

Fei Yan

List of Publications by Year in descending order

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Version: 2024-02-01

72
papers

2,319
citations

186265

28
h-index

233421

45
g-index

73
all docs

73
docs citations

73
times ranked

3117
citing authors

#	ARTICLE	IF	CITATIONS
1	A dynamic N6-methyladenosine methylome regulates intrinsic and acquired resistance to tyrosine kinase inhibitors. <i>Cell Research</i> , 2018, 28, 1062-1076.	12.0	152
2	Tumor-Associated-Macrophage-Membrane-Coated Nanoparticles for Improved Photodynamic Immunotherapy. <i>Nano Letters</i> , 2021, 21, 5522-5531.	9.1	106
3	Fatty Acid-Binding Protein E-FABP Restricts Tumor Growth by Promoting IFN- γ Responses in Tumor-Associated Macrophages. <i>Cancer Research</i> , 2014, 74, 2986-2998.	0.9	97
4	Circulating Adipose Fatty Acid Binding Protein Is a New Link Underlying Obesity-Associated Breast/Mammary Tumor Development. <i>Cell Metabolism</i> , 2018, 28, 689-705.e5.	16.2	93
5	Expression of Adipocyte/Macrophage Fatty Acid-Binding Protein in Tumor-Associated Macrophages Promotes Breast Cancer Progression. <i>Cancer Research</i> , 2018, 78, 2343-2355.	0.9	92
6	Bortezomib-Encapsulated CuS/Carbon Dot Nanocomposites for Enhanced Photothermal Therapy via Stabilization of Polyubiquitinated Substrates in the Proteasomal Degradation Pathway. <i>ACS Nano</i> , 2020, 14, 10688-10703.	14.6	88
7	Targeting epigenetic pathway with gold nanoparticles for acute myeloid leukemia therapy. <i>Biomaterials</i> , 2018, 167, 80-90.	11.4	83
8	Incorporation of metal-organic frameworks into electrospun chitosan/poly (vinyl alcohol) nanofibrous membrane with enhanced antibacterial activity for wound dressing application. <i>International Journal of Biological Macromolecules</i> , 2020, 158, 9-17.	7.5	82
9	Randomized Phase II Trial of Lyophilized Strawberries in Patients with Dysplastic Precancerous Lesions of the Esophagus. <i>Cancer Prevention Research</i> , 2012, 5, 41-50.	1.5	74
10	Restoration of miR-101 suppresses lung tumorigenesis through inhibition of DNMT3a-dependent DNA methylation. <i>Cell Death and Disease</i> , 2014, 5, e1413-e1413.	6.3	70
11	TICT-Based Near-Infrared Ratiometric Organic Fluorescent Thermometer for Intracellular Temperature Sensing. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 26842-26851.	8.0	70
12	AML1/ETO cooperates with HIF1 α to promote leukemogenesis through DNMT3a transactivation. <i>Leukemia</i> , 2015, 29, 1730-1740.	7.2	69
13	Fatty acid-binding protein FABP4 mechanistically links obesity with aggressive AML by enhancing aberrant DNA methylation in AML cells. <i>Leukemia</i> , 2017, 31, 1434-1442.	7.2	67
14	Hybrid membrane camouflaged copper sulfide nanoparticles for photothermal-chemotherapy of hepatocellular carcinoma. <i>Acta Biomaterialia</i> , 2020, 111, 363-372.	8.3	64
15	Elevated Cellular PD1/PD-L1 Expression Confers Acquired Resistance to Cisplatin in Small Cell Lung Cancer Cells. <i>PLoS ONE</i> , 2016, 11, e0162925.	2.5	63
16	Dynamic Hydrophobic Domains Enable the Fabrication of Mechanically Robust and Highly Elastic Poly(vinyl alcohol)-Based Hydrogels with Excellent Self-Healing Ability. , 2020, 2, 764-770.		59
17	Saikosaponin D exhibits anti-leukemic activity by targeting FTO/m ⁶ A signaling. <i>Theranostics</i> , 2021, 11, 5831-5846.	10.0	57
18	Photothermal therapy mediated by gold nanocages composed of anti-PDL1 and galunisertib for improved synergistic immunotherapy in colorectal cancer. <i>Acta Biomaterialia</i> , 2021, 134, 621-632.	8.3	50

