

Jinyang Wang

List of Publications by Citations

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77
papers

2,689
citations

27
h-index

50
g-index

88
ext. papers

3,414
ext. citations

6.3
avg, IF

5.57
L-index

#	Paper	IF	Citations
77	Biochar stability in soil: meta-analysis of decomposition and priming effects. <i>GCB Bioenergy</i> , 2016 , 8, 512-523	5.6	498
76	Effects of biochar amendment in two soils on greenhouse gas emissions and crop production. <i>Plant and Soil</i> , 2012 , 360, 287-298	4.2	195
75	Can knowledge-based N management produce more staple grain with lower greenhouse gas emission and reactive nitrogen pollution? A meta-analysis. <i>Global Change Biology</i> , 2017 , 23, 1917-1925	11.4	173
74	Effects of biochar addition on N ₂ O and CO ₂ emissions from two paddy soils. <i>Biology and Fertility of Soils</i> , 2011 , 47, 887-896	6.1	113
73	Effect of miR-21 on renal fibrosis by regulating MMP-9 and TIMP1 in kk-ay diabetic nephropathy mice. <i>Cell Biochemistry and Biophysics</i> , 2013 , 67, 537-46	3.2	111
72	Water regime–nitrogen fertilizer–straw incorporation interaction: Field study on nitrous oxide emissions from a rice agroecosystem in Nanjing, China. <i>Agriculture, Ecosystems and Environment</i> , 2011 , 141, 437-446	5.7	108
71	Methane emissions from a rice agroecosystem in South China: Effects of water regime, straw incorporation and nitrogen fertilizer. <i>Nutrient Cycling in Agroecosystems</i> , 2012 , 93, 103-112	3.3	72
70	N fertilization decreases soil organic matter decomposition in the rhizosphere. <i>Applied Soil Ecology</i> , 2016 , 108, 47-53	5	68
69	Fertilizer-induced emission factors and background emissions of N ₂ O from vegetable fields in China. <i>Atmospheric Environment</i> , 2011 , 45, 6923-6929	5.3	66
68	Mitigating net global warming potential and greenhouse gas intensities by substituting chemical nitrogen fertilizers with organic fertilization strategies in rice–wheat annual rotation systems in China: A 3-year field experiment. <i>Ecological Engineering</i> , 2015 , 81, 289-297	3.9	65
67	Response of rice production to elevated [CO ₂] and its interaction with rising temperature or nitrogen supply: a meta-analysis. <i>Climatic Change</i> , 2015 , 130, 529-543	4.5	63
66	Astrocyte elevated gene-1(AEG-1) induces epithelial-mesenchymal transition in lung cancer through activating Wnt/β-catenin signaling. <i>BMC Cancer</i> , 2015 , 15, 107	4.8	61
65	The quality and quantity of exogenous organic carbon input control microbial NO ₃ ⁻ immobilization: A meta-analysis. <i>Soil Biology and Biochemistry</i> , 2017 , 115, 357-363	7.5	59
64	Combined effects of nitrogen deposition and biochar application on emissions of N ₂ O, CO ₂ and NH ₃ from agricultural and forest soils. <i>Soil Science and Plant Nutrition</i> , 2014 , 60, 254-265	1.6	57
63	Nitrogen fertilization increases rhizodeposit incorporation into microbial biomass and reduces soil organic matter losses. <i>Biology and Fertility of Soils</i> , 2017 , 53, 419-429	6.1	52
62	Mitigation of nitrous oxide emissions from paddy soil under conventional and no-till practices using nitrification inhibitors during the winter wheat-growing season. <i>Biology and Fertility of Soils</i> , 2013 , 49, 627-635	6.1	49
61	Global analysis of agricultural soil denitrification in response to fertilizer nitrogen. <i>Science of the Total Environment</i> , 2018 , 616-617, 908-917	10.2	47

