

Ying Yang

List of Publications by Year in descending order

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Version: 2024-02-01

99
papers

9,812
citations

172457

29
h-index

38395

95
g-index

103
all docs

103
docs citations

103
times ranked

22999
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Resveratrol Reduces the Proinflammatory Effects and Lipopolysaccharide- Induced Expression of HMGB1 and TLR4 in RAW264.7 Cells. <i>Cellular Physiology and Biochemistry</i> , 2014, 33, 1283-1292.	1.6	2,415
3	Bacteria-Targeting Nanoparticles with Microenvironment-Responsive Antibiotic Release To Eliminate Intracellular <i>Staphylococcus aureus</i> and Associated Infection. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 14299-14311.	8.0	160
4	MiR-122 modification enhances the therapeutic efficacy of adipose tissue-derived mesenchymal stem cells against liver fibrosis. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 2963-2973.	3.6	155
5	Electrospun Collagen Nanofibers and Their Applications in Skin Tissue Engineering. <i>Tissue Engineering and Regenerative Medicine</i> , 2017, 14, 699-718.	3.7	142
6	Dual-functional 3D-printed composite scaffold for inhibiting bacterial infection and promoting bone regeneration in infected bone defect models. <i>Acta Biomaterialia</i> , 2018, 79, 265-275.	8.3	134
7	Anti-infective efficacy, cytocompatibility and biocompatibility of a 3D-printed osteoconductive composite scaffold functionalized with quaternized chitosan. <i>Acta Biomaterialia</i> , 2016, 46, 112-128.	8.3	128
8	Targeting Osteocytes to Attenuate Early Breast Cancer Bone Metastasis by Theranostic Upconversion Nanoparticles with Responsive Plumbagin Release. <i>ACS Nano</i> , 2017, 11, 7259-7273.	14.6	100
9	Tryptophan derivatives regulate the transcription of Oct4 in stem-like cancer cells. <i>Nature Communications</i> , 2015, 6, 7209.	12.8	90
10	Control of Scar Tissue Formation in the Cornea: Strategies in Clinical and Corneal Tissue Engineering. <i>Journal of Functional Biomaterials</i> , 2012, 3, 642-687.	4.4	80
11	Chemical and Topographical Effects on Cell Differentiation and Matrix Elasticity in a Corneal Stromal Layer Model. <i>Advanced Functional Materials</i> , 2012, 22, 3641-3649.	14.9	80
12	Development of a "mechano-active" scaffold for tissue engineering. <i>Biomaterials</i> , 2002, 23, 2119-2126.	11.4	62
13	Dietary chickpeas reverse visceral adiposity, dyslipidaemia and insulin resistance in rats induced by a chronic high-fat diet. <i>British Journal of Nutrition</i> , 2007, 98, 720-6.	2.3	57
14	Cytocompatibility with osteogenic cells and enhanced in vivo anti-infection potential of quaternized chitosan-loaded titania nanotubes. <i>Bone Research</i> , 2016, 4, 16027.	11.4	54
15	Conditional knockin of Dnmt3a R878H initiates acute myeloid leukemia with mTOR pathway involvement. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 5237-5242.	7.1	54
16	The Hippo/YAP1 pathway interacts with FGFR1 signaling to maintain stemness in lung cancer. <i>Cancer Letters</i> , 2018, 423, 36-46.	7.2	52
17	Obesity-associated inflammation triggers an autophagy-lysosomal response in adipocytes and causes degradation of perilipin 1. <i>Cell Death and Disease</i> , 2019, 10, 121.	6.3	52
18	Thioredoxin activity confers resistance against oxidative stress in tumor-infiltrating NK cells. <i>Journal of Clinical Investigation</i> , 2020, 130, 5508-5522.	8.2	52

