Xue-lin Wang

List of Publications by Year
in descending order

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57 papers	1,023 citations	361413 20 h-index	477307 29 g-index
58 all docs	58 docs citations	58 times ranked	995 citing authors

#	Article	IF	Citations
1	Kyropoulos growth and characterization of monoclinic Î±-Bi₂B₈O₁₅ single crystal with a noncentrosymmetric structure. CrystEngComm, 2022, 24, 379-388.	2.6	2
2	Biogeographical distribution and regulation of methanotrophs in Chinese paddy soils. European Journal of Soil Science, 2022, 73, .	3.9	5
3	Comprehensive Identification and Profiling of miRNAs Involved in Terpenoid Synthesis of Gleditsia sinensis Lam.. Forests, 2022, 13, 108.	2.1	8
4	Paeoniflorin-6â€²-o-benzene sulfonate ameliorates the progression of adjuvant-induced arthritis by inhibiting the interaction between Ahr and GRK2 of fibroblast-like synoviocytes. International Immunopharmacology, 2022, 108, 108678.	3.8	2
5	A new molecular nomenclature for Taenia hydatigena: mitochondrial DNA sequences reveal sufficient diversity suggesting the assignment of major haplotype divisions. Parasitology, 2021, 148, 311-326.	1.5	5
6	The effects of drug transporters on the efficacy of methotrexate in the treatment of rheumatoid arthritis. Life Sciences, 2021, 268, 118907.	4.3	9
7	CP-25 ameliorates methotrexate induced nephrotoxicity via improving renal apoptosis and methotrexate excretion. Journal of Pharmacological Sciences, 2021, 146, 21-28.	2.5	12
8	PCRâ€RFLP assay confirms the existence of different mitochondrial lineages of Taenia hydatigena including a possible geographically restricted group. Transboundary and Emerging Diseases, 2021, , .	3.0	0
9	Targeted inhibition of GRK2 kinase domain by CP-25 to reverse fibroblast-like synoviocytes dysfunction and improve collagen-induced arthritis in rats. Acta Pharmaceutica Sinica B, 2021, 11, 1835-1852.	12.0	35
10	Terraces mapping by using deep learning approach from remote sensing images and digital elevation models. Transactions in GIS, 2021, 25, 2438-2454.	2.3	10
11	Chronic sleep deprivation exacerbates cognitive and synaptic plasticity impairments in APP/PS1 transgenic mice. Behavioural Brain Research, 2021, 412, 113400.	2.2	13
12	Upconverting phosphor technology-based lateral flow assay for the rapid and sensitive detection of anti-Trichinella spiralis IgG antibodies in pig serum. Parasites and Vectors, 2021, 14, 487.	2.5	3
13	Advances and Perspectives of Transgenic Technology and Biotechnological Application in Forest Trees. Frontiers in Plant Science, 2021, 12, 786328.	3.6	10
14	Effects of Paeoniflorinâ€6â€™â€Oâ€benzene sulfonate on the pharmacokinetics, excretion, and tissue distribution of leflunomide in rats. Basic and Clinical Pharmacology and Toxicology, 2021, , .	2.5	2
15	Greenhouse gas emissions in a subtropical jasmine plantation managed with straw combined with industrial and agricultural wastes. Experimental Agriculture, 2020, 56, 280-292.	0.9	1
16	CP-25 improves nephropathy in collagen-induced arthritis rats by inhibiting the renal inflammatory response. International Immunopharmacology, 2020, 88, 106997.	3.8	5
17	Trichinella spiralis:inflammation modulator. Journal of Helminthology, 2020, 94, e193.	1.0	21
18	Development of genome-wide polymorphic microsatellite markers for Trichinella spiralis. Parasites and Vectors, 2020, 13, 58.	2.5	8