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19	A trifunctional enzyme with glutathione S-transferase, glutathione peroxidase and superoxide dismutase activity. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2008, 1780, 869-872.	2.4	48
20	A nucleolin-DNMT1 regulatory axis in acute myeloid leukemogenesis. <i>Oncotarget</i> , 2014, 5, 5494-5509.	1.8	47
21	Saikosaponin D loaded macrophage membrane-biomimetic nanoparticles target angiogenic signaling for breast cancer therapy. <i>Applied Materials Today</i> , 2020, 18, 100505.	4.3	45
22	Glutathione- α -Bioimprinted Nanoparticles Targeting of N ⁶ -methyladenosine FTO Demethylase as a Strategy against Leukemic Stem Cells. <i>Small</i> , 2022, 18, e2106558.	10.0	45
23	A vicious loop of fatty acid-binding protein 4 and DNA methyltransferase 1 promotes acute myeloid leukemia and acts as a therapeutic target. <i>Leukemia</i> , 2018, 32, 865-873.	7.2	44
24	Thymoquinone exerts potent growth-suppressive activity on leukemia through DNA hypermethylation reversal in leukemia cells. <i>Oncotarget</i> , 2017, 8, 34453-34467.	1.8	42
25	Ataxia telangiectasia mutated inhibitor-loaded copper sulfide nanoparticles for low-temperature photothermal therapy of hepatocellular carcinoma. <i>Acta Biomaterialia</i> , 2021, 127, 276-286.	8.3	37
26	Gold Nanorods Exhibit Intrinsic Therapeutic Activity via Controlling N ⁶ -Methyladenosine-Based Epitranscriptomics in Acute Myeloid Leukemia. <i>ACS Nano</i> , 2021, 15, 17689-17704.	14.6	36
27	Facile surface functionalization of upconversion nanoparticles with phosphoryl pillar[5]arenes for controlled cargo release and cell imaging. <i>Chemical Communications</i> , 2018, 54, 12990-12993.	4.1	35
28	Combining Gemcitabine-Loaded Macrophage-like Nanoparticles and Erlotinib for Pancreatic Cancer Therapy. <i>Molecular Pharmaceutics</i> , 2021, 18, 2495-2506.	4.6	35
29	Glycyrrhetic acid nanoparticles combined with ferrotherapy for improved cancer immunotherapy. <i>Acta Biomaterialia</i> , 2022, 144, 109-120.	8.3	34
30	A cage-based covalent organic framework for drug delivery. <i>New Journal of Chemistry</i> , 2021, 45, 3343-3348.	2.8	31
31	The DNA Methyltransferase DNMT1 and Tyrosine-Protein Kinase KIT Cooperatively Promote Resistance to 5-Aza-2'-deoxycytidine (Decitabine) and Midostaurin (PKC412) in Lung Cancer Cells. <i>Journal of Biological Chemistry</i> , 2015, 290, 18480-18494.	3.4	27
32	Multifunctional Gold Nanoparticles Overcome MicroRNA Regulatory Network Mediated-Multidrug Resistant Leukemia. <i>Scientific Reports</i> , 2019, 9, 5348.	3.3	27
33	Chidamide increases the sensitivity of refractory or relapsed acute myeloid leukemia cells to anthracyclines via regulation of the HDAC3 -AKT-P21-CDK2 signaling pathway. <i>Journal of Experimental and Clinical Cancer Research</i> , 2020, 39, 278.	8.6	27
34	Inactivation of Receptor Tyrosine Kinases Reverts Aberrant DNA Methylation in Acute Myeloid Leukemia. <i>Clinical Cancer Research</i> , 2017, 23, 6254-6266.	7.0	26
35	Antioxidant Enzyme Mimics with Synergism. <i>Mini-Reviews in Medicinal Chemistry</i> , 2010, 10, 342-356.	2.4	25
36	Self-assembled nanostructured photosensitizer with aggregation-induced emission for enhanced photodynamic anticancer therapy. <i>Science China Materials</i> , 2020, 63, 136-146.	6.3	25

