

Yan Wu

List of Publications by Year in descending order

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91
papers

2,527
citations

218677

26
h-index

233421

45
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95
all docs

95
docs citations

95
times ranked

3975
citing authors

#	ARTICLE	IF	CITATIONS
1	Î”9-THC-Caused Synaptic and Memory Impairments Are Mediated through COX-2 Signaling. <i>Cell</i> , 2013, 155, 1154-1165.	28.9	166
2	Legumain promotes tubular ferroptosis by facilitating chaperone-mediated autophagy of GPX4 in AKI. <i>Cell Death and Disease</i> , 2021, 12, 65.	6.3	143
3	Composite scaffolds of nano-hydroxyapatite and silk fibroin enhance mesenchymal stem cell-based bone regeneration via the interleukin 1 alpha autocrine/paracrine signaling loop. <i>Biomaterials</i> , 2015, 49, 103-112.	11.4	130
4	Metformin Improves Functional Recovery After Spinal Cord Injury via Autophagy Flux Stimulation. <i>Molecular Neurobiology</i> , 2017, 54, 3327-3341.	4.0	114
5	The association between psychological stress and miscarriage: A systematic review and meta-analysis. <i>Scientific Reports</i> , 2017, 7, 1731.	3.3	111
6	Bone marrow-derived mesenchymal stem cell attenuates skin fibrosis development in mice. <i>International Wound Journal</i> , 2014, 11, 701-710.	2.9	108
7	A Gelatin-sulfonated Silk Composite Scaffold based on 3D Printing Technology Enhances Skin Regeneration by Stimulating Epidermal Growth and Dermal Neovascularization. <i>Scientific Reports</i> , 2017, 7, 4288.	3.3	104
8	A Bi-lineage Conductive Scaffold for Osteochondral Defect Regeneration. <i>Advanced Functional Materials</i> , 2014, 24, 4473-4483.	14.9	80
9	The Mechanism of Ferroptosis and Applications in Tumor Treatment. <i>Frontiers in Pharmacology</i> , 2020, 11, 1061.	3.5	72
10	The amelioration of cartilage degeneration by ADAMTS-5 inhibitor delivered in a hyaluronic acid hydrogel. <i>Biomaterials</i> , 2014, 35, 2827-2836.	11.4	64
11	3D-Printed Atstrin-incorporated Alginate/Hydroxyapatite Scaffold Promotes Bone Defect Regeneration with TNF/TNFR Signaling Involvement. <i>Advanced Healthcare Materials</i> , 2015, 4, 1701-1708.	7.6	60
12	Use of electroacupuncture and transcutaneous electrical acupoint stimulation in reproductive medicine: a group consensus. <i>Journal of Zhejiang University: Science B</i> , 2017, 18, 186-193.	2.8	60
13	Inhibition of Rac1 activity by controlled release of NSC23766 from chitosan microspheres effectively ameliorates osteoarthritis development in vivo. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 285-293.	0.9	56
14	Intra-Articular Transplantation of Atstrin-Transduced Mesenchymal Stem Cells Ameliorate Osteoarthritis Development. <i>Stem Cells Translational Medicine</i> , 2015, 4, 523-531.	3.3	48
15	Carbon monoxide releasing molecule-3 alleviates neuron death after spinal cord injury via inflammasome regulation. <i>EBioMedicine</i> , 2019, 40, 643-654.	6.1	48
16	Therapeutic effects of gefitinib-encapsulated thermosensitive injectable hydrogel in intervertebral disc degeneration. <i>Biomaterials</i> , 2018, 160, 56-68.	11.4	44
17	Platelet-derived growth factor receptor/platelet-derived growth factor (PDGFR/PDGF) system is a prognostic and treatment response biomarker with multifarious therapeutic targets in cancers. <i>Tumor Biology</i> , 2016, 37, 10053-10066.	1.8	42
18	Metformin ameliorates BSCB disruption by inhibiting neutrophil infiltration and MMP-9 expression but not direct TJ proteins expression regulation. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 3322-3336.	3.6	42

