Kai Yang

List of Publications by Year
in descending order

73	1,297	430874 18	434195 31
papers	citations	h-index	g-index

81	81	81	1766
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Antimicrobial and Bioactive Silk Peptide Hybrid Hydrogel with a Heterogeneous Double Network Formed by Orthogonal Assembly. ACS Biomaterials Science and Engineering, 2022, 8, 89-99.	5.2	9
2	Chiral carbon dots â€“ a functional domain for tyrosinase Cu active site modulation via remote target interaction. Nanoscale, 2022, 14, 1202-1210.	5.6	10
3	Real-time monitoring the staged interactions between cationic surfactants and a phospholipid bilayer membrane. Physical Chemistry Chemical Physics, 2022, 24, 5360-5370.	2.8	0
4	Mir-4746 inhibits the proliferation of colorectal cancer cells inÂvitro and inÂvivo by targeting CCND1. Biochemical and Biophysical Research Communications, 2022, 594, 153-160.	2.1	3
5	The PER1/HIF-1alpha negative feedback loop promotes ferroptosis and inhibits tumor progression in oral squamous cell carcinoma. Translational Oncology, 2022, 18, 101360.	3.7	17
6	Downregulation of MiR-1538 promotes proliferation and metastasis of colorectal cancer by targeting DNMT3A. Biochemical and Biophysical Research Communications, 2022, 609, 119-126.	2.1	5
7	Silk Hydrogel Electrostatically Functionalized with a Polycationic Antimicrobial Peptide: Molecular Interactions, Gel Properties, and Antimicrobial Activity. Langmuir, 2022, 38, 50-61.	3.5	9
8	The biological clock gene PER1 affects the development of oral squamous cell carcinoma by altering the circadian rhythms of cell proliferation and apoptosis. Chronobiology International, 2022, 39, 1206-1219.	2.0	0
9	Antitumor Activity of Small Activating RNAs Induced PAWR Gene Activation in Human Bladder Cancer Cells. International Journal of Medical Sciences, 2021, 18, 3039-3049.	2.5	5
10	A prognosis-related molecular subtype for early-stage non-small lung cell carcinoma by multi-omics integration analysis. BMC Cancer, 2021, 21, 128.	2.6	7
11	Cardiolipin Selectively Binds to the Interface of VsSemiSWEET and Regulates Its Dimerization. Journal of Physical Chemistry Letters, 2021, 12, 1940-1946.	4.6	7
12	PER1 suppresses glycolysis and cell proliferation in oral squamous cell carcinoma via the PER1/RACK1/PI3K signaling complex. Cell Death and Disease, 2021, 12, 276.	6.3	37
13	Lipid Phase Influences the Dynamic Interactions between Graphene Oxide Nanosheets and a Phospholipid Membrane. Journal of Physical Chemistry B, 2021, 125, 3589-3597.	2.6	6
14	Initial PCR Testing Negative, but Chest CT Suggesting for Viral Pneumonia Urges for Repeated Testing for COVID-19 Diagnosis. Frontiers in Molecular Biosciences, 2021, 8, 640788.	3.5	3
15	Socioeconomic burden of bloodstream infections caused by carbapenem-resistant and carbapenem-susceptible Pseudomonas aeruginosa in China. Journal of Global Antimicrobial Resistance, 2021, 26, 101-107.	2.2	5
16	Membrane-curvature-mediated co-endocytosis of bystander and functional nanoparticles. Nanoscale, 2021, 13, 9626-9633.	5.6	12
17	Ligand-decoration determines the translational and rotational dynamics of nanoparticles on a lipid bilayer membrane. Physical Chemistry Chemical Physics, 2021, 23, 9158-9165.	2.8	2
18	Photo-Voltage Transients for Real-Time Analysis of the Interactions between Molecules and Membranes. ACS Applied Bio Materials, 2021, 4, 620-629.	4.6	5