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19	Active vitamin D regulates macrophage M1/M2 phenotypes via the STAT1-IRF1 pathway in diabetic nephropathy. <i>Journal of Cellular Physiology</i> , 2019, 234, 6917-6926.	4.1	47
20	Influence of Additive Manufactured Scaffold Architecture on the Distribution of Surface Strains and Fluid Flow Shear Stresses and Expected Osteochondral Cell Differentiation. <i>Frontiers in Bioengineering and Biotechnology</i> , 2017, 5, 6.	4.1	45
21	The effects of biomimetically conjugated VEGF on osteogenesis and angiogenesis of MSCs (human and Tj ETQq1 1.078431444gBT /C	5.0	44
22	Paraptosis-Inducing Nanomedicine Overcomes Cancer Drug Resistance for a Potent Cancer Therapy. <i>Small</i> , 2018, 14, 1702446.	10.0	43
23	Reciprocal regulatory mechanism between miR-214-3p and FGFR1 in FGFR1-amplified lung cancer. <i>Oncogenesis</i> , 2019, 8, 50.	4.9	41
24	Akt-mediated phosphorylation of Oct4 is associated with the proliferation of stem-like cancer cells. <i>Oncology Reports</i> , 2015, 33, 1621-1629.	2.6	40
25	Dual-Purpose Magnesium-Incorporated Titanium Nanotubes for Combating Bacterial Infection and Ameliorating Osteolysis to Realize Better Osseointegration. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 5368-5383.	5.2	38
26	Biodegradable scaffolds as delivery systems for cell therapies. <i>Expert Opinion on Biological Therapy</i> , 2006, 6, 485-498.	3.1	37
27	Macrophage phenotype and its relationship with renal function in human diabetic nephropathy. <i>PLoS ONE</i> , 2019, 14, e0221991.	2.5	36
28	Graphene Oxide/Copper Nanoderivatives-Modified Chitosan/Hyaluronic Acid Dressings for Facilitating Wound Healing in Infected Full-Thickness Skin Defects. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 8231-8247.	6.7	36
29	Efficacy of coupled low-volume plasma exchange with plasma filtration adsorption in treating pigs with acute liver failure: A randomised study. <i>Journal of Hepatology</i> , 2015, 63, 378-387.	3.7	33
30	In vivo evaluation of the anti-infection potential of gentamicin-loaded nanotubes on titania implants. <i>International Journal of Nanomedicine</i> , 2016, 11, 2223.	6.7	31
31	Bacterial inhibition potential of quaternised chitosan-coated VICRYL absorbable suture: An in vitro and in vivo study. <i>Journal of Orthopaedic Translation</i> , 2017, 8, 49-61.	3.9	29
32	Downregulation of the expression of the lncRNA MIAT inhibits melanoma migration and invasion through the PI3K/AKT signaling pathway. <i>Cancer Biomarkers</i> , 2019, 24, 203-211.	1.7	29
33	FGFR1 regulates proliferation and metastasis by targeting CCND1 in FGFR1 amplified lung cancer. <i>Cell Adhesion and Migration</i> , 2020, 14, 82-95.	2.7	29
34	Achieving high breakdown strength and energy density in all-organic sandwich-structured dielectrics by introducing polyacrylate elastomers. <i>Journal of Materials Chemistry A</i> , 2022, 10, 9103-9113.	10.3	28
35	Impaired Interneuron Development after Foxg1 Disruption. <i>Cerebral Cortex</i> , 2017, 27, bhv297.	2.9	26
36	Preferential Colonization of Osteoblasts Over Co-cultured Bacteria on a Bifunctional Biomaterial Surface. <i>Frontiers in Microbiology</i> , 2018, 9, 2219.	3.5	24

