

Xue-lin Wang

List of Publications by Year in descending order

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57
papers

1,023
citations

361413

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29
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58
all docs

58
docs citations

58
times ranked

995
citing authors

#	ARTICLE	IF	CITATIONS
1	The response of stocks of C, N, and P to plant invasion in the coastal wetlands of China. <i>Global Change Biology</i> , 2019, 25, 733-743.	9.5	72
2	Paeoniflorin inhibits inflammatory responses in mice with allergic contact dermatitis by regulating the balance between inflammatory and anti-inflammatory cytokines. <i>Inflammation Research</i> , 2013, 62, 1035-1044.	4.0	60
3	CP-25, a novel compound, protects against autoimmune arthritis by modulating immune mediators of inflammation and bone damage. <i>Scientific Reports</i> , 2016, 6, 26239.	3.3	56
4	Optical waveguides formed in Nd:YVO4 by MeV Si+ implantation. <i>Applied Physics Letters</i> , 2002, 80, 3473-3475.	3.3	49
5	Water-Soluble Conjugated Polymer as a Platform for Adenosine Deaminase Sensing Based on Fluorescence Resonance Energy Transfer Technique. <i>Analytical Chemistry</i> , 2014, 86, 6433-6438.	6.5	43
6	CP-25 combined with MTX/ LEF ameliorates the progression of adjuvant-induced arthritis by the inhibition on GRK2 translocation. <i>Biomedicine and Pharmacotherapy</i> , 2019, 110, 834-843.	5.6	40
7	Targeted inhibition of GRK2 kinase domain by CP-25 to reverse fibroblast-like synoviocytes dysfunction and improve collagen-induced arthritis in rats. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 1835-1852.	12.0	35
8	JAK1-STAT3 blockade by JAK inhibitor SHR0302 attenuates inflammatory responses of adjuvant-induced arthritis rats and decreases Th17 and total B cells. <i>Joint Bone Spine</i> , 2016, 83, 525-532.	1.6	34
9	Suvorexant ameliorates cognitive impairments and pathology in APP/PS1 transgenic mice. <i>Neurobiology of Aging</i> , 2020, 91, 66-75.	3.1	34
10	GRK2 Mediated Abnormal Transduction of PGE2-EP4-cAMP-CREB Signaling Induces the Imbalance of Macrophages Polarization in Collagen-Induced Arthritis Mice. <i>Cells</i> , 2019, 8, 1596.	4.1	32
11	CP-25 reverses prostaglandin E4 receptor desensitization-induced fibroblast-like synoviocyte dysfunction via the G protein-coupled receptor kinase 2 in autoimmune arthritis. <i>Acta Pharmacologica Sinica</i> , 2019, 40, 1029-1039.	6.1	32
12	Low-loss planar and stripe waveguides in Nd ³⁺ -doped silicate glass produced by oxygen-ion implantation. <i>Journal of Applied Physics</i> , 2007, 101, 053112.	2.5	31
13	In Vitro Synergy of Biochanin A and Ciprofloxacin against Clinical Isolates of <i>Staphylococcus aureus</i> . <i>Molecules</i> , 2011, 16, 6656-6666.	3.8	30
14	CP-25 attenuates the inflammatory response of fibroblast-like synoviocytes co-cultured with BAFF-activated CD4+ T cells. <i>Journal of Ethnopharmacology</i> , 2016, 189, 194-201.	4.1	30
15	Absorption characteristic of paeoniflorin-6-O-benzene sulfonate (CP-25) in <i>in situ</i> single-pass intestinal perfusion in rats. <i>Xenobiotica</i> , 2016, 46, 775-783.	1.1	30
16	Effect of simulated acid rain on CO ₂ , CH ₄ and N ₂ O fluxes and rice productivity in a subtropical Chinese paddy field. <i>Environmental Pollution</i> , 2018, 243, 1196-1205.	7.5	25
17	CP-25 inhibits PGE2-induced angiogenesis by down-regulating EP4/AC/cAMP/PKA-mediated GRK2 translocation. <i>Clinical Science</i> , 2020, 134, 331-347.	4.3	25
18	Low-loss optical planar waveguides in YVO4 produced by silicon ion implantation at low doses. <i>Journal of Applied Physics</i> , 2003, 94, 4708-4710.	2.5	24