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19	Pharmacist-led quality control circle in sustained reduction of carbapenem-resistance at a Chinese tertiary teaching hospital. Annals of Palliative Medicine, 2021, 10, 11558-11565.	1.2	4
20	Biophysical Impact of Lipid A Modification Caused by Mobile Colistin Resistance Gene on Bacterial Outer Membranes. Journal of Physical Chemistry Letters, 2021, 12, 11629-11635.	4.6	9
21	Epidemiological Characteristics of COVID-19 Resurgence in Areas Initially Under Control. Frontiers in Public Health, 2021, 9, 749294.	2.7	2
22	Socioeconomic Burden of Bloodstream Infections Caused by Carbapenem-Resistant Enterobacteriaceae. Infection and Drug Resistance, 2021, Volume 14, 5385-5393.	2.7	11
23	The Impact of Lung Function on Extra-Pulmonary Diseases and All-Cause Mortality in US Adult Population with and without COPD . Clinical Epidemiology, 2020, Volume 12, 997-1005.	3.0	11
24	Economic Burden of Patients with Bloodstream Infections Caused by Extended-Spectrum Î²-Lactamase-Producing Escherichia coli . Infection and Drug Resistance, 2020, Volume 13, 3583-3592.	2.7	8
25	Outer Membranes of Polymyxin-Resistant Acinetobacter baumannii with Phosphoethanolamine-Modified Lipid A and Lipopolysaccharide Loss Display Different Atomic-Scale Interactions with Polymyxins. ACS Infectious Diseases, 2020, 6, 2698-2708.	3.8	19
26	Period Family of Clock Genes as Novel Predictors of Survival in Human Cancer: A Systematic Review and Meta-Analysis. Disease Markers, 2020, 2020, 1-9.	1.3	2
27	Lipid-specific interactions determine the organization and dynamics of membrane-active peptide melittin. Soft Matter, 2020, 16, 3498-3504.	2.7	15
28	Downregulation of PER2 Promotes Tumor Progression by Enhancing Glycolysis via the Phosphatidylinositol 3-Kinase/Protein Kinase B Pathway in Oral Squamous Cell Carcinoma. Journal of Oral and Maxillofacial Surgery, 2020, 78, 1780.e1-1780.e14.	1.2	6
29	Loss of the clock gene Per1 promotes oral squamous cell carcinoma progression via the AKT/mTOR pathway. Cancer Science, 2020, 111, 1542-1554.	3.9	32
30	Dual regulatory role of CCNA2 in modulating CDK6 and METâ€mediated cellâ€cycle pathway and EMT progression is blocked by miRâ€381â€3p in bladder cancer. FASEB Journal, 2019, 33, 1374-1388.	0.5	60
31	Synaptic dopamine release is positively regulated by SNAP-25 that involves in benzo[a]pyrene-induced neurotoxicity. Chemosphere, 2019, 237, 124378.	8.2	9
32	Risk factors and outcomes in non-transplant patients with extended-spectrum beta-lactamase-producing Escherichia coli bacteremia: a retrospective study from 2013 to 2016. Antimicrobial Resistance and Infection Control, 2019, 8, 144.	4.1	15
33	Current Status of Research on the Period Family of Clock Genes in the Occurrence and Development of Cancer. Journal of Cancer, 2019, 10, 1117-1123.	2.5	16
34	Increased expression of lncRNA CASC9 promotes tumor progression by suppressing autophagy-mediated cell apoptosis via the AKT/mTOR pathway in oral squamous cell carcinoma. Cell Death and Disease, 2019, 10, 41.	6.3	130
35	Non-inflammatory emphysema induced by NO2 chronic exposure and intervention with demethylation 5-Azacytidine. Life Sciences, 2019, 221, 121-129.	4.3	8
36	Three-Dimensional Changes in the Upper Airway of Skeletal Class III Patients After Different Orthognathic Surgical Procedures. Journal of Oral and Maxillofacial Surgery, 2018, 76, 155-164.	1.2	14