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19	Effect of curcumin on aging retinal pigment epithelial cells. <i>Drug Design, Development and Therapy</i> , 2015, 9, 5337.	4.3	40
20	Resveratrol ameliorates Lewis lung carcinoma-bearing mice development, decreases granulocytic myeloid-derived suppressor cell accumulation and impairs its suppressive ability. <i>Cancer Science</i> , 2018, 109, 2677-2686.	3.9	38
21	The effects of lactate and acid on articular chondrocytes function: Implications for polymeric cartilage scaffold design. <i>Acta Biomaterialia</i> , 2016, 42, 329-340.	8.3	37
22	Emerging roles of bexarotene in the prevention, treatment and anti-drug resistance of cancers. <i>Expert Review of Anticancer Therapy</i> , 2018, 18, 487-499.	2.4	36
23	Association between circadian rhythm disruption and polycystic ovary syndrome. <i>Fertility and Sterility</i> , 2021, 115, 771-781.	1.0	35
24	Effects of Glucose Metabolism, Lipid Metabolism, and Glutamine Metabolism on Tumor Microenvironment and Clinical Implications. <i>Biomolecules</i> , 2022, 12, 580.	4.0	35
25	Type II cGMP-dependent protein kinase inhibits EGF-triggered signal transduction of the MAPK/ERK-mediated pathway in gastric cancer cells. <i>Oncology Reports</i> , 2011, 27, 553-8.	2.6	29
26	Platelet-derived growth factor receptors (PDGFRs) fusion genes involvement in hematological malignancies. <i>Critical Reviews in Oncology/Hematology</i> , 2017, 109, 20-34.	4.4	28
27	A polybasic domain in aPKC mediates Par6-dependent control of membrane targeting and kinase activity. <i>Journal of Cell Biology</i> , 2020, 219, .	5.2	28
28	Type II cGMP-dependent protein kinase inhibits EGF-induced MAPK/JNK signal transduction in breast cancer cells. <i>Oncology Reports</i> , 2012, 27, 2039-44.	2.6	26
29	Gefitinib for Epidermal Growth Factor Receptor Activated Osteoarthritis Subpopulation Treatment. <i>EBioMedicine</i> , 2018, 32, 223-233.	6.1	26
30	RhoC Regulates the Proliferation of Gastric Cancer Cells through Interaction with IQGAP1. <i>PLoS ONE</i> , 2012, 7, e48917.	2.5	25
31	Antiphospholipid Antibody and Risk of Retinal Vein Occlusion: A Systematic Review and Meta-Analysis. <i>PLoS ONE</i> , 2015, 10, e0122814.	2.5	24
32	Insights into bone marrow-derived mesenchymal stem cells safety for cutaneous repair and regeneration. <i>International Wound Journal</i> , 2012, 9, 586-594.	2.9	22
33	Transcutaneous Electrical Acupoint Stimulation Improves the Outcomes of In Vitro Fertilization: A Prospective, Randomized and Controlled Study. <i>Explore: the Journal of Science and Healing</i> , 2017, 13, 306-312.	1.0	21
34	RhoC protein stimulates migration of gastric cancer cells through interaction with scaffold protein IQGAP1. <i>Molecular Medicine Reports</i> , 2011, 4, 697-703.	2.4	20
35	Programmed Application of Transforming Growth Factor β 3 and Rac1 Inhibitor NSC23766 Committed Hyaline Cartilage Differentiation of Adipose-Derived Stem Cells for Osteochondral Defect Repair. <i>Stem Cells Translational Medicine</i> , 2014, 3, 1242-1251.	3.3	20
36	Type II cyclic guanosine monophosphate-dependent protein kinase inhibits Rac1 activation in gastric cancer cells. <i>Oncology Letters</i> , 2015, 10, 502-508.	1.8	20

