

Feng-Min Li

List of Publications by Year in descending order

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334
papers

15,744
citations

14644

66
h-index

31818

101
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352
all docs

352
docs citations

352
times ranked

11895
citing authors

#	ARTICLE	IF	CITATIONS
1	A deeper look at crop residue and soil warming impact on the soil C pools. <i>Soil and Tillage Research</i> , 2022, 215, 105192.	2.6	7
2	Contributions made by rain-fed potato with mulching to food security in China. <i>European Journal of Agronomy</i> , 2022, 133, 126435.	1.9	20
3	Re-used mulching of plastic film is more profitable and environmentally friendly than new mulching. <i>Soil and Tillage Research</i> , 2022, 216, 105256.	2.6	25
4	Fungicide-loaded mesoporous silica nanoparticles promote rice seedling growth by regulating amino acid metabolic pathways. <i>Journal of Hazardous Materials</i> , 2022, 425, 127892.	6.5	22
5	Optimum plastic mulching application to reduce greenhouse gas emissions without compromising on crop yield and farmers' income. <i>Science of the Total Environment</i> , 2022, 809, 151998.	3.9	14
6	Sequential combination of photocatalysis and microalgae technology for promoting the degradation and detoxification of typical antibiotics. <i>Water Research</i> , 2022, 210, 117985.	5.3	70
7	Nano-enabled improvements of growth and colonization rate in wheat inoculated with arbuscular mycorrhizal fungi. <i>Environmental Pollution</i> , 2022, 295, 118724.	3.7	22
8	Optimum fertilizer application rate to ensure yield and decrease greenhouse gas emissions in rain-fed agriculture system of the Loess Plateau. <i>Science of the Total Environment</i> , 2022, 823, 153762.	3.9	16
9	Towards Risk Assessments of Microplastics in Bivalve Mollusks Globally. <i>Journal of Marine Science and Engineering</i> , 2022, 10, 288.	1.2	40
10	Effects on Photosynthetic Response and Biomass Productivity of <i>Acacia longifolia</i> ssp. <i>longifolia</i> Under Elevated CO ₂ and Water-Limited Regimes. <i>Frontiers in Plant Science</i> , 2022, 13, 817730.	1.7	10
11	Biomass Allocation Responses to Root Interactions in Wheat Cultivars Support Predictions of Crop Evolutionary Ecology Theory. <i>Frontiers in Plant Science</i> , 2022, 13, 858636.	1.7	3
12	The effects of plastic film mulching and straw mulching on licorice root yield and soil organic carbon content in a dryland farming. <i>Science of the Total Environment</i> , 2022, 826, 154113.	3.9	10
13	Atmospheric microplastics in the Northwestern Pacific Ocean: Distribution, source, and deposition. <i>Science of the Total Environment</i> , 2022, 829, 154337.	3.9	53
14	Conservation tillage or plastic film mulching? A comprehensive global meta-analysis based on maize yield and nitrogen use efficiency. <i>Science of the Total Environment</i> , 2022, 831, 154869.	3.9	25
15	Identifying a suitable revegetation method for soil organic carbon, nitrogen, and phosphorus sequestration: A 16-year in situ experiment on abandoned farmland in a semiarid area of the Loess Plateau, China. <i>Land Degradation and Development</i> , 2022, 33, 2366-2378.	1.8	4
16	Yield and water-use related traits in landrace and new soybean cultivars in arid and semi-arid areas of China. <i>Field Crops Research</i> , 2022, 283, 108559.	2.3	4
17	Ridge-Furrow Mulching Enhances Capture and Utilization of Rainfall for Improved Maize Production under Rain-Fed Conditions. <i>Agronomy</i> , 2022, 12, 1187.	1.3	6
18	Multi-parallel structure and a generalized conceptual model of livestock track network. <i>Catena</i> , 2022, 216, 106380.	2.2	3

