

Wei Liu

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

235
citations

1163117

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1199594

12
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all docs

12
docs citations

12
times ranked

366
citing authors

#	ARTICLE	IF	CITATIONS
1	Yield potential of <i>Miscanthus</i> energy crops in the Loess Plateau of China. GCB Bioenergy, 2012, 4, 545-554.	5.6	46
2	Carbon sequestration by <i>Miscanthus</i> energy crops plantations in a broad range semi-arid marginal land in China. Science of the Total Environment, 2014, 496, 373-380.	8.0	40
3	Potential productivity of the <i>Miscanthus</i> energy crop in the Loess Plateau of China under climate change. Environmental Research Letters, 2013, 8, 044003.	5.2	29
4	Genetic variation and bidirectional gene flow in the riparian plant <i>Miscanthus lutarioriparius</i> , across its endemic range: implications for adaptive potential. GCB Bioenergy, 2016, 8, 764-776.	5.6	28
5	Population transcriptomics reveals a potentially positive role of expression diversity in adaptation. Journal of Integrative Plant Biology, 2015, 57, 284-299.	8.5	26
6	Sustainable bioenergy production with little carbon debt in the Loess Plateau of China. Biotechnology for Biofuels, 2016, 9, 161.	6.2	16
7	Transcriptomic evaluation of <i>Miscanthus</i> photosynthetic traits to salinity stress. Biomass and Bioenergy, 2019, 125, 123-130.	5.7	16
8	Transcriptomic characterization of candidate genes responsive to salt tolerance of <i>Miscanthus</i> energy crops. GCB Bioenergy, 2017, 9, 1222-1237.	5.6	13
9	Increased expression diversity buffers the loss of adaptive potential caused by reduction of genetic diversity in new unfavourable environments. Biology Letters, 2019, 15, 20180583.	2.3	7
10	Water Use Efficiency and Stress Tolerance of the Potential Energy Crop <i>Miscanthus lutarioriparius</i> Grown on the Loess Plateau of China. Plants, 2021, 10, 544.	3.5	6
11	N ₂ O and CH ₄ emission from <i>Miscanthus</i> energy crop fields in the infertile Loess Plateau of China. Biotechnology for Biofuels, 2018, 11, 321.	6.2	4
12	Transcriptomic Characterization of <i>Miscanthus sacchariflorus</i> – <i>M. lutarioriparius</i> and Its Implications for Energy Crop Development in the Semiarid Mine Area. Plants, 2022, 11, 1568.	3.5	4