

Kai Yang

List of Publications by Year in descending order

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73
papers

1,297
citations

430874

18
h-index

434195

31
g-index

81
all docs

81
docs citations

81
times ranked

1766
citing authors

#	ARTICLE	IF	CITATIONS
1	Increased expression of lncRNA CASC9 promotes tumor progression by suppressing autophagy-mediated cell apoptosis via the AKT/mTOR pathway in oral squamous cell carcinoma. <i>Cell Death and Disease</i> , 2019, 10, 41.	6.3	130
2	m6A Demethylase FTO Regulates Dopaminergic Neurotransmission Deficits Caused by Arsenite. <i>Toxicological Sciences</i> , 2018, 165, 431-446.	3.1	68
3	Up-regulation of p21WAF1/Cip1 by saRNA induces G1-phase arrest and apoptosis in T24 human bladder cancer cells. <i>Cancer Letters</i> , 2008, 265, 206-214.	7.2	62
4	Dual regulatory role of CCNA2 in modulating CDK6 and MET-mediated cell cycle pathway and EMT progression is blocked by miR-381-3p in bladder cancer. <i>FASEB Journal</i> , 2019, 33, 1374-1388.	0.5	60
5	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. <i>Clinical and Experimental Metastasis</i> , 2012, 29, 957-969.	3.3	53
6	In-vivo imaging of oral squamous cell carcinoma by EGFR monoclonal antibody conjugated near-infrared quantum dots in mice. <i>International Journal of Nanomedicine</i> , 2011, 6, 1739.	6.7	48
7	Circadian clock gene Per2 plays an important role in cell proliferation, apoptosis and cell cycle progression in human oral squamous cell carcinoma. <i>Oncology Reports</i> , 2016, 35, 3387-3394.	2.6	40
8	PER1 suppresses glycolysis and cell proliferation in oral squamous cell carcinoma via the PER1/RACK1/PI3K signaling complex. <i>Cell Death and Disease</i> , 2021, 12, 276.	6.3	37
9	Quantum dot-based visual in vivo imaging for oral squamous cell carcinoma in mice. <i>Oral Oncology</i> , 2010, 46, 864-868.	1.5	35
10	The important tumor suppressor role of PER1 in regulating the cyclin–CDK–CKI network in SCC15 human oral squamous cell carcinoma cells. <i>OncoTargets and Therapy</i> , 2016, 9, 2237.	2.0	34
11	Loss of the clock gene Per1 promotes oral squamous cell carcinoma progression via the AKT/mTOR pathway. <i>Cancer Science</i> , 2020, 111, 1542-1554.	3.9	32
12	Promoter-targeted double-stranded small RNAs activate PAWR gene expression in human cancer cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2013, 45, 1338-1346.	2.8	31
13	Loss of the clock gene PER2 is associated with cancer development and altered expression of important tumor-related genes in oral cancer. <i>International Journal of Oncology</i> , 2017, 52, 279-287.	3.3	28
14	Abnormal expression of PER1 circadian-clock gene in oral squamous cell carcinoma. <i>OncoTargets and Therapy</i> , 2012, 5, 403.	2.0	24
15	The clock gene <i>PER1</i> plays an important role in regulating the clock gene network in human oral squamous cell carcinoma cells. <i>Oncotarget</i> , 2016, 7, 70290-70302.	1.8	23
16	Effects of coke oven emissions and benzo[a]pyrene on blood pressure and electrocardiogram in coke oven workers. <i>Journal of Occupational Health</i> , 2017, 59, 1-7.	2.1	22
17	Expression of integrin-linked kinase in adenoid cystic carcinoma of salivary glands correlates with epithelial–mesenchymal transition markers and tumor progression. <i>Medical Oncology</i> , 2013, 30, 619.	2.5	21
18	Outer Membranes of Polymyxin-Resistant <i>Acinetobacter baumannii</i> with Phosphoethanolamine-Modified Lipid A and Lipopolysaccharide Loss Display Different Atomic-Scale Interactions with Polymyxins. <i>ACS Infectious Diseases</i> , 2020, 6, 2698-2708.	3.8	19