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19	Film Mulching with Low Phosphorus Application Improves Soil Organic Carbon and Its Decomposability in a Semiarid Agroecosystem. <i>Agriculture (Switzerland)</i> , 2022, 12, 816.	1.4	1
20	Photosynthetic activity and water use efficiency of <i>Salvia verbenaca</i> L. under elevated CO_2 and water-deficit conditions. <i>Journal of Agronomy and Crop Science</i> , 2022, 208, 536-551.	1.7	10
21	Iron Chaperone Poly rC Binding Protein 1 Protects Mouse Liver From Lipid Peroxidation and Steatosis. <i>Hepatology</i> , 2021, 73, 1176-1193.	3.6	101
22	Combined high leaf hydraulic safety and efficiency provides drought tolerance in <i>Caragana</i> species adapted to low mean annual precipitation. <i>New Phytologist</i> , 2021, 229, 230-244.	3.5	63
23	Exploring optimal nitrogen management for high yielding maize in arid areas via ^{15}N -labeled technique. <i>Geoderma</i> , 2021, 382, 114711.	2.3	21
24	Converting alfalfa pasture into annual cropland achieved high productivity and kept soil organic carbon in a semiarid area. <i>Land Degradation and Development</i> , 2021, 32, 1478-1486.	1.8	9
25	High Phosphorus Acquisition and Allocation Strategy Is Associated with Soybean Seed Yield under Water- and P-Limited Conditions. <i>Agronomy</i> , 2021, 11, 574.	1.3	11
26	Reduced Vegetative Growth Increases Grain Yield in Spring Wheat Genotypes in the Dryland Farming Region of North-West China. <i>Agronomy</i> , 2021, 11, 663.	1.3	12
27	Long-Term Growth of Alfalfa Increased Soil Organic Matter Accumulation and Nutrient Mineralization in a Semi-Arid Environment. <i>Frontiers in Environmental Science</i> , 2021, 9, .	1.5	24
28	Trade-Off between Root Efficiency and Root Size Is Associated with Yield Performance of Soybean under Different Water and Phosphorus Levels. <i>Agriculture (Switzerland)</i> , 2021, 11, 481.	1.4	11
29	Phosphorus Supply Increases Internode Length and Leaf Characteristics, and Increases Dry Matter Accumulation and Seed Yield in Soybean under Water Deficit. <i>Agronomy</i> , 2021, 11, 930.	1.3	6
30	$\delta^2\text{H}$ and $\delta^{18}\text{O}$ in Precipitation and Water Vapor Disentangle Seasonal Wind Directions on the Loess Plateau. <i>Sustainability</i> , 2021, 13, 6938.	1.6	5
31	Reduction effects of solar radiation, mechanical tension, and soil burial on phthalate esters concentrations in plastic film and soils. <i>Science of the Total Environment</i> , 2021, 778, 146341.	3.9	15
32	Seasonal distribution and ecological risk of phthalate esters in surface water and marine organisms of the Bohai Sea. <i>Marine Pollution Bulletin</i> , 2021, 169, 112449.	2.3	22
33	Microplastics in four bivalve species and basis for using bivalves as bioindicators of microplastic pollution. <i>Science of the Total Environment</i> , 2021, 782, 146830.	3.9	115
34	Biochar decreased enantioselective uptake of chiral pesticide metalaxyl by lettuce and shifted bacterial community in agricultural soil. <i>Journal of Hazardous Materials</i> , 2021, 417, 126047.	6.5	43
35	Enhanced Fungicidal Efficacy by Co-Delivery of Azoxystrobin and Diniconazole with Cauliflower-Like Metal-Organic Frameworks NH ₂ -Al-MIL-101. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10412.	1.8	17
36	Allometry and Yield Stability of Cereals. <i>Frontiers in Plant Science</i> , 2021, 12, 681490.	1.7	8