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19	Multiple tradeâ€offs between maximizing yield and minimizing greenhouse gas production in Chinese rice croplands. Land Degradation and Development, 2020, 31, 1287-1299.	3.9	12
20	Higher fluxes of C, N and P in plant/soil cycles associated with plant invasion in a subtropical estuarine wetland in China. Science of the Total Environment, 2020, 730, 139124.	8.0	12
21	Suvorexant ameliorates cognitive impairments and pathology in APP/PS1 transgenic mice. Neurobiology of Aging, 2020, 91, 66-75.	3.1	34
22	The Effect of Suction Side Tubercles on Torque Output of a Steam Turbine Low-Pressure Last Stage Blade. Energies, 2020, 13, 1889.	3.1	2
23	CP-25 inhibits PGE2-induced angiogenesis by down-regulating EP4/AC/cAMP/PKA-mediated GRK2 translocation. Clinical Science, 2020, 134, 331-347.	4.3	25
24	Regulation of CP-25 on P-glycoprotein in synoviocytes of rats with adjuvant arthritis. Biomedicine and Pharmacotherapy, 2019, 119, 109432.	5.6	14
25	Methotrexate improves the anti-arthritic effects of Paeoniflorin-6'-O-benzene sulfonate by enhancing its pharmacokinetic properties in adjuvant-induced arthritis rats. Biomedicine and Pharmacotherapy, 2019, 112, 108644.	5.6	12
26	Regulatory effects of paeoniflorin-6â€²-O-benzene sulfonate (CP-25) on dendritic cells maturation and activation via PGE2-EP4 signaling in adjuvant-induced arthritic rats. Inflammopharmacology, 2019, 27, 997-1010.	3.9	12
27	GRK2 Mediated Abnormal Transduction of PGE2-EP4-cAMP-CREB Signaling Induces the Imbalance of Macrophages Polarization in Collagen-Induced Arthritis Mice. Cells, 2019, 8, 1596.	4.1	32
28	CP-25 combined with MTX/ LEF ameliorates the progression of adjuvant-induced arthritis by the inhibition on GRK2 translocation. Biomedicine and Pharmacotherapy, 2019, 110, 834-843.	5.6	40
29	CP-25 reverses prostaglandin E4 receptor desensitization-induced fibroblast-like synoviocyte dysfunction via the G protein-coupled receptor kinase 2 in autoimmune arthritis. Acta Pharmacologica Sinica, 2019, 40, 1029-1039.	6.1	32
30	The response of stocks of C, N, and P to plant invasion in the coastal wetlands of China. Global Change Biology, 2019, 25, 733-743.	9.5	72
31	Effects of steel slag and biochar amendments on CO2, CH4, and N2O flux, and rice productivity in a subtropical Chinese paddy field. Environmental Geochemistry and Health, 2019, 41, 1419-1431.	3.4	24
32	EFFECTS OF FERTILIZATION ON POREWATER NUTRIENTS, GREENHOUSE-GAS EMISSIONS AND RICE PRODUCTIVITY IN A SUBTROPICAL PADDY FIELD. Experimental Agriculture, 2019, 55, 395-411.	0.9	4
33	Î²2-adrenoceptor signaling reduction is involved in the inflammatory response of fibroblast-like synoviocytes from adjuvant-induced arthritic rats. Inflammopharmacology, 2019, 27, 271-279.	3.9	9
34	CPâ€25 Inhibits Methotrexateâ€Induced Apoptosis in Renal Tubular Epithelial Cells. FASEB Journal, 2019, 33, 671.5.	0.5	0
35	Kinetics Evaluation of IgM and IgG Levels in the Mice Infected with Experimentally Using ES Antigens from Different Developmental Stages of the Parasite. Iranian Journal of Parasitology, 2019, 14, 223-230.	0.6	4
36	STEEL SLAG AMENDMENT INCREASES NUTRIENT AVAILABILITY AND RICE YIELD IN A SUBTROPICAL PADDY FIELD IN CHINA. Experimental Agriculture, 2018, 54, 842-856.	0.9	8

