

Xiawei Wei

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/10511510/xiawei-wei-publications-by-year.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

77
papers

3,125
citations

26
h-index

55
g-index

82
ext. papers

4,524
ext. citations

10.1
avg, IF

5.57
L-index

#	Paper	IF	Citations
77	Inhibition of NPC1L1 disrupts adaptive responses of drug-tolerant persister cells to chemotherapy.. <i>EMBO Molecular Medicine</i> , 2022 , e14903	12	11
76	Biomaterial-assisted biotherapy: A brief review of biomaterials used in drug delivery, vaccine development, gene therapy, and stem cell therapy.. <i>Bioactive Materials</i> , 2022 , 17, 29-48	16.7	3
75	Protocols for measuring phosphorylation, subcellular localization, and kinase activity of Hippo pathway components YAP and LATS in cultured cells.. <i>STAR Protocols</i> , 2022 , 3, 101102	1.4	
74	SARS-CoV-2 Omicron variant: Immune escape and vaccine development.. <i>MedComm</i> , 2022 , 3, e126	2.2	13
73	Spike protein of SARS-CoV-2 Omicron (B.1.1.529) variant have a reduced ability to induce the immune response.. <i>Signal Transduction and Targeted Therapy</i> , 2022 , 7, 119	21	5
72	Criteria for judging the immune markers of COVID-19 disease vaccines.. <i>MedComm</i> , 2022 , 3, 1-12	2.2	1
71	Intranasal administration of a recombinant RBD vaccine induces long-term immunity against Omicron-included SARS-CoV-2 variants.. <i>Signal Transduction and Targeted Therapy</i> , 2022 , 7, 159	21	0
70	Oxidized mitochondrial DNA sensing by STING signaling promotes the antitumor effect of an irradiated immunogenic cancer cell vaccine. <i>Cellular and Molecular Immunology</i> , 2021 , 18, 2211-2223	15.4	13
69	SARS-CoV-2 Omicron variant: Characteristics and prevention.. <i>MedComm</i> , 2021 ,	2.2	85
68	Structural basis for bacterial lipoprotein relocation by the transporter LolCDE. <i>Nature Structural and Molecular Biology</i> , 2021 , 28, 347-355	17.6	12
67	Inhibition of FGF-FGFR and VEGF-VEGFR signalling in cancer treatment. <i>Cell Proliferation</i> , 2021 , 54, e13099	10.9	19
66	A bivalent recombinant vaccine targeting the S1 protein induces neutralizing antibodies against both SARS-CoV-2 variants and wild-type of the virus. <i>MedComm</i> , 2021 , 2, 430	2.2	13
65	Role of lysosomes in physiological activities, diseases, and therapy. <i>Journal of Hematology and Oncology</i> , 2021 , 14, 79	22.4	15
64	Crystalline silica induces macrophage necrosis and causes subsequent acute pulmonary neutrophilic inflammation. <i>Cell Biology and Toxicology</i> , 2021 , 1	7.4	1
63	Silver nanoparticles and silver ions cause inflammatory response through induction of cell necrosis and the release of mitochondria in vivo and in vitro. <i>Cell Biology and Toxicology</i> , 2021 , 37, 177-191	7.4	10
62	The molecular mechanisms of MLKL-dependent and MLKL-independent necrosis. <i>Journal of Molecular Cell Biology</i> , 2021 , 13, 3-14	6.3	2
61	Targeting Myeloid-Derived Suppressor Cells for Premetastatic Niche Disruption After Tumor Resection. <i>Annals of Surgical Oncology</i> , 2021 , 28, 4030-4048	3.1	11