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37	The mir-675-5p regulates the progression and development of pancreatic cancer via the UBQLN1-ZEB1-mir200 axis. <i>Oncotarget</i> , 2017, 8, 24978-24987.	1.8	20
38	Acupuncture for treating polycystic ovary syndrome: guidance for future randomized controlled trials. <i>Journal of Zhejiang University: Science B</i> , 2016, 17, 169-180.	2.8	19
39	The platelet-derived growth factors (PDGFs) and their receptors (PDGFRs) are major players in oncogenesis, drug resistance, and attractive oncologic targets in cancer. <i>Growth Factors</i> , 2016, 34, 64-71.	1.7	19
40	Risk factors of recompression of cemented vertebrae after kyphoplasty for osteoporotic vertebral compression fractures. <i>International Orthopaedics</i> , 2016, 40, 1285-1290.	1.9	18
41	American, European, and Chinese practice guidelines or consensuses of polycystic ovary syndrome: a comparative analysis. <i>Journal of Zhejiang University: Science B</i> , 2018, 19, 354-363.	2.8	18
42	Preoperative hypoalbuminemia is an independent risk factor for postoperative complications in Crohn's disease patients with normal BMI: A cohort study. <i>International Journal of Surgery</i> , 2020, 79, 294-299.	2.7	18
43	Cross-linked hyaluronic acid gel inhibits metastasis and growth of gastric and hepatic cancer cells: in vitro and in vivo studies. <i>Oncotarget</i> , 2016, 7, 65418-65428.	1.8	18
44	Delivery of epidermal growth factor receptor inhibitor via a customized collagen scaffold promotes meniscal defect regeneration in a rabbit model. <i>Acta Biomaterialia</i> , 2017, 62, 210-221.	8.3	17
45	The constitutively active PKG II mutant effectively inhibits gastric cancer development via a blockade of EGF/EGFR-associated signalling cascades. <i>Therapeutic Advances in Medical Oncology</i> , 2018, 10, 175883401775163.	3.2	17
46	Femtosecond laser-assisted deep anterior lamellar keratoplasty for keratoconus and keratectasia. <i>International Journal of Ophthalmology</i> , 2014, 7, 638-43.	1.1	17
47	The clinical significance of platelet-derived growth factors (PDGFs) and their receptors (PDGFRs) in gastric cancer: A systematic review and meta-analysis. <i>Critical Reviews in Oncology/Hematology</i> , 2018, 127, 15-28.	4.4	16
48	PKG II reverses HGF-triggered cellular activities by phosphorylating serine 985 of c-Met in gastric cancer cells. <i>Oncotarget</i> , 2016, 7, 34190-34200.	1.8	16
49	Hypermethylation of the Nrf2 Promoter Induces Ferroptosis by Inhibiting the Nrf2-GPX4 Axis in COPD. <i>International Journal of COPD</i> , 2021, Volume 16, 3347-3362.	2.3	16
50	Co-inhibition of Pol β and ATR sensitizes cisplatin-resistant non-small cell lung cancer cells to cisplatin by impeding DNA damage repair. <i>Acta Pharmacologica Sinica</i> , 2018, 39, 1359-1372.	6.1	15
51	Asparagine endopeptidase-targeted Ultrasound-responsive Nanobubbles Alleviate Tau Cleavage and Amyloid- β Deposition in an Alzheimer's Disease Model. <i>Acta Biomaterialia</i> , 2022, 141, 388-397.	8.3	15
52	Impact of DNA mismatch repair system alterations on human fertility and related treatments. <i>Journal of Zhejiang University: Science B</i> , 2016, 17, 10-20.	2.8	14
53	The importance of sarcopenia as a prognostic predictor of the clinical course in acute severe ulcerative colitis patients. <i>Digestive and Liver Disease</i> , 2021, 53, 965-971.	0.9	14
54	High levels of GSK-3 β signalling reduce osteogenic differentiation of stem cells in osteonecrosis of femoral head. <i>Journal of Biochemistry</i> , 2018, 163, 243-251.	1.7	13