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37	Effect of simulated acid rain on CO2, CH4 and N2O fluxes and rice productivity in a subtropical Chinese paddy field. Environmental Pollution, 2018, 243, 1196-1205.	7.5	25
38	Absorption and efflux characteristics of CP-25 in plasma and peripheral blood mononuclear cells of rats by UPLC-MS/MS. Biomedicine and Pharmacotherapy, 2018, 108, 1651-1657.	5.6	8
39	The effects of DMARDs on the expression and function of P-gp, MRPs, BCRP in the treatment of autoimmune diseases. Biomedicine and Pharmacotherapy, 2018, 105, 870-878.	5.6	18
40	Multi-objective flexible job shop scheduling problem usingÂvariable neighborhood evolutionary algorithm. Modern Physics Letters B, 2017, 31, 1740072.	1.9	10
41	Investigation of the potential and mechanism of clove for mitigating airborne particulate matter emission from stationary sources. Journal of Bionic Engineering, 2017, 14, 390-400.	5.0	5
42	Organic Cultivation of Jasmine and Tea Increases Carbon Sequestration by Changing Plant and Soil Stoichiometry. Agronomy Journal, 2016, 108, 1636-1648.	1.8	20
43	CP-25, a novel compound, protects against autoimmune arthritis by modulating immune mediators of inflammation and bone damage. Scientific Reports, 2016, 6, 26239.	3.3	56
44	CP-25 attenuates the inflammatory response of fibroblast-like synoviocytes co-cultured with BAFF-activated CD4+ T cells. Journal of Ethnopharmacology, 2016, 189, 194-201.	4.1	30
45	Absorption characteristic of paeoniflorin-6â€²-O-benzene sulfonate (CP-25) in in situ single-pass intestinal perfusion in rats. Xenobiotica, 2016, 46, 775-783.	1.1	30
46	JAK1-STAT3 blockade by JAK inhibitor SHR0302 attenuates inflammatory responses of adjuvant-induced arthritis rats and decreases Th17 and total BÂcells. Joint Bone Spine, 2016, 83, 525-532.	1.6	34
47	Adenovirus-mediated CCL20/IL-15 gene transfer enhances antitumor immunity in mice. Immunobiology, 2014, 219, 475-481.	1.9	6
48	Adenosine Deaminase Biosensor Combining Cationic Conjugated Polymer-Based FRET with Deoxyguanosine-Based Photoinduced Electron Transfer. ACS Applied Materials & Interfaces, 2014, 6, 21686-21691.	8.0	19
49	Water-Soluble Conjugated Polymer as a Platform for Adenosine Deaminase Sensing Based on Fluorescence Resonance Energy Transfer Technique. Analytical Chemistry, 2014, 86, 6433-6438.	6.5	43
50	Paeoniflorin inhibits inflammatory responses in mice with allergic contact dermatitis by regulating the balance between inflammatory and anti-inflammatory cytokines. Inflammation Research, 2013, 62, 1035-1044.	4.0	60
51	The Optical and Fluorescence Properties of Planar and Channel Waveguides in Laser Crystal Nd:SrGdGa$_{3}$O$_{7}$ Formed by Carbon Ion Implantation. Journal of Lightwave Technology, 2012, 30, 2163-2167.	4.6	3
52	In Vitro Synergy of Biochanin A and Ciprofloxacin against Clinical Isolates of Staphylococcus aureus. Molecules, 2011, 16, 6656-6666.	3.8	30
53	Low-loss planar and stripe waveguides in Nd3+-doped silicate glass produced by oxygen-ion implantation. Journal of Applied Physics, 2007, 101, 053112.	2.5	31
54	Planar optical waveguide in potassium titanyl arsenate formed by oxygen ion implantation at low doses. Applied Physics Letters, 2006, 88, 011114.	3.3	11

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55	Low-loss optical planar waveguides in YVO4 produced by silicon ion implantation at low doses. Journal of Applied Physics, 2003, 94, 4708-4710.	2.5	24
56	Optical waveguides formed in Nd:YVO4 by MeV Si+ implantation. Applied Physics Letters, 2002, 80, 3473-3475.	3.3	49
57	Monomode, nonleaky planar waveguides in a Nd3+-doped silicate glass produced by silicon ion implantation at low doses. Journal of Applied Physics, 2002, 92, 2959-2961.	2.5	12