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37	Enhanced autocrine FGF19/FGFR4 signaling drives the progression of lung squamous cell carcinoma, which responds to mTOR inhibitor AZD2104. <i>Oncogene</i> , 2020, 39, 3507-3521.	5.9	23
38	A comparative study of skin cell activities in collagen and fibrin constructs. <i>Medical Engineering and Physics</i> , 2016, 38, 854-861.	1.7	22
39	On-line fluorescent monitoring of the degradation of polymeric scaffolds for tissue engineering. <i>Analyst</i> , The, 2005, 130, 1502.	3.5	20
40	Small non-coding RNAs-based bone regulation and targeting therapeutic strategies. <i>Molecular and Cellular Endocrinology</i> , 2017, 456, 16-35.	3.2	20
41	Effectiveness of PD-1/PD-L1 inhibitors in the treatment of lung cancer: Brightness and challenge. <i>Science China Life Sciences</i> , 2020, 63, 1499-1514.	4.9	20
42	Nevirapine versus efavirenz for patients co-infected with HIV and tuberculosis: a systematic review and meta-analysis. <i>International Journal of Infectious Diseases</i> , 2014, 25, 130-135.	3.3	19
43	Hepatitis B Virus Middle Protein Enhances IL-6 Production via p38 MAPK/NF- κ B Pathways in an ER Stress-Dependent Manner. <i>PLoS ONE</i> , 2016, 11, e0159089.	2.5	19
44	Dual inhibiting OCT4 and AKT potently suppresses the propagation of human cancer cells. <i>Scientific Reports</i> , 2017, 7, 46246.	3.3	19
45	Enhanced liver but not muscle OXPHOS in diabetes and reduced glucose output by complex I inhibition. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 5758-5771.	3.6	19
46	Rapid deployment of SARS-CoV-2 testing: The CLIAHUB. <i>PLoS Pathogens</i> , 2020, 16, e1008966.	4.7	18
47	A facile in vitro model to study rapid mineralization in bone tissues. <i>BioMedical Engineering OnLine</i> , 2014, 13, 136.	2.7	17
48	The Sterile Inflammation in the Exacerbation of HBV-Associated Liver Injury. <i>Mediators of Inflammation</i> , 2015, 2015, 1-13.	3.0	17
49	Defining a turnover index for the correlation of biomaterial degradation and cell based extracellular matrix synthesis using fluorescent tagging techniques. <i>Acta Biomaterialia</i> , 2016, 45, 133-142.	8.3	17
50	A novel role for Bcl2l13 in promoting beige adipocyte biogenesis. <i>Biochemical and Biophysical Research Communications</i> , 2018, 506, 485-491.	2.1	17
51	Investigation of Conjunctival Fibrosis Response Using a 3D Glaucoma Tenon's Capsule + Conjunctival Model. , 2019, 60, 605.		17
52	Improvement of Decellularization Efficiency of Porcine Aorta Using Dimethyl Sulfoxide as a Penetration Enhancer. <i>Artificial Organs</i> , 2018, 42, 219-230.	1.9	16
53	The Impact of Subclinical Hypothyroidism on Adverse Perinatal Outcomes and the Role of Thyroid Screening in Pregnancy. <i>Frontiers in Endocrinology</i> , 2019, 10, 522.	3.5	15
54	Polymorphism in the Alternative Donor Site of the Cryptic Exon of LHCGR: Functional Consequences and Associations with Testosterone Level. <i>Scientific Reports</i> , 2017, 7, 45699.	3.3	14

