

Ke Zhang

List of Publications by Year in descending order

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49
papers

893
citations

516710

16
h-index

526287

27
g-index

50
all docs

50
docs citations

50
times ranked

1158
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling of contact temperatures and their influence on the tribological performance of PEEK and PTFE in a dual-pin-on-disk tribometer. <i>Friction</i> , 2023, 11, 546-566.	6.4	10
2	Protective role of mRNA demethylase FTO on axon guidance molecules of nigro-striatal projection system in manganese-induced parkinsonism. <i>Journal of Hazardous Materials</i> , 2022, 426, 128099.	12.4	21
3	Hydrothermally synthesized ZnO-reduced graphene oxide nanocomposite for enhanced anticorrosion performance of waterborne epoxy coating. <i>Journal of Nanostructure in Chemistry</i> , 2022, 12, 277-289.	9.1	16
4	One-Pot Synthesis of Cyclopentenols from Vinylethylene Carbonates via Palladium-Catalyzed Decarboxylative Allylation and Cascade Oxidation-Cyclization. <i>Bulletin of the Chemical Society of Japan</i> , 2022, 95, 634-638.	3.2	5
5	Austenite Stability and Cryogenic Impact Toughness of a Lamellar Fe-Mn-Al-C Lightweight Structural Steel Subjected to Quenching and Tempering Process. <i>Journal of Materials Engineering and Performance</i> , 2022, 31, 5259-5268.	2.5	2
6	A novel polysaccharide prepared from <i>Chrysanthemum morifolium</i> cv. Fubaiju tea and its emulsifying properties. <i>International Journal of Food Science and Technology</i> , 2022, 57, 3385-3399.	2.7	2
7	ZmSKS13, a cupredoxin domain-containing protein, is required for maize kernel development via modulation of redox homeostasis. <i>New Phytologist</i> , 2021, 229, 2163-2178.	7.3	20
8	SLURRY EROSION BEHAVIORS OF COPPER ALLOY BARREL OF MEASUREMENT WHILE DRILLING. <i>Acta Metallurgica Slovaca</i> , 2021, 27, 36-42.	0.7	0
9	Effect of Ti/V ratio on thermodynamics and kinetics of MC in δ matrices of Ti-V microalloyed steels. <i>Journal of Iron and Steel Research International</i> , 2021, 28, 1019-1029.	2.8	7
10	Interaction between M(C, N) and Ferrite in Electropulsing Microalloyed Steel. <i>ISIJ International</i> , 2021, 61, 1550-1555.	1.4	1
11	Mechanical behaviors of graphene/copper matrix composite foils fabricated by pulse electrodeposition. <i>Surfaces and Interfaces</i> , 2021, 24, 101142.	3.0	10
12	3-Benzoylisoxazolines by 1,3-Dipolar Cycloaddition: Chloramine-T-Catalyzed Condensation of α -Nitroketones with Dipolarophiles. <i>Molecules</i> , 2021, 26, 3491.	3.8	5
13	Warm white light emitting from single composition SrGa ₁₂ O ₁₉ :Dy ³⁺ phosphors for AC-LED. <i>Journal of the American Ceramic Society</i> , 2020, 103, 335-345.	3.8	21
14	Silver nanoparticles enhanced luminescence and stability of CsPbBr ₃ perovskite quantum dots in borosilicate glass. <i>Journal of the American Ceramic Society</i> , 2020, 103, 2463-2470.	3.8	37
15	Polymorphisms of pfcrt, pfmdr1, and K13-propeller genes in imported falciparum malaria isolates from Africa in Guizhou province, China. <i>BMC Infectious Diseases</i> , 2020, 20, 513.	2.9	3
16	<i>Mycobacterium</i> Von Willebrand factor protein MSMEG_3641 is involved in biofilm formation and intracellular survival. <i>Future Microbiology</i> , 2020, 15, 1033-1044.	2.0	4
17	Case Report: Opportunities for Treatment of Severe COVID-19 Patients—Lessons From a Death Case. <i>Frontiers in Medicine</i> , 2020, 7, 533.	2.6	0
18	Effect of electropulsing on the precipitation of NbC _x from austenite phase. <i>Materials Science and Technology</i> , 2020, 36, 1566-1573.	1.6	1