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19	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. <i>International Journal of Nanomedicine</i> , 2010, 5, 401.	6.7	18
20	Near-infrared quantum-dot-based non-invasive in vivo imaging of squamous cell carcinoma U14. <i>Nanotechnology</i> , 2010, 21, 475104.	2.6	18
21	Toxicity assessment of repeated intravenous injections of arginine-glycine-aspartic acid peptide conjugated CdSeTe/ZnS quantum dots in mice. <i>International Journal of Nanomedicine</i> , 2014, 9, 4809.	6.7	18
22	Postnatal Subacute Benzo(a)Pyrene Exposure Caused Neurobehavioral Impairment and Metabolomic Changes of Cerebellum in the Early Adulthood Period of Sprague-Dawley Rats. <i>Neurotoxicity Research</i> , 2018, 33, 812-823.	2.7	18
23	Screening and analysis of pathogenic genes during DMBA-induced buccal mucosa carcinogenesis in golden hamsters. <i>Oncology Reports</i> , 2010, 23, 1619-24.	2.6	17
24	Upregulation of PAWR by small activating RNAs induces cell apoptosis in human prostate cancer cells. <i>Oncology Reports</i> , 2016, 35, 2487-2493.	2.6	17
25	The PER1/HIF-1 α negative feedback loop promotes ferroptosis and inhibits tumor progression in oral squamous cell carcinoma. <i>Translational Oncology</i> , 2022, 18, 101360.	3.7	17
26	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. <i>International Journal of Molecular Sciences</i> , 2009, 10, 4418-4427.	4.1	16
27	Susceptibility of XPD and hOGG1 genetic variants to prostate cancer. <i>Biomedical Reports</i> , 2013, 1, 679-683.	2.0	16
28	Current Status of Research on the Period Family of Clock Genes in the Occurrence and Development of Cancer. <i>Journal of Cancer</i> , 2019, 10, 1117-1123.	2.5	16
29	Inhibition of β -Synuclein contributes to the ameliorative effects of dietary flavonoids luteolin on arsenite-induced apoptotic cell death in the dopaminergic PC12 cells. <i>Toxicology Mechanisms and Methods</i> , 2017, 27, 598-608.	2.7	15
30	Risk factors and outcomes in non-transplant patients with extended-spectrum beta-lactamase-producing <i>Escherichia coli</i> bacteremia: a retrospective study from 2013 to 2016. <i>Antimicrobial Resistance and Infection Control</i> , 2019, 8, 144.	4.1	15
31	Lipid-specific interactions determine the organization and dynamics of membrane-active peptide melittin. <i>Soft Matter</i> , 2020, 16, 3498-3504.	2.7	15
32	Optical imaging of head and neck squamous cell carcinoma in vivo using arginine-glycine-aspartic acid peptide conjugated near-infrared quantum dots. <i>OncoTargets and Therapy</i> , 2013, 6, 1779.	2.0	14
33	Inhibition of β -secretase induces G2/M arrest and triggers apoptosis in renal cell carcinoma. <i>Oncology Letters</i> , 2014, 8, 55-61.	1.8	14
34	Upregulation of canonical transient receptor potential channel in the pulmonary arterial smooth muscle of a chronic thromboembolic pulmonary hypertension rat model. <i>Hypertension Research</i> , 2015, 38, 821-828.	2.7	14
35	Physical activity and risk of prostate and bladder cancer in China: The South and East China case-control study on prostate and bladder cancer. <i>PLoS ONE</i> , 2017, 12, e0178613.	2.5	14
36	Three-Dimensional Changes in the Upper Airway of Skeletal Class III Patients After Different Orthognathic Surgical Procedures. <i>Journal of Oral and Maxillofacial Surgery</i> , 2018, 76, 155-164.	1.2	14

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37	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. <i>International Journal of Molecular Sciences</i> , 2010, 11, 1413-1422.	4.1	12
38	Disruption of glutamate neurotransmitter transmission is modulated by SNAP-25 in benzo[a]pyrene-induced neurotoxic effects. <i>Toxicology</i> , 2017, 384, 11-22.	4.2	12
39	Membrane-curvature-mediated co-endocytosis of bystander and functional nanoparticles. <i>Nanoscale</i> , 2021, 13, 9626-9633.	5.6	12
40	<p>The Impact of Lung Function on Extra-Pulmonary Diseases and All-Cause Mortality in US Adult Population with and without COPD</p>. <i>Clinical Epidemiology</i> , 2020, Volume 12, 997-1005.	3.0	11
41	Socioeconomic Burden of Bloodstream Infections Caused by Carbapenem-Resistant Enterobacteriaceae. <i>Infection and Drug Resistance</i> , 2021, Volume 14, 5385-5393.	2.7	11
42	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. <i>Oncology Reports</i> , 2012, 27, 1925-31.	2.6	10
43	Chiral carbon dots “ a functional domain for tyrosinase Cu active site modulation <i>via</i> remote target interaction. <i>Nanoscale</i> , 2022, 14, 1202-1210.	5.6	10
44	Circadian rhythm characteristics of oral squamous cell carcinoma growth in an orthotopic xenograft model. <i>OncoTargets and Therapy</i> , 2013, 6, 41.	2.0	9
45	Synaptic dopamine release is positively regulated by SNAP-25 that involves in benzo[a]pyrene-induced neurotoxicity. <i>Chemosphere</i> , 2019, 237, 124378.	8.2	9
46	Biophysical Impact of Lipid A Modification Caused by Mobile Colistin Resistance Gene on Bacterial Outer Membranes. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 11629-11635.	4.6	9
47	Antimicrobial and Bioactive Silk Peptide Hybrid Hydrogel with a Heterogeneous Double Network Formed by Orthogonal Assembly. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 89-99.	5.2	9
48	Silk Hydrogel Electrostatically Functionalized with a Polycationic Antimicrobial Peptide: Molecular Interactions, Gel Properties, and Antimicrobial Activity. <i>Langmuir</i> , 2022, 38, 50-61.	3.5	9
49	Study Design and Interim Outcomes of Guangzhou Institute of Respiratory Disease COPD Biobank. COPD: <i>Journal of Chronic Obstructive Pulmonary Disease</i> , 2016, 13, 203-213.	1.6	8
50	Non-inflammatory emphysema induced by NO2 chronic exposure and intervention with demethylation 5-Azacytidine. <i>Life Sciences</i> , 2019, 221, 121-129.	4.3	8
51	<p>Economic Burden of Patients with Bloodstream Infections Caused by Extended-Spectrum β2-Lactamase-Producing Escherichia coli. <i>Infection and Drug Resistance</i> , 2020, Volume 13, 3583-3592.	2.7	8
52	A prognosis-related molecular subtype for early-stage non-small lung cell carcinoma by multi-omics integration analysis. <i>BMC Cancer</i> , 2021, 21, 128.	2.6	7
53	Cardiolipin Selectively Binds to the Interface of <i>Vs</i> SemiSWEET and Regulates Its Dimerization. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 1940-1946.	4.6	7
54	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. <i>Drug Design, Development and Therapy</i> , 2013, 7, 511.	4.3	6