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55	Calcitriol attenuates renal tubular epithelial cells apoptosis via inhibiting p38MAPK signaling in diabetic nephropathy. <i>Acta Diabetologica</i> , 2020, 57, 1327-1335.	2.5	14
56	An unexpected second binding site for polypeptide substrates is essential for Hsp70 chaperone activity. <i>Journal of Biological Chemistry</i> , 2020, 295, 584-596.	3.4	13
57	Comparison of synchronization between left bundle branch and his bundle pacing in atrial fibrillation patients: An intra-patient controlled study. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2021, 44, 1523-1531.	1.2	12
58	METTL3 promotes inflammation and cell apoptosis in a pediatric pneumonia model by regulating EZH2. <i>Allergologia Et Immunopathologia</i> , 2021, 49, 49-56.	1.7	12
59	MicroRNA-214-3p inhibits the stem-like properties of lung squamous cell cancer by targeting YAP1. <i>Cancer Cell International</i> , 2020, 20, 413.	4.1	11
60	Comparative Study of Two-Dimensional (2D) vs. Three-Dimensional (3D) Organotypic Keratinocyte-Fibroblast Skin Models for Staphylococcus aureus (MRSA) Infection. <i>International Journal of Molecular Sciences</i> , 2022, 23, 299.	4.1	11
61	Monitoring of lung tumour cell growth in artificial membranes. <i>Biosensors and Bioelectronics</i> , 2004, 20, 442-447.	10.1	10
62	A Modified Technique to Improve Reliability of Distally Based Sural Fasciocutaneous Flap for Reconstruction of Soft Tissue Defects Longitudinal in Distal Pretibial Region or Transverse in Heel and Ankle. <i>Journal of Foot and Ankle Surgery</i> , 2016, 55, 753-758.	1.0	10
63	Highly Effective Bone Fusion Induced by the Interbody Cage Made of Calcium Silicate/Polyetheretherketone in a Goat Model. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 2409-2416.	5.2	10
64	Cross-sectional study on the SF-36, the general self-efficacy, the social support, and the health promoting lifestyle of the young elderly in a community in Shanghai, China. <i>Annals of Palliative Medicine</i> , 2021, 10, 518-529.	1.2	10
65	DNMT3A Mutation-Induced CDK1 Overexpression Promotes Leukemogenesis by Modulating the Interaction between EZH2 and DNMT3A. <i>Biomolecules</i> , 2021, 11, 781.	4.0	10
66	Bola3 Regulates Beige Adipocyte Thermogenesis via Maintaining Mitochondrial Homeostasis and Lipolysis. <i>Frontiers in Endocrinology</i> , 2020, 11, 592154.	3.5	10
67	Predicted secreted protein analysis reveals synaptogenic function of Clstn3 during WAT browning and BAT activation in mice. <i>Acta Pharmacologica Sinica</i> , 2019, 40, 999-1009.	6.1	9
68	Ethanol extracts of chickpeas alter the total lipid content and expression levels of genes related to fatty acid metabolism in mouse 3T3-L1 adipocytes. <i>International Journal of Molecular Medicine</i> , 2016, 38, 574-584.	4.0	8
69	Macrophage Inflammatory Protein-2 in High Mobility Group Box 1 Secretion of Macrophage Cells Exposed to Lipopolysaccharide. <i>Cellular Physiology and Biochemistry</i> , 2017, 42, 913-928.	1.6	8
70	Regulation of endothelial cell arrangements within hMSC HUVEC co-cultured aggregates. <i>Biomedical Journal</i> , 2019, 42, 166-177.	3.1	8
71	Phosphorylcholine-Containing Polymers for Use in Cell Encapsulation. <i>Artificial Cells, Blood Substitutes, and Biotechnology</i> , 2004, 32, 91-104.	0.9	7
72	Systematic review and meta-analysis: dairy consumption and hepatocellular carcinoma risk. <i>Zeitschrift Fur Gesundheitswissenschaften</i> , 2017, 25, 591-599.	1.6	7