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37	Biodegradable and re-usable sponge materials made from chitin for efficient removal of microplastics. <i>Journal of Hazardous Materials</i> , 2021, 420, 126599.	6.5	77
38	Effect of plastic film mulching and film residues on phthalate esters concentrations in soil and plants, and its risk assessment. <i>Environmental Pollution</i> , 2021, 286, 117546.	3.7	47
39	Mitochondrial dysfunction in mouse livers depleted of iron chaperone PCBP1. <i>Free Radical Biology and Medicine</i> , 2021, 175, 18-27.	1.3	21
40	Individual and combined applications of biochar and pyrolytic acid mitigate dissemination of antibiotic resistance genes in agricultural soil. <i>Science of the Total Environment</i> , 2021, 796, 148962.	3.9	37
41	Functionalized polystyrene nanoplastic-induced energy homeostasis imbalance and the immunomodulation dysfunction of marine clams (<i>Meretrix meretrix</i>) at environmentally relevant concentrations. <i>Environmental Science: Nano</i> , 2021, 8, 2030-2048.	2.2	25
42	Belt Uniform Sowing Pattern Boosts Yield of Different Winter Wheat Cultivars in Southwest China. <i>Agriculture (Switzerland)</i> , 2021, 11, 1077.	1.4	2
43	Editorial: Water recycling and low-carbon development. <i>Journal of Water Reuse and Desalination</i> , 2021, 11, iii-iv.	1.2	0
44	Biochar for Water and Soil Remediation: Production, Characterization, and Application. , 2020, , 153-196.		13
45	Regioselective oxidation of tetracycline by permanganate through alternating susceptible moiety and increasing electron donating ability. <i>Journal of Environmental Sciences</i> , 2020, 87, 281-288.	3.2	17
46	Comparative study of individual and Co-Application of biochar and wood vinegar on blueberry fruit yield and nutritional quality. <i>Chemosphere</i> , 2020, 246, 125699.	4.2	66
47	Polystyrene microplastics impaired the feeding and swimming behavior of mysid shrimp <i>Neomysis japonica</i> . <i>Marine Pollution Bulletin</i> , 2020, 150, 110660.	2.3	49
48	Biochar reduced Chinese chive (<i>Allium tuberosum</i>) uptake and dissipation of thiamethoxam in an agricultural soil. <i>Journal of Hazardous Materials</i> , 2020, 390, 121749.	6.5	41
49	Yield components, reproductive allometry and the tradeoff between grain yield and yield stability in dryland spring wheat. <i>Field Crops Research</i> , 2020, 257, 107930.	2.3	22
50	Effects of Tensile Stress and Soil Burial on Mechanical and Chemical Degradation Potential of Agricultural Plastic Films. <i>Sustainability</i> , 2020, 12, 7985.	1.6	10
51	Pyrolytic acid mitigated dissemination of antibiotic resistance genes in soil. <i>Environment International</i> , 2020, 145, 106158.	4.8	29
52	Unaltered soil microbial community composition, but decreased metabolic activity in a semiarid grassland after two years of passive experimental warming. <i>Ecology and Evolution</i> , 2020, 10, 12327-12340.	0.8	12
53	Effect of traditional soybean breeding on water use strategy in arid and semi-arid areas. <i>European Journal of Agronomy</i> , 2020, 120, 126128.	1.9	12
54	The Use of Folate/Zinc Supramolecular Hydrogels to Increase Droplet Deposition on <i>Chenopodium album</i> L. Leaves. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 12911-12919.	3.2	10

