

Kui Zhu

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

3,019
citations

147726
31
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182361
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96
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96
docs citations

96
times ranked

3341
citing authors

#	ARTICLE	IF	CITATIONS
1	A broad-spectrum antibiotic adjuvant reverses multidrug-resistant Gram-negative pathogens. <i>Nature Microbiology</i> , 2020, 5, 1040-1050.	5.9	236
2	Gold Nanoclusters for Targeting Methicillin-Resistant <i>Staphylococcus aureus</i> In Vivo. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3958-3962.	7.2	190
3	Plant Natural Flavonoids Against Multidrug Resistant Pathogens. <i>Advanced Science</i> , 2021, 8, e2100749.	5.6	148
4	Metformin Restores Tetracyclines Susceptibility against Multidrug Resistant Bacteria. <i>Advanced Science</i> , 2020, 7, 1902227.	5.6	104
5	Nonribosomal antibacterial peptides that target multidrug-resistant bacteria. <i>Natural Product Reports</i> , 2019, 36, 573-592.	5.2	103
6	Programmable assembly of pressure sensors using pattern-forming bacteria. <i>Nature Biotechnology</i> , 2017, 35, 1087-1093.	9.4	94
7	Functionalized Gold Nanoclusters Identify Highly Reactive Oxygen Species in Living Organisms. <i>Advanced Functional Materials</i> , 2018, 28, 1702026.	7.8	92
8	A Biosurfactant-Inspired Heptapeptide with Improved Specificity to Kill MRSA. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1486-1490.	7.2	89
9	Natural Products That Target Virulence Factors in Antibiotic-Resistant <i>Staphylococcus aureus</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 13195-13211.	2.4	89
10	Quantification of Proteins by Functionalized Gold Nanoparticles Using Click Chemistry. <i>Analytical Chemistry</i> , 2012, 84, 4267-4270.	3.2	82
11	The ameliorative effects of boron against acrylamide-induced oxidative stress, inflammatory response, and metabolic changes in rats. <i>Food and Chemical Toxicology</i> , 2018, 118, 745-752.	1.8	79
12	Antibacterial Effect and Mode of Action of Flavonoids From Licorice Against Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 2489.	1.5	73
13	A Biosurfactant-Inspired Heptapeptide with Improved Specificity to Kill MRSA. <i>Angewandte Chemie</i> , 2017, 129, 1508-1512.	1.6	67
14	Natural Flavones from <i>Morus alba</i> against Methicillin-Resistant <i>Staphylococcus aureus</i> via Targeting the Proton Motive Force and Membrane Permeability. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 10222-10234.	2.4	67
15	Enzymatic Assay for Cu(II) with Horseradish Peroxidase and Its Application in Colorimetric Logic Gate. <i>Analytical Chemistry</i> , 2013, 85, 7029-7032.	3.2	65
16	Development of a Microsphere-Based Fluorescence Immunochromatographic Assay for Monitoring Lincomycin in Milk, Honey, Beef, and Swine Urine. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 12061-12066.	2.4	65
17	Probiotic <i>Bacillus cereus</i> Strains, a Potential Risk for Public Health in China. <i>Frontiers in Microbiology</i> , 2016, 7, 718.	1.5	63
18	Bisphenol-A induced oxidative stress, inflammatory gene expression, and metabolic and histopathological changes in male Wistar albino rats: protective role of boron. <i>Toxicology Research</i> , 2019, 8, 262-269.	0.9	58