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73	Nanoscale TiO ₂ nanotubes as a basis for governing cell behaviors and application challenges. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 575-576.	6.7	7
74	Surface-Decorated Graphene Oxide Sheets with Copper Nanoderivatives for Bone Regeneration: An <i>In Vitro</i> and <i>In Vivo</i> Study Regarding Molecular Mechanisms, Osteogenesis, and Anti-infection Potential. <i>ACS Infectious Diseases</i> , 2022, 8, 499-515.	3.8	7
75	A Real-Time Monitoring System to Assess the Platelet Aggregatory Capacity of Components of a Tissue-Engineered Blood Vessel Wall. <i>Tissue Engineering - Part C: Methods</i> , 2016, 22, 691-699.	2.1	6
76	Fluorescent Labeling of Collagen Production by Cells for Noninvasive Imaging of Extracellular Matrix Deposition. <i>Tissue Engineering - Part C: Methods</i> , 2017, 23, 228-236.	2.1	6
77	Quaternized chitosan promotes the antiproliferative effect of vemurafenib in melanoma cells by increasing cell permeability. <i>OncoTargets and Therapy</i> , 2018, Volume 11, 8293-8299.	2.0	6
78	Bioactive silver phosphate/polyindole nanocomposites. <i>RSC Advances</i> , 2020, 10, 11060-11073.	3.6	6
79	The relationship between different subtypes of KRAS and PD-L1 & tumor mutation burden (TMB) based on next-generation sequencing (NGS) detection in Chinese lung cancer patients. <i>Translational Lung Cancer Research</i> , 2022, 11, 213-223.	2.8	6
80	Association between adefovir dipivoxil treatment and the risk of renal insufficiency in patients with chronic hepatitis B: A meta-analysis. <i>Biomedical Reports</i> , 2015, 3, 269-275.	2.0	5
81	Maintenance and Acceleration of Pericellular Matrix Formation within 3D Cartilage Cell Culture Models. <i>Cartilage</i> , 2021, 13, 847S-861S.	2.7	5
82	Mutation of the novel acetylation site at K414R of BECN1 is involved in adipocyte differentiation and lipolysis. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 6855-6863.	3.6	5
83	Accelerating and increasing nano-scaled pore formation on electrospun poly(3-hydroxybutyrate-co-3-hydroxyvalerate) fibers. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2016, 27, 1155-1169.	3.5	4
84	Identification of Sp1 as a Transcription Activator to Regulate Fibroblast Growth Factor 21 Gene Expression. <i>BioMed Research International</i> , 2017, 2017, 1-10.	1.9	4
85	Cooperation of Dnmt3a R878H with Nras G12D promotes leukemogenesis in knock-in mice: a pilot study. <i>BMC Cancer</i> , 2019, 19, 1072.	2.6	4
86	Expression of serum sCD163 in patients with liver diseases and inflammatory disorders. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 8419-25.	0.5	4
87	Survivin is essential for thermogenic program and metabolic homeostasis in mice. <i>Molecular Metabolism</i> , 2022, 58, 101446.	6.5	4
88	Novel Therapeutic Strategy for Bacteria-Contaminated Bone Defects: Reconstruction with Multi-Biofunctional GO/Cu-Incorporated 3D Scaffolds. <i>Advanced Therapeutics</i> , 2022, 5, .	3.2	4
89	PAK5 promotes the cell stemness ability by phosphorylating SOX2 in lung squamous cell carcinomas. <i>Experimental Cell Research</i> , 2020, 395, 112187.	2.6	3
90	Inhibition of GSDMD Activates Poly(ADP-ribosyl)ation and Promotes Myocardial Ischemia-Reperfusion Injury. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-14.	4.0	3

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91	Inhibition of duck hepatitis B virus replication by mimic peptides in vitro. <i>Experimental and Therapeutic Medicine</i> , 2015, 10, 1697-1703.	1.8	1
92	New insight into glycation levels and pelvic organ prolapse - A combination of clinical and biochemical studies. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2018, 231, 129-135.	1.1	1
93	Impact of delivery mode on the levels of essential trace elements in breast milk. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2020, 33, 3293-3299.	1.5	1
94	The Occurrence of Polymorphism of Mannose 6-phosphate/Insulin-like Growth Factor 2 Receptor Gene in Laboratory and Wild Rats. <i>Journal of UOEH</i> , 1999, 21, 199-208.	0.6	1
95	Soluble urokinase plasminogen activator receptor is associated with short-term mortality and enhanced reactive oxygen species production in acute-on-chronic liver failure. <i>BMC Gastroenterology</i> , 2021, 21, 429.	2.0	1
96	VraSR Regulatory System Contributes to the Virulence of Community-Associated Methicillin-Resistant <i>Staphylococcus aureus</i> (CA-MRSA) in a 3D-Skin Model and Skin Infection of Humanized Mouse Model. <i>Biomedicines</i> , 2022, 10, 35.	3.2	1
97	Development of a novel artificial liver support system. , 2011, , .		0
98	Letter to the editor regarding "Prognostic role of microRNA-150 in various carcinomas: a meta-analysis". <i>OncoTargets and Therapy</i> , 2017, Volume 10, 361-362.	2.0	0
99	Enhancing pseudoislet biofunctionality using gelatin bead technology. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2019, 68, 53-59.	3.4	0