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37	Postnatal Subacute Benzo(a)Pyrene Exposure Caused Neurobehavioral Impairment and Metabolomic Changes of Cerebellum in the Early Adulthood Period of Sprague-Dawley Rats. Neurotoxicity Research, 2018, 33, 812-823.	2.7	18
38	m6A Demethylase FTO Regulates Dopaminergic Neurotransmission Deficits Caused by Arsenite. Toxicological Sciences, 2018, 165, 431-446.	3.1	68
39	Disruption of glutamate neurotransmitter transmission is modulated by SNAP-25 in benzo[a]pyrene-induced neurotoxic effects. Toxicology, 2017, 384, 11-22.	4.2	12
40	Effects of coke oven emissions and benzo[a]pyrene on blood pressure and electrocardiogram in coke oven workers. Journal of Occupational Health, 2017, 59, 1-7.	2.1	22
41	Genetic Variants in the Hedgehog Interacting Protein Gene Are Associated with the FEV1/FVC Ratio in Southern Han Chinese Subjects with Chronic Obstructive Pulmonary Disease. BioMed Research International, 2017, 2017, 1-10.	1.9	6
42	Physical activity and risk of prostate and bladder cancer in China: The South and East China case-control study on prostate and bladder cancer. PLoS ONE, 2017, 12, e0178613.	2.5	14
43	Loss of the clock gene PER2 is associated with cancer development and altered expression of important tumor-related genes in oral cancer. International Journal of Oncology, 2017, 52, 279-287.	3.3	28
44	Inhibition of Î±-Synuclein contributes to the ameliorative effects of dietary flavonoids luteolin on arsenite-induced apoptotic cell death in the dopaminergic PC12 cells. Toxicology Mechanisms and Methods, 2017, 27, 598-608.	2.7	15
45	Effects of benzo(a)pyrene exposure on the atpase activity and calcium concentration in the hippocampus of neonatal rats. International Journal of Occupational Medicine and Environmental Health, 2017, 30, 203-211.	1.3	5
46	The important tumor suppressor role of PER1 in regulating the cyclin–CDK–CKI network in SCC15 human oral squamous cell carcinoma cells. OncoTargets and Therapy, 2016, 9, 2237.	2.0	34
47	Upregulation of PAWR by small activating RNAs induces cell apoptosis in human prostate cancer cells. Oncology Reports, 2016, 35, 2487-2493.	2.6	17
48	Circadian clock gene Per2 plays an important role in cell proliferation, apoptosis and cell cycle progression in human oral squamous cell carcinoma. Oncology Reports, 2016, 35, 3387-3394.	2.6	40
49	Study Design and Interim Outcomes of Guangzhou Institute of Respiratory Disease COPD Biobank. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2016, 13, 203-213.	1.6	8
50	The clock gene PER1 plays an important role in regulating the clock gene network in human oral squamous cell carcinoma cells. Oncotarget, 2016, 7, 70290-70302.	1.8	23
51	Upregulation of canonical transient receptor potential channel in the pulmonary arterial smooth muscle of a chronic thromboembolic pulmonary hypertension rat model. Hypertension Research, 2015, 38, 821-828.	2.7	14
52	Toxicity assessment of repeated intravenous injections of arginine–glycine–aspartic acid peptide conjugated CdSeTe/ZnS quantum dots in mice. International Journal of Nanomedicine, 2014, 9, 4809.	6.7	18
53	Recurrent huge leiomyoma of the urethra in a female patient: A case report. Oncology Letters, 2014, 7, 1933-1935.	1.8	6
54	Inhibition of Î³-secretase induces G2/M arrest and triggers apoptosis in renal cell carcinoma. Oncology Letters, 2014, 8, 55-61.	1.8	14