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19	Macrolides induce severe cardiotoxicity and developmental toxicity in zebrafish embryos. <i>Science of the Total Environment</i> , 2019, 649, 1414-1421.	3.9	58
20	Universal antibiotic tolerance arising from antibiotic-triggered accumulation of pyocyanin in <i>Pseudomonas aeruginosa</i> . <i>PLoS Biology</i> , 2019, 17, e3000573.	2.6	54
21	Simultaneous detection of multiple chemical residues in milk using broad-specificity antibodies in a hybrid immunosorbent assay. <i>Biosensors and Bioelectronics</i> , 2011, 26, 2716-2719.	5.3	52
22	Efficient Killing of Multidrug-Resistant Internalized Bacteria by AIEgens In Vivo. <i>Advanced Science</i> , 2021, 8, 2001750.	5.6	49
23	Recent Developments in Antibody-Based Assays for the Detection of Bacterial Toxins. <i>Toxins</i> , 2014, 6, 1325-1348.	1.5	48
24	Sensitive detection of glucose based on gold nanoparticles assisted silver mirror reaction. <i>Analyst</i> , 2011, 136, 2893.	1.7	47
25	Simultaneous determination of five tetracycline and macrolide antibiotics in feeds using HPCE. <i>Journal of Separation Science</i> , 2009, 32, 4254-4260.	1.3	46
26	Evaluation of the Toxicity and Toxicokinetics of Cereulide from an Emetic <i>Bacillus cereus</i> Strain of Milk Origin. <i>Toxins</i> , 2016, 8, 156.	1.5	41
27	Toxins and mobile antimicrobial resistance genes in <i>Bacillus</i> probiotics constitute a potential risk for One Health. <i>Journal of Hazardous Materials</i> , 2020, 382, 121266.	6.5	40
28	Complex Formation between NheB and NheC Is Necessary to Induce Cytotoxic Activity by the Three-Component <i>Bacillus cereus</i> Nhe Enterotoxin. <i>PLoS ONE</i> , 2013, 8, e63104.	1.1	38
29	Sublethal Levels of Antibiotics Promote Bacterial Persistence in Epithelial Cells. <i>Advanced Science</i> , 2020, 7, 1900840.	5.6	36
30	Sorbicillinoid-Based Metabolites from a Sponge-Derived Fungus <i>Trichoderma saturnisporum</i> . <i>Marine Drugs</i> , 2018, 16, 226.	2.2	35
31	Characterization of <i>Bacillus cereus</i> in Dairy Products in China. <i>Toxins</i> , 2020, 12, 454.	1.5	34
32	The prevalence of pathogens causing bovine mastitis and their associated risk factors in 15 large dairy farms in China: An observational study. <i>Veterinary Microbiology</i> , 2020, 247, 108757.	0.8	34
33	Characterization of <i>Bacillus cereus</i> isolates from local dairy farms in China. <i>FEMS Microbiology Letters</i> , 2016, 363, fnw096.	0.7	33
34	Electrodeformation-Based Biomechanical Chip for Quantifying Global Viscoelasticity of Cancer Cells Regulated by Cell Cycle. <i>Analytical Chemistry</i> , 2018, 90, 8370-8378.	3.2	30
35	Multifaceted toxin profile, an approach toward a better understanding of probiotic <i>Bacillus cereus</i> . <i>Critical Reviews in Toxicology</i> , 2019, 49, 342-356.	1.9	29
36	Nature-Inspired (di)Azine-Bridged Bisindole Alkaloids with Potent Antibacterial <i>In Vitro</i> and <i>In Vivo</i> Efficacy against Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Journal of Medicinal Chemistry</i> , 2020, 63, 12623-12641.	2.9	26