60	Biomimetic anti-inflammatory nano-capsule serves as a cytokine blocker and M2 polarization inducer for bone tissue repair. <i>Acta Biomaterialia</i> , 2020 , 102, 416-426	10.8	43
59	Integrating agronomic practices to reduce greenhouse gas emissions while increasing the economic return in a rice-based cropping system. <i>Agriculture, Ecosystems and Environment</i> , 2016 , 231, 24-33	5.7	36
58	Methane and nitrous oxide emissions as affected by organic/inorganic mixed fertilizer from a rice paddy in southeast China. <i>Journal of Soils and Sediments</i> , 2013 , 13, 1408-1417	3.4	36
57	Downregulation of miR-30c promotes renal fibrosis by target CTGF in diabetic nephropathy. <i>Journal of Diabetes and Its Complications</i> , 2016 , 30, 406-14	3.2	33
56	Impact of manure on soil biochemical properties: A global synthesis. <i>Science of the Total Environment</i> , 2020 , 745, 141003	10.2	33
55	Contrasting effects of aged and fresh biochars on glucose-induced priming and microbial activities in paddy soil. <i>Journal of Soils and Sediments</i> , 2016 , 16, 191-203	3.4	32
54	Effects of biochar amendment on greenhouse gas emissions, net ecosystem carbon budget and properties of an acidic soil under intensive vegetable production. <i>Soil Use and Management</i> , 2015 , 31, 375-383	3.1	31
53	Target Reprogramming Lysosomes of CD8+ T Cells by a Mineralized Metal-Organic Framework for Cancer Immunotherapy. <i>Advanced Materials</i> , 2021 , 33, e2100616	24	30
52	Global warming potential and greenhouse gas intensity in rice agriculture driven by high yields and nitrogen use efficiency. <i>Biogeosciences</i> , 2016 , 13, 2701-2714	4.6	27
51	Greenhouse gas emissions and reactive nitrogen releases from rice production with simultaneous incorporation of wheat straw and nitrogen fertilizer. <i>Biogeosciences</i> , 2016 , 13, 4569-4579	4.6	27
50	Greenhouse gas emissions during the seedling stage of rice agriculture as affected by cultivar type and crop density. <i>Biology and Fertility of Soils</i> , 2012 , 48, 589-595	6.1	24
49	No-till increases soil denitrification via its positive effects on the activity and abundance of the denitrifying community. <i>Soil Biology and Biochemistry</i> , 2020 , 142, 107706	7.5	24
48	Anti-inflammation effects of injectable platelet-rich fibrin via macrophages and dendritic cells. <i>Journal of Biomedical Materials Research - Part A</i> , 2020 , 108, 61-68	5.4	24
47	Increased soil release of greenhouse gases shrinks terrestrial carbon uptake enhancement under warming. <i>Global Change Biology</i> , 2020 , 26, 4601-4613	11.4	23
46	CaCO ₃ recrystallization in saline and alkaline soils. <i>Geoderma</i> , 2016 , 282, 1-8	6.7	22
45	Controlling variables and emission factors of methane from global rice fields. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 10419-10431	6.8	22
44	Biochar Effects on Rice Paddy: Meta-analysis. <i>Advances in Agronomy</i> , 2018 , 1-32	7.7	21
43	Molecular dynamics simulation of diffusion coefficients and structural properties of some alkylbenzenes in supercritical carbon dioxide at infinite dilution. <i>Journal of Chemical Physics</i> , 2014 , 140, 104501	3.9	21