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19	Identification of Circular RNA hsa_Circ_0003391 in Peripheral Blood Is Potentially Associated With Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 601965.	3.4	31
20	Isolation and characterization of a 295-bp strong promoter of maize high-affinity phosphate transporter gene <i>ZmPht1; 5</i> in transgenic <i>Nicotiana benthamiana</i> and <i>Zea mays</i> . <i>Planta</i> , 2020, 251, 106.	3.2	5
21	Polymorphonuclear Leukocyte Transendothelial Migration Proceeds at Blood-Brain Barrier in Neonatal Meningitis. <i>Frontiers in Microbiology</i> , 2020, 11, 969.	3.5	3
22	Neuroprotective Properties and Therapeutic Potential of Bone Marrow-Derived Microglia in Alzheimer's Disease. <i>American Journal of Alzheimer's Disease and Other Dementias</i> , 2020, 35, 153331752092716.	1.9	11
23	SH1-dependent maize seed development and starch synthesis via modulating carbohydrate flow and osmotic potential balance. <i>BMC Plant Biology</i> , 2020, 20, 264.	3.6	9
24	Broadband near-infrared emission enhancement in $K_2Ca_2Sn_6O_{16}:Cr^{3+}$ phosphor by electron-lattice coupling regulation. <i>Journal of the American Ceramic Society</i> , 2020, 103, 5067-5075.	3.8	54
25	Effects of ^{60}Co radiation on testis physiological aspects of <i>Plutella xylostella</i> (Linnaeus). <i>Ecotoxicology and Environmental Safety</i> , 2019, 169, 937-943.	6.0	8
26	Viscosity Measurements of Dialkyl Adipates in the Temperature Range of (283 to 363) K and up to 40 MPa. <i>International Journal of Thermophysics</i> , 2019, 40, 1.	2.1	8
27	Activation of brain endothelium by <i>Escherichia coli</i> K1 virulence factor <i>cglD</i> promotes polymorphonuclear leukocyte transendothelial migration. <i>Medical Microbiology and Immunology</i> , 2019, 208, 59-68.	4.8	4
28	Organotins in the aquatic media of secondary anabranches in the Three Gorges Reservoir Region, China. <i>Chemosphere</i> , 2019, 217, 232-242.	8.2	16
29	Precipitation Behavior and Microstructural Evolution of Ferritic Ti-Mo Complex Microalloyed Steel. <i>Acta Metallurgica Sinica (English Letters)</i> , 2018, 31, 997-1005.	2.9	19
30	Occurrence of organotins in the aquatic environment during an operating cycle of the Three Gorges Reservoir, China. <i>Environmental Science and Pollution Research</i> , 2018, 25, 1731-1741.	5.3	6
31	Potentials of low permeability gas in intracratonic basin: Insights from sedimentary facies of the Shan1 Member in the Su6Zhao42 Block of the Sulige gas field, Ordos Basin. <i>Geological Journal</i> , 2018, 53, 201-211.	1.3	1
32	Characterization of a strong and constitutive promoter from the <i>Arabidopsis</i> serine carboxypeptidase-like gene <i>AtSCPL30</i> as a potential tool for crop transgenic breeding. <i>BMC Biotechnology</i> , 2018, 18, 59.	3.3	42
33	<i>Caspr1</i> is a host receptor for meningitis-causing <i>Escherichia coli</i> . <i>Nature Communications</i> , 2018, 9, 2296.	12.8	38
34	<i>Mycobacterium tuberculosis</i> toxin <i>Rv2872</i> is an RNase involved in vancomycin stress response and biofilm development. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 7123-7133.	3.6	7
35	Spatiotemporal distribution and risk assessment of organotins in the surface water of the Three Gorges Reservoir Region, China. <i>Chemosphere</i> , 2017, 171, 405-414.	8.2	47
36	<i>Atg7</i> Regulates Brain Angiogenesis via NF- κ B-Dependent IL-6 Production. <i>International Journal of Molecular Sciences</i> , 2017, 18, 968.	4.1	22

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37	Isolation and Functional Validation of Salinity and Osmotic Stress Inducible Promoter from the Maize Type-II H ⁺ -Pyrophosphatase Gene by Deletion Analysis in Transgenic Tobacco Plants. <i>PLoS ONE</i> , 2016, 11, e0154041.	2.5	41
38	Precipitation behavior and mechanical properties of hot-rolled high strength Ti-Mo-bearing ferritic sheet steel: The great potential of nanometer-sized (Ti, Mo)C carbide. <i>Journal of Materials Research</i> , 2016, 31, 1254-1263.	2.6	26
39	Heavy metals in sediments, soils, and aquatic plants from a secondary anabranch of the three gorges reservoir region, China. <i>Environmental Science and Pollution Research</i> , 2016, 23, 10415-10425.	5.3	17
40	Intracerebral GM-CSF contributes to transendothelial monocyte migration in APP/PS1 Alzheimer's disease mice. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 1978-1991.	4.3	45
41	Development of Ti-Mo Complex Microalloyed Hot-Rolled 900-MPa-Grade High-Strength Steel. <i>Acta Metallurgica Sinica (English Letters)</i> , 2015, 28, 641-648.	2.9	53
42	Construction of genetic map and QTL analysis of fiber quality traits for Upland cotton (<i>Gossypium</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.2	99
43	⁶⁰ Co- ¹³ Irradiation Affects the Enzymatic Antioxidant System of the Citrus Red Mite <i>Panonychus citri</i> (Acari: Tetranychidae). <i>Molecules</i> , 2014, 19, 6382-6392.	3.8	10
44	Decreased Expression of Cathepsin D in Monocytes is Related to the Defective Degradation of Amyloid- β^2 in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2014, 42, 511-520.	2.6	31
45	CXCL1 Contributes to β^2 -Amyloid-Induced Transendothelial Migration of Monocytes in Alzheimer's Disease. <i>PLoS ONE</i> , 2013, 8, e72744.	2.5	58
46	Decision tree based unsupervised learning to network selection in heterogeneous wireless networks. , 2011, , .		7
47	A Non-Cooperative Game Approach for Bandwidth Allocation in Heterogeneous Wireless Networks. , 2011, , .		7
48	Strengthening Mechanisms of V-Ti-Mo Microalloyed 900 MPa Hot-Rolled Ferritic Steel. , 0, , 379-385.		1
49	Mechanical Properties and Precipitation Behaviors of a Low-Mo Nb-Ti Complex Microalloyed Fire-Resistant Steel with Two Kinds of Microstructure. <i>Steel Research International</i> , 0, , 2100515.	1.8	0