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55	Recurrent huge leiomyoma of the urethra in a female patient: A case report. <i>Oncology Letters</i> , 2014, 7, 1933-1935.	1.8	6
56	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. <i>BioMed Research International</i> , 2017, 2017, 1-10.	1.9	6
57	Downregulation of PER2 Promotes Tumor Progression by Enhancing Glycolysis via the Phosphatidylinositol 3-Kinase/Protein Kinase B Pathway in Oral Squamous Cell Carcinoma. <i>Journal of Oral and Maxillofacial Surgery</i> , 2020, 78, 1780.e1-1780.e14.	1.2	6
58	Lipid Phase Influences the Dynamic Interactions between Graphene Oxide Nanosheets and a Phospholipid Membrane. <i>Journal of Physical Chemistry B</i> , 2021, 125, 3589-3597.	2.6	6
59	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. <i>Oncology Letters</i> , 2011, 2, 637-642.	1.8	5
60	Antitumor Activity of Small Activating RNAs Induced PAWR Gene Activation in Human Bladder Cancer Cells. <i>International Journal of Medical Sciences</i> , 2021, 18, 3039-3049.	2.5	5
61	Socioeconomic burden of bloodstream infections caused by carbapenem-resistant and carbapenem-susceptible <i>Pseudomonas aeruginosa</i> in China. <i>Journal of Global Antimicrobial Resistance</i> , 2021, 26, 101-107.	2.2	5
62	Effects of benzo(a)pyrene exposure on the atpase activity and calcium concentration in the hippocampus of neonatal rats. <i>International Journal of Occupational Medicine and Environmental Health</i> , 2017, 30, 203-211.	1.3	5
63	Photo-Voltage Transients for Real-Time Analysis of the Interactions between Molecules and Membranes. <i>ACS Applied Bio Materials</i> , 2021, 4, 620-629.	4.6	5
64	Downregulation of MiR-1538 promotes proliferation and metastasis of colorectal cancer by targeting DNMT3A. <i>Biochemical and Biophysical Research Communications</i> , 2022, 609, 119-126.	2.1	5
65	Alpha-fetoprotein and carbohydrate antigen 19-9 producing advanced adenocarcinoma of renal pelvis and ureter. <i>Canadian Urological Association Journal</i> , 2013, 7, 750.	0.6	4
66	Pharmacist-led quality control circle in sustained reduction of carbapenem-resistance at a Chinese tertiary teaching hospital. <i>Annals of Palliative Medicine</i> , 2021, 10, 11558-11565.	1.2	4
67	Initial PCR Testing Negative, but Chest CT Suggesting for Viral Pneumonia Urges for Repeated Testing for COVID-19 Diagnosis. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 640788.	3.5	3
68	Mir-4746 inhibits the proliferation of colorectal cancer cells in vitro and in vivo by targeting CCND1. <i>Biochemical and Biophysical Research Communications</i> , 2022, 594, 153-160.	2.1	3
69	Period Family of Clock Genes as Novel Predictors of Survival in Human Cancer: A Systematic Review and Meta-Analysis. <i>Disease Markers</i> , 2020, 2020, 1-9.	1.3	2
70	Ligand-decoration determines the translational and rotational dynamics of nanoparticles on a lipid bilayer membrane. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 9158-9165.	2.8	2
71	Epidemiological Characteristics of COVID-19 Resurgence in Areas Initially Under Control. <i>Frontiers in Public Health</i> , 2021, 9, 749294.	2.7	2
72	Real-time monitoring the staged interactions between cationic surfactants and a phospholipid bilayer membrane. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 5360-5370.	2.8	0

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73	The biological clock gene PER1 affects the development of oral squamous cell carcinoma by altering the circadian rhythms of cell proliferation and apoptosis. <i>Chronobiology International</i> , 2022, 39, 1206-1219.	2.0	0