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55	Predicting Gram-Positive Bacterial Protein Subcellular Location by Using Combined Features. <i>BioMed Research International</i> , 2020, 2020, 1-8.	0.9	2
56	How Film Mulch Increases the Corn Yield by Improving the Soil Moisture and Temperature in the Early Growing Period in a Cool, Semi-Arid Area. <i>Agronomy</i> , 2020, 10, 1195.	1.3	6
57	Greater Biofilm Formation and Increased Biodegradation of Polyethylene Film by a Microbial Consortium of <i>Arthrobacter</i> sp. and <i>Streptomyces</i> sp.. <i>Microorganisms</i> , 2020, 8, 1979.	1.6	49
58	Ridgeâ€farrow plastic film mulching farming for sustainable dryland agriculture on the Chinese loess plateau. <i>Agronomy Journal</i> , 2020, 112, 3284-3294.	0.9	33
59	Irrigation during Flowering Improves Subsoil Water Uptake and Grain Yield in Rainfed Soybean. <i>Agronomy</i> , 2020, 10, 120.	1.3	15
60	Nitrogen, Phosphorus, and Potassium Resorption Responses of Alfalfa to Increasing Soil Water and P Availability in a Semi-Arid Environment. <i>Agronomy</i> , 2020, 10, 310.	1.3	8
61	Compensatory Thermal Adaptation of Soil Microbial Respiration Rates in Global Croplands. <i>Global Biogeochemical Cycles</i> , 2020, 34, e2019GB006507.	1.9	13
62	High Soybean Yield and Drought Adaptation Being Associated with Canopy Architecture, Water Uptake, and Root Traits. <i>Agronomy</i> , 2020, 10, 608.	1.3	17
63	Accelerated grain-filling rate increases seed size and grain yield of recent naked oat cultivars under well-watered and water-deficit conditions. <i>European Journal of Agronomy</i> , 2020, 116, 126047.	1.9	3
64	Predicting Cell Wall Lytic Enzymes Using Combined Features. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 627335.	2.0	3
65	Identifying Heat Shock Protein Families from Imbalanced Data by Using Combined Features. <i>Computational and Mathematical Methods in Medicine</i> , 2020, 2020, 1-11.	0.7	7
66	Higher precipitation storage efficiency in nongrowing season ensures the success of dryland rainâ€fed agricultural system. <i>Agronomy Journal</i> , 2020, 112, 3653-3666.	0.9	8
67	Response of chickpea to foliar supply of Hoaglandâ€™s solution under rain-fed condition. <i>Semina: Ciencias Agrarias</i> , 2020, 41, 3053-3066.	0.1	4
68	Goat track networks facilitate efficiency in movement and foraging. <i>Landscape Ecology</i> , 2019, 34, 2033-2044.	1.9	5
69	Sequential defoliation impacts on colonisation of roots of <i>Lolium rigidum</i> by arbuscular mycorrhizal fungi were primarily determined by root responses. <i>Biology and Fertility of Soils</i> , 2019, 55, 789-800.	2.3	9
70	Root proliferation in response to neighbouring roots in wheat (<i>Triticum aestivum</i>). <i>Basic and Applied Ecology</i> , 2019, 39, 10-14.	1.2	20
71	Phosphorus application increases root growth, improves daily water use during the reproductive stage, and increases grain yield in soybean subjected to water shortage. <i>Environmental and Experimental Botany</i> , 2019, 166, 103816.	2.0	32
72	Film mulch with irrigation and rainfed cultivations improves maize production and water use efficiency in Ethiopia. <i>Annals of Applied Biology</i> , 2019, 175, 215-227.	1.3	10