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55	A network pharmacology approach to explore active compounds and pharmacological mechanisms of a patented Chinese herbal medicine in the treatment of endometriosis. <i>PLoS ONE</i> , 2022, 17, e0263614.	2.5	13
56	ANG II facilitated CD11+Ly6Chi cells reprogramming into M1-like macrophage through Erk1/2 or p38-Stat3 pathway and involved in EAM. <i>Journal of Leukocyte Biology</i> , 2018, 103, 719-730.	3.3	12
57	Active PKG II inhibited the growth and migration of ovarian cancer cells through blocking Raf/MEK and PI3K/Akt signaling pathways. <i>Bioscience Reports</i> , 2019, 39, .	2.4	12
58	Downregulation of IQGAP1 inhibits epithelial-mesenchymal transition via the HIF1 α /VEGF α signaling pathway in gastric cancer. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 15790-15799.	2.6	12
59	Expressing Status and Correlation of ARID1A and Histone H2B on Breast Cancer. <i>BioMed Research International</i> , 2016, 2016, 1-9.	1.9	10
60	Suppression of the FA pathway combined with CHK1 inhibitor hypersensitize lung cancer cells to gemcitabine. <i>Scientific Reports</i> , 2017, 7, 15031.	3.3	10
61	Outcomes of neonates born following transfers of frozen-thawed cleavage-stage embryos with blastomere loss: a prospective, multicenter, cohort study. <i>BMC Medicine</i> , 2018, 16, 96.	5.5	10
62	The effects of acupuncture on pregnancy outcomes of in vitro fertilization with embryo transfer: An interdisciplinary systematic review. <i>Journal of Gynecology Obstetrics and Human Reproduction</i> , 2019, 48, 677-684.	1.3	10
63	Application of Immune Infiltration Signature and Machine Learning Model in the Differential Diagnosis and Prognosis of Bone-Related Malignancies. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 630355.	3.7	10
64	Evaluation of meibomian gland and tear film changes in patients with pterygium. <i>Indian Journal of Ophthalmology</i> , 2017, 65, 233.	1.1	10
65	Cross-linked hyaluronan gel inhibits the growth and metastasis of ovarian carcinoma. <i>Journal of Ovarian Research</i> , 2018, 11, 22.	3.0	9
66	Type II cGMP-dependent protein kinase phosphorylates EGFR at threonine 669 and thereby inhibits its activation. <i>Biochemical and Biophysical Research Communications</i> , 2019, 518, 14-18.	2.1	9
67	Sarcopenia assessed by computed tomography is associated with colectomy in patients with acute severe ulcerative colitis. <i>European Journal of Clinical Nutrition</i> , 2022, 76, 410-418.	2.9	9
68	Treatment efficacy of HER2-mutant lung adenocarcinoma by immune checkpoint inhibitors: a multicenter retrospective study. <i>Cancer Immunology, Immunotherapy</i> , 2022, 71, 1625-1631.	4.2	9
69	Type II cGMP-dependent protein kinase inhibits EGF-induced JAK/STAT signaling in gastric cancer cells. <i>Molecular Medicine Reports</i> , 2016, 14, 1849-1856.	2.4	8
70	Nicotinamide Mononucleotide Ameliorates Cellular Senescence and Inflammation Caused by Sodium Iodate in RPE. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-23.	4.0	8
71	Angiotensin II-C chemokine receptor2/5 axis-dependent monocyte/macrophage recruitment contributes to progression of experimental autoimmune myocarditis. <i>Microbiology and Immunology</i> , 2017, 61, 539-546.	1.4	7
72	CO-Releasing Molecule (CORM)-3 Ameliorates Spinal Cord-Blood Barrier Disruption Following Injury to the Spinal Cord. <i>Frontiers in Pharmacology</i> , 2020, 11, 761.	3.5	7