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19	Effects of steel slag and biochar amendments on CO ₂ , CH ₄ , and N ₂ O flux, and rice productivity in a subtropical Chinese paddy field. <i>Environmental Geochemistry and Health</i> , 2019, 41, 1419-1431.	3.4	24
20	<i>Trichinella spiralis</i> inflammation modulator. <i>Journal of Helminthology</i> , 2020, 94, e193.	1.0	21
21	Organic Cultivation of Jasmine and Tea Increases Carbon Sequestration by Changing Plant and Soil Stoichiometry. <i>Agronomy Journal</i> , 2016, 108, 1636-1648.	1.8	20
22	Adenosine Deaminase Biosensor Combining Cationic Conjugated Polymer-Based FRET with Deoxyguanosine-Based Photoinduced Electron Transfer. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 21686-21691.	8.0	19
23	The effects of DMARDs on the expression and function of P-gp, MRPs, BCRP in the treatment of autoimmune diseases. <i>Biomedicine and Pharmacotherapy</i> , 2018, 105, 870-878.	5.6	18
24	Regulation of CP-25 on P-glycoprotein in synoviocytes of rats with adjuvant arthritis. <i>Biomedicine and Pharmacotherapy</i> , 2019, 119, 109432.	5.6	14
25	Chronic sleep deprivation exacerbates cognitive and synaptic plasticity impairments in APP/PS1 transgenic mice. <i>Behavioural Brain Research</i> , 2021, 412, 113400.	2.2	13
26	Monomode, nonleaky planar waveguides in a Nd ³⁺ -doped silicate glass produced by silicon ion implantation at low doses. <i>Journal of Applied Physics</i> , 2002, 92, 2959-2961.	2.5	12
27	Methotrexate improves the anti-arthritic effects of Paeoniflorin-6'-O-benzene sulfonate by enhancing its pharmacokinetic properties in adjuvant-induced arthritis rats. <i>Biomedicine and Pharmacotherapy</i> , 2019, 112, 108644.	5.6	12
28	Regulatory effects of paeoniflorin-6-O-benzene sulfonate (CP-25) on dendritic cells maturation and activation via PGE ₂ -EP ₄ signaling in adjuvant-induced arthritic rats. <i>Inflammopharmacology</i> , 2019, 27, 997-1010.	3.9	12
29	Multiple trade-offs between maximizing yield and minimizing greenhouse gas production in Chinese rice croplands. <i>Land Degradation and Development</i> , 2020, 31, 1287-1299.	3.9	12
30	Higher fluxes of C, N and P in plant/soil cycles associated with plant invasion in a subtropical estuarine wetland in China. <i>Science of the Total Environment</i> , 2020, 730, 139124.	8.0	12
31	CP-25 ameliorates methotrexate induced nephrotoxicity via improving renal apoptosis and methotrexate excretion. <i>Journal of Pharmacological Sciences</i> , 2021, 146, 21-28.	2.5	12
32	Planar optical waveguide in potassium titanyl arsenate formed by oxygen ion implantation at low doses. <i>Applied Physics Letters</i> , 2006, 88, 011114.	3.3	11
33	Multi-objective flexible job shop scheduling problem using variable neighborhood evolutionary algorithm. <i>Modern Physics Letters B</i> , 2017, 31, 1740072.	1.9	10
34	Terraces mapping by using deep learning approach from remote sensing images and digital elevation models. <i>Transactions in GIS</i> , 2021, 25, 2438-2454.	2.3	10
35	Advances and Perspectives of Transgenic Technology and Biotechnological Application in Forest Trees. <i>Frontiers in Plant Science</i> , 2021, 12, 786328.	3.6	10
36	Î² ₂ -adrenoceptor signaling reduction is involved in the inflammatory response of fibroblast-like synoviocytes from adjuvant-induced arthritic rats. <i>Inflammopharmacology</i> , 2019, 27, 271-279.	3.9	9