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73	Exogenous ABA Induces Osmotic Adjustment, Improves Leaf Water Relations and Water Use Efficiency, But Not Yield in Soybean under Water Stress. <i>Agronomy</i> , 2019, 9, 395.	1.3	24
74	Water-conserving and biomass-allocation traits are associated with higher yields in modern cultivars compared to landraces of soybean [<i>Glycine max</i> (L.) Merr.] in rainfed water-limited environments. <i>Environmental and Experimental Botany</i> , 2019, 168, 103883.	2.0	10
75	Integrated model and field experiment to determine the optimum planting density in plastic film mulched rainfed agriculture. <i>Agricultural and Forest Meteorology</i> , 2019, 268, 331-340.	1.9	18
76	Comparative response to drought in primitive and modern wheat: a cue on domestication. <i>Planta</i> , 2019, 250, 629-642.	1.6	15
77	Effect of co-application of wood vinegar and biochar on seed germination and seedling growth. <i>Journal of Soils and Sediments</i> , 2019, 19, 3934-3944.	1.5	44
78	Topographic influences on soil properties and aboveground biomass in lucerne-rich vegetation in a semi-arid environment. <i>Geoderma</i> , 2019, 344, 137-143.	2.3	38
79	Sulfonate-Functionalized Mesoporous Silica Nanoparticles as Carriers for Controlled Herbicide Diquat Dibromide Release through Electrostatic Interaction. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1330.	1.8	36
80	Effect of oxygen supply strategy on nitrogen removal of biochar-based vertical subsurface flow constructed wetland: Intermittent aeration and tidal flow. <i>Chemosphere</i> , 2019, 223, 366-374.	4.2	69
81	Migration of Rural Residents to Urban Areas Drives Grassland Vegetation Increase in China's Loess Plateau. <i>Sustainability</i> , 2019, 11, 6764.	1.6	16
82	Fate of four phthalate esters with presence of <i>Karenia brevis</i> : Uptake and biodegradation. <i>Aquatic Toxicology</i> , 2019, 206, 81-90.	1.9	23
83	Effects of agriculture, climate, and policy on NDVI change in a semi-arid river basin of the Chinese Loess Plateau. <i>Arid Land Research and Management</i> , 2019, 33, 321-338.	0.6	9
84	Differential toxicity of functionalized polystyrene microplastics to clams (<i>Meretrix meretrix</i>) at three key development stages of life history. <i>Marine Pollution Bulletin</i> , 2019, 139, 346-354.	2.3	54
85	Characteristics and mechanisms of chlorpyrifos and chlorpyrifos-methyl adsorption onto biochars: Influence of deashing and low molecular weight organic acid (LMWOA) aging and co-existence. <i>Science of the Total Environment</i> , 2019, 657, 953-962.	3.9	62
86	Impacts of climate change and human activities on grassland vegetation variation in the Chinese Loess Plateau. <i>Science of the Total Environment</i> , 2019, 660, 236-244.	3.9	236
87	Evolutionary agroecology: Trends in root architecture during wheat breeding. <i>Evolutionary Applications</i> , 2019, 12, 733-743.	1.5	50
88	Effect of surfactant concentration on the evaporation of droplets on cotton (<i>Gossypium hirsutum</i>) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	2.5	33
89	Potential dermal and inhalation exposure to imidacloprid and risk assessment among applicators during treatment in cotton field in China. <i>Science of the Total Environment</i> , 2018, 624, 1195-1201.	3.9	27
90	Impacts of warming and nitrogen addition on soil autotrophic and heterotrophic respiration in a semi-arid environment. <i>Agricultural and Forest Meteorology</i> , 2018, 248, 449-457.	1.9	54

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91	Pyrolysis of <i>Arundo donax</i> L. to produce pyrolytic vinegar and its effect on the growth of dinoflagellate <i>Karenia brevis</i> . <i>Bioresource Technology</i> , 2018, 247, 273-281.	4.8	44
92	A regional evaluation of plastic film mulching for improving crop yields on the Loess Plateau of China. <i>Agricultural and Forest Meteorology</i> , 2018, 248, 458-468.	1.9	128
93	Responses of soil microorganisms, carbon and nitrogen to freeze-thaw cycles in diverse land-use types. <i>Applied Soil Ecology</i> , 2018, 124, 211-217.	2.1	41
94	Loss of renal SNX5 results in impaired IDE activity and insulin resistance in mice. <i>Diabetologia</i> , 2018, 61, 727-737.	2.9	16
95	Alfalfa forage yield, soil water and P availability in response to plastic film mulch and P fertilization in a semiarid environment. <i>Field Crops Research</i> , 2018, 215, 94-103.	2.3	70
96	The effects of plastic-film mulch on the grain yield and root biomass of maize vary with cultivar in a cold semiarid environment. <i>Field Crops Research</i> , 2018, 216, 89-99.	2.3	70
97	Adoption of Conservation Tillage on the Semi-Arid Loess Plateau of Northwest China. <i>Sustainability</i> , 2018, 10, 2621.	1.6	17
98	Quantitative Detection of Clogging in Horizontal Subsurface Flow Constructed Wetland Using the Resistivity Method. <i>Water (Switzerland)</i> , 2018, 10, 1334.	1.2	7
99	Plastic-film mulch and fertilization rate affect the fate of urea-15N in maize production. <i>Nutrient Cycling in Agroecosystems</i> , 2018, 112, 403-416.	1.1	19
100	Plastic film mulch promotes high alfalfa production with phosphorus-saving and low risk of soil nitrogen loss. <i>Field Crops Research</i> , 2018, 229, 44-54.	2.3	26
101	Enhancement of Spirotetramat Transfer in Cucumber Plant Using Mesoporous Silica Nanoparticles as Carriers. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 11592-11600.	2.4	55
102	Benefits and limitations to straw- and plastic-film mulch on maize yield and water use efficiency: A meta-analysis across hydrothermal gradients. <i>European Journal of Agronomy</i> , 2018, 99, 138-147.	1.9	113
103	Comparison of six digestion methods on fluorescent intensity and morphology of the fluorescent polystyrene beads. <i>Marine Pollution Bulletin</i> , 2018, 131, 515-524.	2.3	26
104	Influence of Field Soil Drought Stress on Some Key Physiological, Yield and Quality Traits of Selected Newly-Developed Hexaploid Bread Wheat (<i>Triticum aestivum</i> L.) Cultivars. <i>Sains Malaysiana</i> , 2018, 47, 2625-2635.	0.3	7
105	Plant toxin $\hat{1}$ -ODAP activates integrin $\hat{2}$ 1 and focal adhesion: A critical pathway to cause neurolathyrism. <i>Scientific Reports</i> , 2017, 7, 40677.	1.6	18
106	Ridge-furrow plastic-mulching with balanced fertilization in rainfed maize (<i>Zea mays</i> L.): An adaptive management in east African Plateau. <i>Agricultural and Forest Meteorology</i> , 2017, 236, 100-112.	1.9	131
107	Recently-released genotypes of naked oat (<i>Avena nuda</i> L.) out-yield early releases under water-limited conditions by greater reproductive allocation and desiccation tolerance. <i>Field Crops Research</i> , 2017, 204, 169-179.	2.3	20
108	A method of designing smartphone interface based on the extended user's mental model. , 2017, , .		0