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37	A regulatory circuit composed of DNA methyltransferases and receptor tyrosine kinases controls lung cancer cell aggressiveness. <i>Oncogene</i> , 2017, 36, 6919-6928.	5.9	21
38	Protein lysine 43 methylation by EZH1 promotes AML1-ETO transcriptional repression in leukemia. <i>Nature Communications</i> , 2019, 10, 5051.	12.8	17
39	Natural Melanin/Polyurethane Composites as Highly Efficient Near-Infrared-Photoresponsive Shape Memory Implants. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 5305-5314.	5.2	17
40	Hepcidin-Based Nanocomposites for Enhanced Cancer Immunotherapy by Modulating Iron Export-Mediated N6-Methyladenosine RNA Transcript. <i>Advanced Functional Materials</i> , 2022, 32, 2107195.	14.9	16
41	Improving GPX activity of selenium-containing human single-chain Fv antibody by site-directed mutation based on the structural analysis. <i>Journal of Molecular Recognition</i> , 2009, 22, 293-300.	2.1	15
42	Recent advances in nanoparticles-based photothermal therapy synergizing with immune checkpoint blockade therapy. <i>Materials and Design</i> , 2022, 217, 110656.	7.0	15
43	Developed a ratiometric fluorescence pH nanosensor based on label-free carbon dots for intracellular lysosome imaging and water pH monitoring with a smartphone. <i>Dyes and Pigments</i> , 2021, 193, 109490.	3.7	14
44	Liposomal bortezomib is active against chronic myeloid leukemia by disrupting the Sp1-BCR/ABL axis. <i>Oncotarget</i> , 2016, 7, 36382-36394.	1.8	14
45	Enrichment of phospholipids using magnetic Fe ₃ O ₄ /TiO ₂ nanoparticles for quantitative detection at single cell levels by electrospray ionization mass spectrometry. <i>Talanta</i> , 2020, 212, 120769.	5.5	13
46	Human catalytic antibody Se-scFv-B3 with high glutathione peroxidase activity. <i>Journal of Molecular Recognition</i> , 2008, 21, 324-329.	2.1	12
47	HDL-AuNPs-BMS Nanoparticle Conjugates as Molecularly Targeted Therapy for Leukemia. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 14454-14462.	8.0	12
48	A novel 65-mer peptide imitates the synergism of superoxide dismutase and glutathione peroxidase. <i>International Journal of Biochemistry and Cell Biology</i> , 2011, 43, 1802-1811.	2.8	11
49	Triple mutated antibody scFv2F3 with high GPx activity: insights from MD, docking, MDFE, and MM-PBSA simulation. <i>Amino Acids</i> , 2013, 44, 1009-1019.	2.7	11
50	Fluorescent nanorods based on 9,10-distyrylanthracene (DSA) derivatives for efficient and long-term bioimaging. <i>Journal of Materials Chemistry B</i> , 2020, 8, 9544-9554.	5.8	10
51	A Novel Selenium and Copper-containing Peptide with Both Superoxide Dismutase and Glutathione Peroxidase Activities. <i>Journal of Microbiology and Biotechnology</i> , 2010, 20, 88-93.	2.1	8
52	Nicotine-induced upregulation of antioxidant protein Prx 1 in oral squamous cell carcinoma. <i>Science Bulletin</i> , 2013, 58, 1912-1918.	1.7	7
53	Decitabine-Loaded Gold Nanocages for Photothermal Cancer Therapy via DNA Hypermethylation Reversal. <i>ACS Applied Nano Materials</i> , 2021, 4, 10556-10564.	5.0	7
54	Synthesis and characterization of a flexible fluorescent magnetic Fe ₃ O ₄ @SiO ₂ /CdTe-NH ₂ nanoprobe. <i>Journal of Inorganic Biochemistry</i> , 2018, 186, 307-316.	3.5	6

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55	Iris segmentation using watershed and region merging. , 2014, , .		5
56	The effect of nano-TiO ₂ photocatalysis on the antioxidant activities of Cu, Zn-SOD at physiological pH. Journal of Photochemistry and Photobiology B: Biology, 2017, 174, 251-260.	3.8	5
57	A Novel Iris Segmentation Approach Based on Superpixel Method. , 2014, , .		3
58	Non-ideal iris image enhancement algorithm based on local standard deviation. , 2015, , .		3
59	Transformable protein-gold hybrid materials serve as supramolecular vehicles for gene delivery. RSC Advances, 2017, 7, 51252-51256.	3.6	2
60	Water-soluble conjugated polymeric micelles as a carrier for studying Pt(IV) release and imaging in living cells. Polymer Chemistry, 2020, 11, 1720-1726.	3.9	2
61	Gene manipulation based selenium-containing peptide exhibiting synergism of SOD and GPx. Chemical Research in Chinese Universities, 2014, 30, 947-952.	2.6	1
62	Selenoprotein Mimics and Diseases. Advanced Topics in Science and Technology in China, 2011, , 303-322.	0.1	0
63	Quality Evaluation of the Sequence Iris Image. , 2014, , .		0
64	Cyclodextrin-based Mimics of Selenoproteins. Advanced Topics in Science and Technology in China, 2011, , 223-247.	0.1	0
65	Abstract 811: Co-inhibition of cyclooxygenase-2 and inducible nitric oxide synthase prevents N-nitrosomethylbenzylamine-induced esophageal squamous cell carcinoma in rats. , 2011, , .		0
66	Abstract LB-465: Investigation on chemopreventive effect of lyophilized strawberries in human subjects with precancerous lesions in esophagus: a phase 1b study in China. , 2011, , .		0
67	Abstract 819: Black raspberries inhibit N-nitrosomethylbenzylamine (NMBA)-induced rat esophageal tumorigenesis through down-regulation of MAPK and NF- κ B pathways. , 2011, , .		0
68	Abstract LB-462: Chemopreventive effects of freeze-dried strawberries in inflammation-associated mouse colon tumorigenesis. , 2011, , .		0
69	Abstract 1624: Black raspberries suppress phosphoinositide 3-kinase (PI3K)/AKT/mammalian target of rapamycin (mTOR) signaling pathway in carcinogen-induced esophageal cancer in rats. , 2012, , .		0
70	Abstract LB-119: Nucleolin promotes leukemogenesis through DNA hypermethylation.. , 2013, , .		0
71	Abstract 2945: Nilotinib abrogates DNMT1-dependent DNA methylation: A novel mechanism for induction of AML leukemia regression. , 2015, , .		0
72	A Phase II of Combination Daunorubicin and Cytarabine (Ara-c) and Nilotinib (TASIGNA) (DATA) in Patients Newly Diagnosed with Acute Myeloid Leukemia and KIT Expression: Interim Results. Blood, 2015, 126, 3808-3808.	1.4	0