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55	Promoter-targeted double-stranded small RNAs activate PAWR gene expression in human cancer cells. International Journal of Biochemistry and Cell Biology, 2013, 45, 1338-1346.	2.8	31
56	Expression of integrin-linked kinase in adenoid cystic carcinoma of salivary glands correlates with epithelialâ€“mesenchymal transition markers and tumor progression. Medical Oncology, 2013, 30, 619.	2.5	21
57	Circadian rhythm characteristics of oral squamous cell carcinoma growth in an orthotopic xenograft model. OncoTargets and Therapy, 2013, 6, 41.	2.0	9
58	Susceptibility of XPD and hOGG1 genetic variants to prostate cancer. Biomedical Reports, 2013, 1, 679-683.	2.0	16
59	The drug efficacy and adverse reactions in a mouse model of oral squamous cell carcinoma treated with oxaliplatin at different time points during a day. Drug Design, Development and Therapy, 2013, 7, 511.	4.3	6
60	Alpha-fetoprotein and carbohydrate antigen 19-9 producing advanced adenocarcinoma of renal pelvis and ureter. Canadian Urological Association Journal, 2013, 7, 750.	0.6	4
61	Optical imaging of head and neck squamous cell carcinoma in vivo using arginine-glycine- aspartic acid peptide conjugated near-infrared quantum dots. OncoTargets and Therapy, 2013, 6, 1779.	2.0	14
62	Abnormal expression of PER1 circadian-clock gene in oral squamous cell carcinoma. OncoTargets and Therapy, 2012, 5, 403.	2.0	24
63	In vivo and in situ imaging of head and neck squamous cell carcinoma using near-infrared fluorescent quantum dot probes conjugated with epidermal growth factor receptor monoclonal antibodies in mice. Oncology Reports, 2012, 27, 1925-31.	2.6	10
64	Over-expression of integrin-linked kinase correlates with aberrant expression of Snail, E-cadherin and N-cadherin in oral squamous cell carcinoma: implications in tumor progression and metastasis. Clinical and Experimental Metastasis, 2012, 29, 957-969.	3.3	53
65	Screening the pathogenic genes and pathways related to DMBA (7,12-dimethylbenz[a]anthracene)-induced transformation of hamster oral mucosa from precancerous lesions to squamous cell carcinoma. Oncology Letters, 2011, 2, 637-642.	1.8	5
66	In-vivo imaging of oral squamous cell carcinoma by EGFR monoclonal antibody conjugated near-infrared quantum dots in mice. International Journal of Nanomedicine, 2011, 6, 1739.	6.7	48
67	Screening and analysis of pathogenic genes during DMBA-induced buccal mucosa carcinogenesis in golden hamsters. Oncology Reports, 2010, 23, 1619-24.	2.6	17
68	Quantum dot-based visual in vivo imaging for oral squamous cell carcinoma in mice. Oral Oncology, 2010, 46, 864-868.	1.5	35
69	Study on effect of peptide-conjugated near-infrared fluorescent quantum dots on the clone formation, proliferation, apoptosis, and tumorigenicity ability of human buccal squamous cell carcinoma cell line BcaCD885. International Journal of Nanomedicine, 2010, 5, 401.	6.7	18
70	In Vivo Study of the Effects of Peptide-Conjugated Near-Infrared Fluorescent Quantum Dots on the Tumorigenic and Lymphatic Metastatic Capacities of Squamous Cell Carcinoma Cell Line Tca8113 and U14. International Journal of Molecular Sciences, 2010, 11, 1413-1422.	4.1	12
71	Near-infrared quantum-dot-based non-invasivein vivoimaging of squamous cell carcinoma U14. Nanotechnology, 2010, 21, 475104.	2.6	18
72	Effect of Peptide-Conjugated Near-Infrared Fluorescent Quantum Dots (NIRF-QDs) on the Invasion and Metastasis of Human Tongue Squamous Cell Carcinoma Cell Line Tca8113 in Vitro. International Journal of Molecular Sciences, 2009, 10, 4418-4427.	4.1	16

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73	Up-regulation of p21WAF1/Cip1 by saRNA induces G1-phase arrest and apoptosis in T24 human bladder cancer cells. Cancer Letters, 2008, 265, 206-214.	7.2	62