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37	Formation of small transmembrane pores: An intermediate stage on the way to <i>Bacillus cereus</i> non-hemolytic enterotoxin (Nhe) full pores in the absence of NheA. <i>Biochemical and Biophysical Research Communications</i> , 2016, 469, 613-618.	1.0	25
38	Simultaneous detection and comparative pharmacokinetics of amoxicillin, clavulanic acid and prednisolone in cows' milk by UPLC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1008, 74-80.	1.2	24
39	Discovery of Linear Low-Cationic Peptides to Target Methicillin-Resistant <i>Staphylococcus aureus</i> in Vivo. <i>ACS Infectious Diseases</i> , 2019, 5, 123-130.	1.8	22
40	Multiplexed microfluidic blotting of proteins and nucleic acids by parallel, serpentine microchannels. <i>Lab on A Chip</i> , 2015, 15, 105-112.	3.1	21
41	Gelsedine-type alkaloids: Discovery of natural neurotoxins presented in toxic honey. <i>Journal of Hazardous Materials</i> , 2020, 381, 120999.	6.5	20
42	A Marine Antibiotic Kills Multidrug-Resistant Bacteria without Detectable High-Level Resistance. <i>ACS Infectious Diseases</i> , 2021, 7, 884-893.	1.8	20
43	DMOA-based meroterpenoids with diverse scaffolds from the sponge-associated fungus <i>Penicillium brasilianum</i> . <i>Tetrahedron</i> , 2019, 75, 2193-2205.	1.0	18
44	Persistent carbapenem-resistant <i>Klebsiella pneumoniae</i> : a Trojan horse. <i>Lancet Infectious Diseases</i> , The, 2018, 18, 22-23.	4.6	17
45	Ordered self-assembly of proteins for computation in mammalian cells. <i>Chemical Communications</i> , 2014, 50, 676-678.	2.2	16
46	Programmable antibiotic delivery to combat methicillin-resistant <i>Staphylococcus aureus</i> through precision therapy. <i>Journal of Controlled Release</i> , 2020, 321, 710-717.	4.8	16
47	Non-hemolytic enterotoxin of <i>Bacillus cereus</i> induces apoptosis in Vero cells. <i>Cellular Microbiology</i> , 2017, 19, e12684.	1.1	15
48	Gold Nanoclusters for Targeting Methicillin-Resistant <i>Staphylococcus aureus</i> in Vivo. <i>Angewandte Chemie</i> , 2018, 130, 4022-4026.	1.6	15
49	A Potential High-Risk Clone of <i>Pseudomonas aeruginosa</i> ST463. <i>Frontiers in Microbiology</i> , 2021, 12, 670202.	1.5	15
50	Broad-spectrum immunoaffinity cleanup for the determination of aflatoxins B ₁ , B ₂ , G ₁ , G ₂ , M ₁ , M ₂ in <i>Ophiocordyceps sinensis</i> and its pharmaceutical preparations by ultra performance liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1068-1069, 112-118.	1.2	13
51	Synergistic effect on anti-methicillin-resistant <i>Staphylococcus aureus</i> among combinations of <i>Isangostin</i> extract, lawsone methyl ether and ampicillin. <i>Letters in Applied Microbiology</i> , 2020, 71, 510-519.	1.0	13
52	Simultaneous Determination of Avermectin and Milbemycin Residues in Bovine Tissue by Pressurized Solvent Extraction and LC with Fluorescence Detection. <i>Chromatographia</i> , 2010, 72, 1089-1095.	0.7	12
53	Rapid and Sensitive Fluoroimmunoassay Based on Quantum Dots for Detection of Melamine in Milk. <i>Analytical Letters</i> , 2013, 46, 275-285.	1.0	12
54	Equisetin Restores Colistin Sensitivity against Multi-Drug Resistant Gram-Negative Bacteria. <i>Antibiotics</i> , 2021, 10, 1263.	1.5	12

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55	Antibacterial activities of plant-derived xanthenes. RSC Medicinal Chemistry, 2022, 13, 107-116.	1.7	12
56	Host-acting antibacterial compounds combat cytosolic bacteria. Trends in Microbiology, 2022, 30, 761-777.	3.5	12
57	Collateral sensitivity to pleuromutilins in vancomycin-resistant <i>Enterococcus faecium</i> . Nature Communications, 2022, 13, 1888.	5.8	12
58	Determination of Salbutamol, Clenbuterol, and Brombuterol in Urine by a Highly Sensitive Chemiluminescence Enzyme Immunoassay. Analytical Letters, 2014, 47, 2761-2773.	1.0	11
59	Hansforesters A€M, polyesters from the sponge-associated fungus <i>Hansfordia sinuosae</i> with antibacterial activities. RSC Advances, 2018, 8, 39756-39768.	1.7	11
60	Resident bacteria contribute to opportunistic infections of the respiratory tract. PLoS Pathogens, 2021, 17, e1009436.	2.1	11
61	Extracellular matrix stiffness modulates host-bacteria interactions and antibiotic therapy of bacterial internalization. Biomaterials, 2021, 277, 121098.	5.7	11
62	A cellular logic circuit for the detection of bacterial pore-forming toxins. Chemical Communications, 2013, 49, 5198.	2.2	10
63	Characterization of Phenotypic and Genotypic Traits of <i>Klebsiella pneumoniae</i> from Lung Cancer Patients with Respiratory Infection. Infection and Drug Resistance, 2020, Volume 13, 237-245.	1.1	10
64	Lipid Droplet-Specific Red Aggregation-Induced Emission Luminogens: Fast Light-Up of Gram-Positive Pathogens for Identification of Bacteria. , 2022, 4, 1523-1530.		10
65	Sodium dehydroacetate induces cardiovascular toxicity associated with Ca ²⁺ imbalance in zebrafish. Ecotoxicology and Environmental Safety, 2021, 208, 111613.	2.9	9
66	Distribution visualization of the chlorinated disinfection byproduct of diazepam in zebrafish with desorption electrospray ionization mass spectrometry imaging. Talanta, 2022, 237, 122919.	2.9	9
67	Sodium dehydroacetate exposure decreases locomotor persistence and hypoxia tolerance in zebrafish. Environmental Research, 2021, 195, 110276.	3.7	8
68	Single Tungsten Atom-Modified Cotton Fabrics for Visible-Light-Driven Photocatalytic Degradation and Antibacterial Activity. ACS Applied Bio Materials, 2021, 4, 4345-4353.	2.3	8
69	Characterization of <i>Bacillus</i> Species from Market Foods in Beijing, China. Processes, 2021, 9, 866.	1.3	8
70	A Rigid Nanoplatfrom for Precise and Responsive Treatment of Intracellular Multidrug-Resistant Bacteria. Engineering, 2022, 15, 57-66.	3.2	7
71	Versatile antibody-sensing Boolean logic for the simultaneous detection of multiple bacterial toxins. Chemical Communications, 2013, 49, 9314.	2.2	6
72	Combined tetraphenylethylene fluorogens with positive charge for imaging capsule-covered pathogens. Analyst, The, 2020, 145, 6435-6440.	1.7	6