60	Structural insights into outer membrane asymmetry maintenance in Gram-negative bacteria by MlaFEDB. <i>Nature Structural and Molecular Biology</i> , 2021 , 28, 81-91	17.6	17
59	ASO Author Reflections: Perioperative Targeting of the Pre-metastatic Niche Reduces Metastatic Risk After Resection of Solid Tumors. <i>Annals of Surgical Oncology</i> , 2021 , 28, 4049-4050	3.1	
58	Inflammatory Cytokines in Cancer: Comprehensive Understanding and Clinical Progress in Gene Therapy. <i>Cells</i> , 2021 , 10,	7.9	16
57	Targeting the MDSCs of Tumors In Situ With Inhibitors of the MAPK Signaling Pathway to Promote Tumor Regression. <i>Frontiers in Oncology</i> , 2021 , 11, 647312	5.3	0
56	The molecular mechanism of acute liver injury and inflammatory response induced by Concanavalin A.. <i>Molecular Biomedicine</i> , 2021 , 2, 24	3.1	2
55	Role of the CCL2-CCR2 signalling axis in cancer: Mechanisms and therapeutic targeting. <i>Cell Proliferation</i> , 2021 , 54, e13115	7.9	11
54	Graphene promotes lung cancer metastasis through Wnt signaling activation induced by DAMPs. <i>Nano Today</i> , 2021 , 39, 101175	17.9	2
53	Lymph-Node-Targeted Cholesterolized TLR7 Agonist Liposomes Provoke a Safe and Durable Antitumor Response. <i>Nano Letters</i> , 2021 , 21, 7960-7969	11.5	3
52	A mouse model for SARS-CoV-2-induced acute respiratory distress syndrome. <i>Signal Transduction and Targeted Therapy</i> , 2021 , 6, 1	21	161
51	Immunological perspectives on the pathogenesis, diagnosis, prevention and treatment of COVID-19. <i>Molecular Biomedicine</i> , 2021 , 2, 1	3.1	6
50	Inactivated SARS-CoV-2 induces acute respiratory distress syndrome in human ACE2-transgenic mice.. <i>Signal Transduction and Targeted Therapy</i> , 2021 , 6, 439	21	5
49	Coronavirus in human diseases: Mechanisms and advances in clinical treatment. <i>MedComm</i> , 2020 , 1, 270	2.2	11
48	Surgical trauma-induced immunosuppression in cancer: Recent advances and the potential therapies. <i>Clinical and Translational Medicine</i> , 2020 , 10, 199-223	5.7	28
47	A dual MET/AXL small-molecule inhibitor exerts efficacy against gastric carcinoma through killing cancer cells as well as modulating tumor microenvironment. <i>MedComm</i> , 2020 , 1, 103-118	2.2	4
46	In situ antitumor vaccination: Targeting the tumor microenvironment. <i>Journal of Cellular Physiology</i> , 2020 , 235, 5490-5500	7	12
45	Jumonji domain-containing protein 6 protein and its role in cancer. <i>Cell Proliferation</i> , 2020 , 53, e12747	7.9	15
44	Targeting folate receptor β -positive tumor-associated macrophages in lung cancer with a folate-modified liposomal complex. <i>Signal Transduction and Targeted Therapy</i> , 2020 , 5, 6	21	34
43	Carbon black nanoparticles induce cell necrosis through lysosomal membrane permeabilization and cause subsequent inflammatory response. <i>Theranostics</i> , 2020 , 10, 4589-4605	12.1	19

