model that couples carbon, water, and nitrogen processes for arid and semiarid ecosystems. Journal of Arid Land, 2013, 5, 102-117.	2.3	21
12	Growth and physiology responses of <i>Phragmites australis</i> to combined drought-flooding condition in inland saline-alkaline marsh, Northeast China. Ecological Engineering, 2017, 108, 234-239.	3.6	19
13	Restoration and rational use of degraded saline reed wetlands: A case study in western Songnen Plain, China. Chinese Geographical Science, 2012, 22, 167-177.	3.0	18
14	Methane emissions from created and restored freshwater and brackish marshes in southwest Florida, USA. Ecological Engineering, 2016, 91, 529-536.	3.6	17
15	EFFECT OF ALKALINE POTASSIUM AND SODIUM SALTS ON GROWTH, PHOTOSYNTHESIS, IONS ABSORPTION AND SOLUTES SYNTHESIS OF WHEAT SEEDLINGS. Experimental Agriculture, 2014, 50, 144-157.	0.9	14
16	Impacts of Fall Nitrogen Application on Seed Production in <i>Leymus chinensis</i> , a Rhizomatous Perennial Grass. Agronomy Journal, 2013, 105, 1378-1384.	1.8	13
17	Characterization of Water Quality in Xiao Xingkai Lake: Implications for Trophic Status and Management. Chinese Geographical Science, 2021, 31, 558-570.	3.0	12
18	Effect of Land Use History and Pattern on Soil Carbon Storage in Arid Region of Central Asia. PLoS ONE, 2013, 8, e68372.	2.5	11

#	ARTICLE	IF	CITATIONS
19	Diurnal and seasonal dynamics of soil respiration at temperate <i>Leymus chinensis</i> meadow steppes in western Songnen Plain, China. <i>Chinese Geographical Science</i> , 2014, 24, 287-296.	3.0	10
20	Assessment of MODIS, MERIS, GEOV1 FPAR Products over Northern China with Ground Measured Data and by Analyzing Residential Effect in Mixed Pixel. <i>Remote Sensing</i> , 2014, 6, 5428-5451.	4.0	9
21	A haze removal module for multispectral satellite imagery. , 2009, , .		6
22	Roof confusion removal for accurate vegetation extraction in the urban environment. , 2008, , .		4
23	SALT AND ALKALI STRESSES EFFECTS ON CONTENTS OF ORGANIC ACIDS COMPONENTS IN WHEAT SEEDLINGS. <i>Journal of Plant Nutrition</i> , 2013, 36, 1056-1064.	1.9	4
24	Rhizomes Help the Forage Grass <i>Leymus chinensis</i> to Adapt to the Salt and Alkali Stresses. <i>Scientific World Journal</i> , The, 2014, 2014, 1-15.	2.1	4
25	Optimum harvest maturity for <i>Leymus chinensis</i> seed. <i>Biology Open</i> , 2016, 5, 720-725.	1.2	4
26	Comparison of the Photosynthetic Capacity of <i>Phragmites australis</i> in Five Habitats in Saline-Alkaline Wetlands. <i>Plants</i> , 2020, 9, 1317.	3.5	3
27	How to Choose a Hydrological Recovery Mode for Degraded Semiarid Wetland in China? A Case Study on Restoration of <i>Phragmites australis</i> Saline-Alkaline Wetland. <i>Sustainability</i> , 2020, 12, 10103.	3.2	1
28	Spatial variability of soil organic matter in the upper stream of the Hunhe River basin, northeastern China. , 2010, , .		0