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73	PKG II inhibits PDGF α -BB triggered biological activities by phosphorylating PDGFR β in gastric cancer cells. <i>Cell Biology International</i> , 2018, 42, 1358-1369.	3.0	6
74	Synaptosomal-Associated Protein 25 Gene Polymorphisms Affect Treatment Efficiency of Methylphenidate in Children With Attention-Deficit Hyperactivity Disorder: An fNIRS Study. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 793643.	2.0	6
75	Type II cGMP-dependent protein kinase inhibits the migration, invasion and proliferation of several types of human cancer cells. <i>Molecular Medicine Reports</i> , 2017, 16, 5729-5737.	2.4	5
76	Structure and function of IQ-domain GTPase-activating protein 1 and its association with tumor progression (Review). <i>Biomedical Reports</i> , 2014, 2, 3-6.	2.0	4
77	Nitric oxide/cyclic guanosine monophosphate inducers sodium nitroprusside and L-arginine inhibit the proliferation of gastric cancer cells via the activation of type II cyclic guanosine monophosphate-dependent protein kinase. <i>Oncology Letters</i> , 2015, 10, 479-484.	1.8	4
78	Correlation Between Expression of High Temperature Requirement Serine Protease A1 (HtrA1) in Nucleus Pulposus and T2 Value of Magnetic Resonance Imaging. <i>Medical Science Monitor</i> , 2017, 23, 1940-1946.	1.1	4
79	Effect of Acupoint Hot Compress on Postpartum Urinary Retention After Vaginal Delivery. <i>JAMA Network Open</i> , 2022, 5, e2213261.	5.9	4
80	Type II cyclic guanosine monophosphate-dependent protein kinase inhibits epidermal growth factor receptor activation in different cancer cell lines. <i>Oncology Letters</i> , 2015, 9, 2781-2786.	1.8	3
81	PKG II effectively reversed EGF α -induced protein expression alterations in human gastric cancer cell lines. <i>Cell Biology International</i> , 2018, 42, 435-442.	3.0	3
82	Transcutaneous electrical acupoint stimulation alleviates the hyperandrogenism of polycystic ovarian syndrome rats by regulating the expression of P450arom and CTGF in the ovaries. <i>International Journal of Clinical and Experimental Medicine</i> , 2015, 8, 7754-61.	1.3	3
83	Type II cGMP-dependent protein kinase directly inhibits HER2 activation of gastric cancer cells. <i>Molecular Medicine Reports</i> , 2016, 13, 1909-1913.	2.4	2
84	The diagnostic value of extracellular protein kinase A (ECPKA) in serum for gastric and colorectal cancer. <i>Translational Cancer Research</i> , 2020, 9, 3870-3878.	1.0	2
85	The double-edged role of IL-22 in organ fibrosis. <i>Immunopharmacology and Immunotoxicology</i> , 2020, 42, 392-399.	2.4	1
86	Secretory PKG II blocks activation of PDGFR β via Ser254 in gastric cancer cells. <i>Cell Biology International</i> , 2022, , .	3.0	1
87	PKG II secreted via the classical endoplasmic reticulum-Golgi apparatus secretory pathway blocks the activation of EGFR through phosphorylating its threonine 406 and has an anti-tumor effect. <i>Frontiers in Bioscience</i> , 2022, 27, 053.	2.1	1
88	Manipulating Metabolic Alterations and their Consequences to Unleash the Potential of Antitumor Immunotherapy. <i>Current Protein and Peptide Science</i> , 2022, 23, 585-601.	1.4	1
89	Expression of EV71-VP1 Protein and Preparation of Its Polyclonal Antibody. , 2009, , .		0
90	Protein Kinases Type II (PKG II) Combined with L-Arginine Significantly Ameliorated Xenograft Tumor Development: Is L-Arginine a Potential Alternative in PKG II Activation?. <i>Medical Science Monitor</i> , 2018, 24, 736-742.	1.1	0

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91	Extracellular protein kinase A and G are potential biomarkers of some inflammation-associated disorders. <i>European Journal of Inflammation</i> , 2022, 20, 1721727X2211051.	0.5	0