42	Epigenetic regulation of macrophages: from homeostasis maintenance to host defense. <i>Cellular and Molecular Immunology</i> , 2020 , 17, 36-49	15.4	85
41	Targeted activation of Stat3 in combination with paclitaxel results in increased apoptosis in epithelial ovarian cancer cells and a reduced tumour burden. <i>Cell Proliferation</i> , 2020 , 53, e12719	7.9	9
40	Radiomics based on F-FDG PET/CT could differentiate breast carcinoma from breast lymphoma using machine-learning approach: A preliminary study. <i>Cancer Medicine</i> , 2020 , 9, 496-506	4.8	19
39	A vaccine targeting the RBD of the S protein of SARS-CoV-2 induces protective immunity. <i>Nature</i> , 2020 , 586, 572-577	50.4	348
38	Heat stress activates YAP/TAZ to induce the heat shock transcriptome. <i>Nature Cell Biology</i> , 2020 , 22, 1447-1459	23.4	19
37	Cationic nanocarriers as potent adjuvants for recombinant S-RBD vaccine of SARS-CoV-2. <i>Signal Transduction and Targeted Therapy</i> , 2020 , 5, 291	21	7
36	Modular Engineering of Targeted Dual-Drug Nanoassemblies for Cancer Chemoimmunotherapy. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 36371-36382	9.5	11
35	Myeloid-Derived Suppressor Cells Promote Metastasis in Breast Cancer After the Stress of Operative Removal of the Primary Cancer. <i>Frontiers in Oncology</i> , 2019 , 9, 855	5.3	31
34	Multimode MicroRNA Sensing via Multiple Enzyme-Free Signal Amplification and Cation-Exchange Reaction. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 36476-36484	9.5	28
33	Cryo-EM structures of lipopolysaccharide transporter LptBFGC in lipopolysaccharide or AMP-PNP-bound states reveal its transport mechanism. <i>Nature Communications</i> , 2019 , 10, 4175	17.4	26
32	Sensitive CVG-AFS/ICP-MS label-free nucleic acid and protein assays based on a selective cation exchange reaction and simple filtration separation. <i>Analyst, The</i> , 2019 , 144, 2797-2802	5	15
31	A general strategy for label-free homogeneous bioassays based on selective recognition and silver ion-mediated conformational switch. <i>Talanta</i> , 2019 , 201, 9-15	6.2	9
30	Induction of neutrophil extracellular traps during tissue injury: Involvement of STING and Toll-like receptor 9 pathways. <i>Cell Proliferation</i> , 2019 , 52, e12579	7.9	32
29	Opportunities and challenges in the nanoparticles for nucleic acid therapeutics: the first approval of an RNAi nanoparticle for treatment of a rare disease. <i>National Science Review</i> , 2019 , 6, 1105-1106	10.8	1
28	Repurposing Brigatinib for the Treatment of Colorectal Cancer Based on Inhibition of ER-phagy. <i>Theranostics</i> , 2019 , 9, 4878-4892	12.1	24
27	Jumonji domain-containing 6 (JMJD6) identified as a potential therapeutic target in ovarian cancer. <i>Signal Transduction and Targeted Therapy</i> , 2019 , 4, 24	21	20
26	Rapid and simple detection of ascorbic acid and alkaline phosphatase via controlled generation of silver nanoparticles and selective recognition. <i>Analyst, The</i> , 2019 , 144, 1147-1152	5	31
25	Tumor cells induce LAMP2a expression in tumor-associated macrophage for cancer progression. <i>EBioMedicine</i> , 2019 , 40, 118-134	8.8	27