42	Near-Infrared Light-Sensitive Nano Neuro-Immune Blocker Capsule Relieves Pain and Enhances the Innate Immune Response for Necrotizing Infection. <i>Nano Letters</i> , 2019 , 19, 5904-5914	11.5	19
41	Metformin ameliorates skeletal muscle insulin resistance by inhibiting miR-21 expression in a high-fat dietary rat model. <i>Oncotarget</i> , 2017 , 8, 98029-98039	3.3	18
40	The Impact of the Geometric Characteristics on the Hemodynamics in the Stenotic Coronary Artery. <i>PLoS ONE</i> , 2016 , 11, e0157490	3.7	17
39	Nitrogen deposition differentially affects soil gross nitrogen transformations in organic and mineral horizons. <i>Earth-Science Reviews</i> , 2020 , 201, 103033	10.2	17
38	Denitrification in upland of China: Magnitude and influencing factors. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016 , 121, 3060-3071	3.7	17
37	Preparation of magnetic activated carbon from waste rice husk for the determination of tetracycline antibiotics in water samples. <i>RSC Advances</i> , 2016 , 6, 112166-112174	3.7	15
36	Impacts of abiotic stresses on the physiology and metabolism of cool-season grasses: A review. <i>Food and Energy Security</i> , 2019 , 8, e00152	4.1	13
35	Effects of Chinese Medicine Tong xinluo on Diabetic Nephropathy via Inhibiting TGF- β -Induced Epithelial-to-Mesenchymal Transition. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014 , 2014, 123497	2.3	13
34	Macrocyclic hexanuclear zirconium(IV) complex bearing a bisaryloxyl N-heterocyclic-carbene ligand: Synthesis, structure, and catalytic properties. <i>Inorganic Chemistry Communication</i> , 2010 , 13, 433-435	3.1	13
33	Angiotensin II receptor blocker valsartan ameliorates cardiac fibrosis partly by inhibiting miR-21 expression in diabetic nephropathy mice. <i>Molecular and Cellular Endocrinology</i> , 2018 , 472, 149-158	4.4	13
32	A systematic study on the intradiffusion and structure of N,N-dimethylformamide/water mixtures: by experiment and molecular dynamics simulation. <i>RSC Advances</i> , 2016 , 6, 85603-85611	3.7	11
31	Synthesis, characterization and catalytic behaviors of water-soluble phosphine-sulfonato nickel methyl complexes bearing PEG-amine labile ligand. <i>Journal of Organometallic Chemistry</i> , 2010 , 695, 903-908	3.3	11
30	Soil N-oxide emissions decrease from intensive greenhouse vegetable fields by substituting synthetic N fertilizer with organic and bio-organic fertilizers. <i>Geoderma</i> , 2021 , 383, 114730	6.7	11
29	Modeling impacts of alternative practices on net global warming potential and greenhouse gas intensity from rice-wheat annual rotation in China. <i>PLoS ONE</i> , 2012 , 7, e45668	3.7	10
28	Effects of four years of elevated ozone on microbial biomass and extracellular enzyme activities in a semi-natural grassland. <i>Science of the Total Environment</i> , 2019 , 660, 260-268	10.2	10
27	Dual-Wavelength Photosensitive Nano-in-Micro Scaffold Regulates Innate and Adaptive Immune Responses for Osteogenesis. <i>Nano-Micro Letters</i> , 2020 , 13, 28	19.5	10
26	Rho A Regulates Epidermal Growth Factor-Induced Human Osteosarcoma MG63 Cell Migration. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	9
25	Short-term responses of greenhouse gas emissions and ecosystem carbon fluxes to elevated ozone and N fertilization in a temperate grassland. <i>Atmospheric Environment</i> , 2019 , 211, 204-213	5.3	7