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37	The effects of drug transporters on the efficacy of methotrexate in the treatment of rheumatoid arthritis. <i>Life Sciences</i> , 2021, 268, 118907.	4.3	9
38	STEEL SLAG AMENDMENT INCREASES NUTRIENT AVAILABILITY AND RICE YIELD IN A SUBTROPICAL PADDY FIELD IN CHINA. <i>Experimental Agriculture</i> , 2018, 54, 842-856.	0.9	8
39	Absorption and efflux characteristics of CP-25 in plasma and peripheral blood mononuclear cells of rats by UPLC-MS/MS. <i>Biomedicine and Pharmacotherapy</i> , 2018, 108, 1651-1657.	5.6	8
40	Development of genome-wide polymorphic microsatellite markers for <i>Trichinella spiralis</i> . <i>Parasites and Vectors</i> , 2020, 13, 58.	2.5	8
41	Comprehensive Identification and Profiling of miRNAs Involved in Terpenoid Synthesis of <i>Gleditsia sinensis</i> Lam.. <i>Forests</i> , 2022, 13, 108.	2.1	8
42	Adenovirus-mediated CCL20/IL-15 gene transfer enhances antitumor immunity in mice. <i>Immunobiology</i> , 2014, 219, 475-481.	1.9	6
43	Investigation of the potential and mechanism of clove for mitigating airborne particulate matter emission from stationary sources. <i>Journal of Bionic Engineering</i> , 2017, 14, 390-400.	5.0	5
44	CP-25 improves nephropathy in collagen-induced arthritis rats by inhibiting the renal inflammatory response. <i>International Immunopharmacology</i> , 2020, 88, 106997.	3.8	5
45	A new molecular nomenclature for <i>Taenia hydatigena</i> : mitochondrial DNA sequences reveal sufficient diversity suggesting the assignment of major haplotype divisions. <i>Parasitology</i> , 2021, 148, 311-326.	1.5	5
46	Biogeographical distribution and regulation of methanotrophs in Chinese paddy soils. <i>European Journal of Soil Science</i> , 2022, 73, .	3.9	5
47	EFFECTS OF FERTILIZATION ON POREWATER NUTRIENTS, GREENHOUSE-GAS EMISSIONS AND RICE PRODUCTIVITY IN A SUBTROPICAL PADDY FIELD. <i>Experimental Agriculture</i> , 2019, 55, 395-411.	0.9	4
48	Kinetics Evaluation of IgM and IgG Levels in the Mice Infected with Experimentally Using ES Antigens from Different Developmental Stages of the Parasite. <i>Iranian Journal of Parasitology</i> , 2019, 14, 223-230.	0.6	4
49	The Optical and Fluorescence Properties of Planar and Channel Waveguides in Laser Crystal Nd:SrGdGa ₃ O ₇ Formed by Carbon Ion Implantation. <i>Journal of Lightwave Technology</i> , 2012, 30, 2163-2167.	4.6	3
50	Upconverting phosphor technology-based lateral flow assay for the rapid and sensitive detection of anti- <i>Trichinella spiralis</i> IgG antibodies in pig serum. <i>Parasites and Vectors</i> , 2021, 14, 487.	2.5	3
51	The Effect of Suction Side Tubercles on Torque Output of a Steam Turbine Low-Pressure Last Stage Blade. <i>Energies</i> , 2020, 13, 1889.	3.1	2
52	Kyropoulos growth and characterization of monoclinic Bi ₂ B ₈ O ₁₅ single crystal with a noncentrosymmetric structure. <i>CrystEngComm</i> , 2022, 24, 379-388.	2.6	2
53	Effects of Paeoniflorin-6- <i>o</i> -benzene sulfonate on the pharmacokinetics, excretion, and tissue distribution of leflunomide in rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2021, .	2.5	2
54	Paeoniflorin-6- <i>o</i> -benzene sulfonate ameliorates the progression of adjuvant-induced arthritis by inhibiting the interaction between Ahr and GRK2 of fibroblast-like synoviocytes. <i>International Immunopharmacology</i> , 2022, 108, 108678.	3.8	2

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55	Greenhouse gas emissions in a subtropical jasmine plantation managed with straw combined with industrial and agricultural wastes. <i>Experimental Agriculture</i> , 2020, 56, 280-292.	0.9	1
56	PCR-RFLP assay confirms the existence of different mitochondrial lineages of <i>Taenia hydatigena</i> including a possible geographically restricted group. <i>Transboundary and Emerging Diseases</i> , 2021, , .	3.0	0
57	CP-25 Inhibits Methotrexate-Induced Apoptosis in Renal Tubular Epithelial Cells. <i>FASEB Journal</i> , 2019, 33, 671.5.	0.5	0