24	Current Status of Nonviral Vectors for Gene Therapy in China. <i>Human Gene Therapy</i> , 2018 , 29, 110-120	4.8	11
23	Negative regulation of cationic nanoparticle-induced inflammatory toxicity through the increased production of prostaglandin E2 via mitochondrial DNA-activated Ly6C monocytes. <i>Theranostics</i> , 2018 , 8, 3138-3152	12.1	18
22	Hyaluronan Reduces Cationic Liposome-Induced Toxicity and Enhances the Antitumor Effect of Targeted Gene Delivery in Mice. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 32006-32016	9.5	21
21	Targeted Nanoparticle-Mediated Gene Therapy Mimics Oncolytic Virus for Effective Melanoma Treatment. <i>Advanced Functional Materials</i> , 2018 , 28, 1800173	15.6	8
20	Cholesterol-modified Hydroxychloroquine-loaded Nanocarriers in Bleomycin-induced Pulmonary Fibrosis. <i>Scientific Reports</i> , 2017 , 7, 10737	4.9	19
19	Autophagy impairment with lysosomal and mitochondrial dysfunction is an important characteristic of oxidative stress-induced senescence. <i>Autophagy</i> , 2017 , 13, 99-113	10.2	150
18	Artificial Virus Delivers CRISPR-Cas9 System for Genome Editing of Cells in Mice. <i>ACS Nano</i> , 2017 , 11, 95-111	16.7	161
17	Mitochondrial DNA in the regulation of innate immune responses. <i>Protein and Cell</i> , 2016 , 7, 11-6	7.2	94
16	AMPK activation protects cells from oxidative stress-induced senescence via autophagic flux restoration and intracellular NAD(+) elevation. <i>Aging Cell</i> , 2016 , 15, 416-27	9.9	159
15	Inhibition of A20 expression in tumor microenvironment exerts anti-tumor effect through inducing myeloid-derived suppressor cells apoptosis. <i>Scientific Reports</i> , 2015 , 5, 16437	4.9	14
14	Cationic nanocarriers induce cell necrosis through impairment of Na(+)/K(+)-ATPase and cause subsequent inflammatory response. <i>Cell Research</i> , 2015 , 25, 237-53	24.7	162
13	Thermosensitive Cyclodextrin modified poly(ϵ -caprolactone)-poly(ethylene glycol)-poly(ϵ -caprolactone) micelles prolong the anti-inflammatory effect of indomethacin following local injection. <i>Acta Biomaterialia</i> , 2013 , 9, 6953-63	10.8	20
12	Improving antiangiogenesis and anti-tumor activity of curcumin by biodegradable polymeric micelles. <i>Biomaterials</i> , 2013 , 34, 1413-32	15.6	176
11	Preparation, characterization and application of star-shaped PCL/PEG micelles for the delivery of doxorubicin in the treatment of colon cancer. <i>International Journal of Nanomedicine</i> , 2013 , 8, 971-82	7.3	61
10	Novel thermosensitive hydrogel for preventing formation of abdominal adhesions. <i>International Journal of Nanomedicine</i> , 2013 , 8, 2453-63	7.3	26
9	Preparation and characterization of monomethoxy poly(ethylene glycol)-poly(ϵ -caprolactone) micelles for the solubilization and in vivo delivery of luteolin. <i>International Journal of Nanomedicine</i> , 2013 , 8, 3061-9	7.3	24
8	Anticancer effect and mechanism of polymer micelle-encapsulated quercetin on ovarian cancer. <i>Nanoscale</i> , 2012 , 4, 7021-30	7.7	107
7	Delivering instilled hydrophobic drug to the bladder by a cationic nanoparticle and thermo-sensitive hydrogel composite system. <i>Nanoscale</i> , 2012 , 4, 6425-33	7.7	52

6	Biodegradable self-assembled PEG-PCL-PEG micelles for hydrophobic drug delivery, part 2: in vitro and in vivo toxicity evaluation. <i>Journal of Nanoparticle Research</i> , 2011 , 13, 721-731	2-3	40
5	PCL/PEG copolymeric nanoparticles: potential nanoplatforms for anticancer agent delivery. <i>Current Drug Targets</i> , 2011 , 12, 1131-50	3	73
4	Biodegradable self-assembled PEG-PCL-PEG micelles for hydrophobic honokiol delivery: I. Preparation and characterization. <i>Nanotechnology</i> , 2010 , 21, 215103	3-4	67
3	Biodegradable poly(epsilon-caprolactone)-poly(ethylene glycol) copolymers as drug delivery system. <i>International Journal of Pharmaceutics</i> , 2009 , 381, 1-18	6.5	295
2	Self-assembled honokiol-loaded micelles based on poly(epsilon-caprolactone)-poly(ethylene glycol)-poly(epsilon-caprolactone) copolymer. <i>International Journal of Pharmaceutics</i> , 2009 , 369, 170-5	6.5	61
1	Nanoparticles targeting tumor-associated macrophages: A novel anti-tumor therapy. <i>Nano Research</i> , 1	10	0