24	Atmospheric Nitrogen and Phosphorus Deposition at Three Sites in Nanjing, China, and Possible Links to Nitrogen Deposition Sources. <i>Clean - Soil, Air, Water</i> , 2014 , 42, 1650-1659	1.6	7
23	Mechanical insights into the effect of fluctuation in soil moisture on nitrous oxide emissions from paddy soil. <i>Paddy and Water Environment</i> , 2017 , 15, 359-369	1.6	7
22	Net global warming potential and greenhouse gas intensity in rice agriculture driven by high yields and nitrogen use efficiency: a 5 year field study		7
21	Differential responses of soil nitrogen-oxide emissions to organic substitution for synthetic fertilizer and biochar amendment in a subtropical tea plantation. <i>GCB Bioenergy</i> , 2021 , 13, 1260-1274	5.6	6
20	Contrasting effects of elevated CO ₂ and warming on temperature sensitivity of soil organic matter decomposition in a Chinese paddy field. <i>Environmental Monitoring and Assessment</i> , 2015 , 188, 545	3.1	6
19	Carbon budget by priming in a biochar-amended soil. <i>European Journal of Soil Biology</i> , 2016 , 76, 26-34	2.9	6
18	Relative efficacy and stability of biological and synthetic nitrification inhibitors in a highly nitrifying soil: Evidence of apparent nitrification inhibition by linoleic acid and linolenic acid. <i>European Journal of Soil Science</i> ,	3.4	5
17	trans-1,2-Diphenylethylene Linked Isoindoline-1-ylidene Nickel(II) Halide Complexes: Synthesis, Structure, Dehydrogenation, and Catalytic Activity toward Olefin Homopolymerization. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 2093-2101	2.3	4
16	Synthesis, characterization of a novel anilido-iminato cobalt (II) complex and its application for addition polymerization of norbornene. <i>Inorganic Chemistry Communication</i> , 2009 , 12, 1193-1196	3.1	4
15	Transcription factor 7-like 2 promotes osteogenic differentiation and boron-induced bone repair via lipocalin 2. <i>Materials Science and Engineering C</i> , 2020 , 110, 110671	8.3	4
14	Greater nitrous and nitric oxide emissions from the soil between rows than under the canopy in subtropical tea plantations. <i>Geoderma</i> , 2021 , 398, 115105	6.7	4
13	Is Nitrous Oxide Reduction Primarily Regulated by the Fungi-to-Bacteria Abundance Ratio in Fertilized Soils?. <i>Pedosphere</i> , 2019 , 29, 569-576	5	3
12	Molecular dynamics simulation of diffusion and structure of n-alkane/n-alkanol mixtures at infinite dilution. <i>Journal of Molecular Liquids</i> , 2016 , 223, 489-496	6	3
11	The role and significance of endomorphin-1 and μ -opioid receptor in rats with endometriosis. <i>Gynecological Endocrinology</i> , 2016 , 32, 912-915	2.4	3
10	Year-round atmospheric wet and dry deposition of nitrogen and phosphorus on water and land surfaces in Nanjing, China. <i>Water Environment Research</i> , 2013 , 85, 514-21	2.8	2
9	Impact of organic fertilizer substitution and biochar amendment on net greenhouse gas budget in a tea plantation. <i>Agriculture, Ecosystems and Environment</i> , 2022 , 326, 107779	5.7	2
8	Individualized plasticity autograft mimic with efficient bioactivity inducing osteogenesis. <i>International Journal of Oral Science</i> , 2021 , 13, 14	27.9	2
7	Effect of Endomorphins on HUVECs Treated by ox-LDL and Its Related Mechanisms. <i>Journal of Diabetes Research</i> , 2016 , 2016, 9741483	3.9	2

6	Transcription factor 7-like 2-associated signaling mechanism in regulating cementum generation by the NF- κ B pathway. <i>Journal of Cellular Physiology</i> , 2019 , 234, 20790-20800	7	1
5	Fertilizer-induced nitrous oxide emissions from global orchards and its estimate of China. <i>Agriculture, Ecosystems and Environment</i> , 2022 , 328, 107854	5.7	1
4	Break monopoly of polarization: CD301b+ macrophages play positive roles in osteoinduction of calcium phosphate ceramics. <i>Applied Materials Today</i> , 2021 , 24, 101111	6.6	1
3	Urinary albumin excretion rate: a risk factor for retinal hard exudates in macular region in type 2 diabetic patients. <i>Chinese Medical Journal</i> , 2014 , 127, 2293-8	2.9	1
2	Sulfonamide antibiotics alter gaseous nitrogen emissions in the soil-plant system: A mesocosm experiment and meta-analysis.. <i>Science of the Total Environment</i> , 2022 , 154230	10.2	1
1	Improving the accuracy of meta-analysis for datasets with missing measures of variance: Elevated [CO] effect on plant growth as a case study. <i>Science of the Total Environment</i> , 2022 , 806, 150669	10.2	