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109	Nitrogen fertilization decreases the decomposition of soil organic matter and plant residues in planted soils. <i>Soil Biology and Biochemistry</i> , 2017, 112, 47-55.	4.2	90
110	Continuous plastic-film mulching increases soil aggregation but decreases soil pH in semiarid areas of China. <i>Soil and Tillage Research</i> , 2017, 167, 46-53.	2.6	79
111	Ridge-furrow mulched with plastic film increases little in carbon dioxide efflux but much significant in biomass in a semiarid rainfed farming system. <i>Agricultural and Forest Meteorology</i> , 2017, 244-245, 33-41.	1.9	53
112	Visual Determination of Potential Dermal and Inhalation Exposure Using Allura Red As an Environmentally Friendly Pesticide Surrogate. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 3882-3889.	3.2	27
113	Seed germination of <i>Caragana</i> species from different regions is strongly driven by environmental cues and not phylogenetic signals. <i>Scientific Reports</i> , 2017, 7, 11248.	1.6	28
114	Evolutionary agroecology: individual fitness and population yield in wheat (<i>Triticum aestivum</i>). <i>Ecology</i> , 2017, 98, 2261-2266.	1.5	65
115	Comparative toxicity of the plasticizer dibutyl phthalate to two freshwater algae. <i>Aquatic Toxicology</i> , 2017, 191, 122-130.	1.9	87
116	Yield-phenology relations and water use efficiency of maize (<i>Zea mays</i> L.) in ridge-furrow mulching system in semiarid east African Plateau. <i>Scientific Reports</i> , 2017, 7, 3260.	1.6	25
117	Does long-term plastic film mulching really decrease sequestration of organic carbon in soil in the Loess Plateau?. <i>European Journal of Agronomy</i> , 2017, 89, 53-60.	1.9	67
118	Effects of Drought Stress on Morphophysiological Traits, Biochemical Characteristics, Yield, and Yield Components in Different Ploidy Wheat. <i>Advances in Agronomy</i> , 2017, , 139-173.	2.4	42
119	Is crop biomass and soil carbon storage sustainable with long-term application of full plastic film mulching under future climate change?. <i>Agricultural Systems</i> , 2017, 150, 67-77.	3.2	59
120	Conserved water use improves the yield performance of soybean (<i>Glycine max</i> (L.) Merr.) under drought. <i>Agricultural Water Management</i> , 2017, 179, 236-245.	2.4	74
121	Genotypic Variation in Yield, Yield Components, Root Morphology and Architecture, in Soybean in Relation to Water and Phosphorus Supply. <i>Frontiers in Plant Science</i> , 2017, 8, 1499.	1.7	62
122	Evaporation kinetics of surfactant solution droplets on rice (<i>Oryza sativa</i>) leaves. <i>PLoS ONE</i> , 2017, 12, e0176870.	1.1	18
123	Soil carbon sequestration by three perennial legume pastures is greater in deeper soil layers than in the surface soil. <i>Biogeosciences</i> , 2016, 13, 527-534.	1.3	35
124	Quaternized Chitosan-Capped Mesoporous Silica Nanoparticles as Nanocarriers for Controlled Pesticide Release. <i>Nanomaterials</i> , 2016, 6, 126.	1.9	122
125	Livestock tracks transform resource distribution on terracette landscapes of the Loess Plateau. <i>Ecosphere</i> , 2016, 7, e01337.	1.0	11
126	Aging of Zerovalent Iron in Synthetic Groundwater: X-ray Photoelectron Spectroscopy Depth Profiling Characterization and Depassivation with Uniform Magnetic Field. <i>Environmental Science & Technology</i> , 2016, 50, 8214-8222.	4.6	97