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73	Prevalence of pathogens harbouring mobile antimicrobial resistance genes and virulence factors in retail beef and mutton. <i>FEMS Microbiology Letters</i> , 2020, 367, .	0.7	6
74	Chlorinated disinfection byproducts of diazepam perturb cell metabolism and induce behavioral toxicity in zebrafish larvae. <i>Ecotoxicology and Environmental Safety</i> , 2021, 220, 112416.	2.9	6
75	Ca ²⁺ protect zebrafish embryos from water acidification. <i>Ecotoxicology and Environmental Safety</i> , 2019, 172, 65-71.	2.9	5
76	A broad-spectrum antibiotic adjuvant SLAP-S25: one stone many birds. <i>Microbial Cell</i> , 2020, 7, 215-217.	1.4	5
77	Equisetin is an anti-obesity candidate through targeting 11 β -HSD1. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 2358-2373.	5.7	5
78	Emerging Risks in Food: Probiotic Enterococci Pose a Threat to Public Health through the Food Chain. <i>Foods</i> , 2021, 10, 2846.	1.9	4
79	Pyocyanin Modulates Gastrointestinal Transformation and Microbiota. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 2722-2732.	2.4	4
80	Etv5 safeguards trophoblast stem cells differentiation from mouse EPSCs by regulating fibroblast growth factor receptor 2. <i>Molecular Biology Reports</i> , 2020, 47, 9259-9269.	1.0	2
81	Genomic and Phenotypic Analysis of Persistent Carbapenem-Resistant <i>Klebsiella pneumoniae</i> Isolates from a 5-Year Hospitalized Patient. <i>Microbial Drug Resistance</i> , 2021, 27, 1117-1125.	0.9	2
82	Chlorine disinfection byproduct of diazepam affects nervous system function and possesses gender-related difference in zebrafish. <i>Ecotoxicology and Environmental Safety</i> , 2022, 238, 113568.	2.9	2
83	Targeting Multidrug-Resistant Bacteria: Efficient Killing of Multidrug-Resistant Internalized Bacteria by AIEgens In Vivo (Adv. Sci. 9/2021). <i>Advanced Science</i> , 2021, 8, 2170051.	5.6	1
84	Frontispiece: A Biosurfactant-Inspired Heptapeptide with Improved Specificity to Kill MRSA. <i>Angewandte Chemie - International Edition</i> , 2017, 56, .	7.2	0
85	Frontispiz: A Biosurfactant-Inspired Heptapeptide with Improved Specificity to Kill MRSA. <i>Angewandte Chemie</i> , 2017, 129, .	1.6	0
86	Berichtigung: A Biosurfactant-Inspired Heptapeptide with Improved Specificity to Kill MRSA. <i>Angewandte Chemie</i> , 2017, 129, 5743-5743.	1.6	0
87	Antibiotic Therapy: Sublethal Levels of Antibiotics Promote Bacterial Persistence in Epithelial Cells (Adv. Sci. 18/2020). <i>Advanced Science</i> , 2020, 7, 2070104.	5.6	0
88	Diazepam and Its Disinfection Byproduct Promote the Early Development of Nervous System in Zebrafish Embryos. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-10.	1.9	0
89	Berichtigung: Gold Nanoclusters for Targeting Methicillin-Resistant <i>Staphylococcus aureus</i> In Vivo. <i>Angewandte Chemie</i> , 2020, 132, 5925-5925.	1.6	0
90	Characteristics of a transferable <i>tetA</i> gene conferring resistance to tetracyclines in probiotic <i>Bacillus cereus</i> . <i>Chinese Science Bulletin</i> , 2020, 65, 3619-3625.	0.4	0