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127	Poly(rC)-Binding Protein 2 Regulates Hippo Signaling To Control Growth in Breast Epithelial Cells. <i>Molecular and Cellular Biology</i> , 2016, 36, 2121-2131.	1.1	13
128	Detection of phthalate esters in seawater by stir bar sorptive extraction and gas chromatography–mass spectrometry. <i>Marine Pollution Bulletin</i> , 2016, 108, 163-170.	2.3	33
129	Hydrological and ecological responses of ecosystems to extreme precipitation regimes: A test of empirical-based hypotheses with an ecosystem model. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2016, 22, 36-46.	1.1	23
130	Ridge-furrow mulching system in semiarid Kenya: A promising solution to improve soil water availability and maize productivity. <i>European Journal of Agronomy</i> , 2016, 80, 124-136.	1.9	94
131	Exploring micro-field water-harvesting farming system in dryland wheat (<i>Triticum aestivum</i> L.): An innovative management for semiarid Kenya. <i>Field Crops Research</i> , 2016, 196, 207-218.	2.3	36
132	Forage yield, soil water depletion, shoot nitrogen and phosphorus uptake and concentration, of young and old stands of alfalfa in response to nitrogen and phosphorus fertilisation in a semiarid environment. <i>Field Crops Research</i> , 2016, 198, 247-257.	2.3	52
133	<i>Medicago sativa</i> improves soil carbon sequestration following revegetation of degraded arable land in a semi-arid environment on the Loess Plateau, China. <i>Agriculture, Ecosystems and Environment</i> , 2016, 232, 93-100.	2.5	27
134	Multi-site assessment of the effects of plastic-film mulch on the soil organic carbon balance in semiarid areas of China. <i>Agricultural and Forest Meteorology</i> , 2016, 228-229, 42-51.	1.9	126
135	Identifying anticancer peptides by using improved hybrid compositions. <i>Scientific Reports</i> , 2016, 6, 33910.	1.6	44
136	Inhibitory mechanism of phthalate esters on <i>Karenia brevis</i> . <i>Chemosphere</i> , 2016, 155, 498-508.	4.2	23
137	Old and New Cultivars of Soya Bean (<i>Glycine max</i> L.) Subjected to Soil Drying Differ in Abscisic Acid Accumulation, Water Relations Characteristics and Yield. <i>Journal of Agronomy and Crop Science</i> , 2016, 202, 372-383.	1.7	30
138	Alternate or equal ridge–furrow pattern: Which is better for maize production in the rain-fed semi-arid Loess Plateau of China?. <i>Field Crops Research</i> , 2016, 191, 131-138.	2.3	51
139	Multi-site assessment of the effects of plastic-film mulch on dryland maize productivity in semiarid areas in China. <i>Agricultural and Forest Meteorology</i> , 2016, 220, 160-169.	1.9	117
140	Effects of legume species introduction on vegetation and soil nutrient development on abandoned croplands in a semi-arid environment on the Loess Plateau, China. <i>Science of the Total Environment</i> , 2016, 541, 692-700.	3.9	54
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