

# Yong Sun

## List of Publications by Year in descending order

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Version: 2024-02-01

61  
papers

1,622  
citations

304368

22  
h-index

329751

37  
g-index

66  
all docs

66  
docs citations

66  
times ranked

2065  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cell-Inspired All-Aqueous Microfluidics: From Intracellular Liquid-Liquid Phase Separation toward Advanced Biomaterials. <i>Advanced Science</i> , 2020, 7, 1903359.	5.6	111
2	Strategies to improve photodynamic therapy efficacy by relieving the tumor hypoxia environment. <i>NPG Asia Materials</i> , 2021, 13, .	3.8	96
3	Iodinated Cyanine Dyes for Fast Near-Infrared-Guided Deep Tissue Synergistic Phototherapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 25720-25729.	4.0	83
4	Asymmetric synthesis of chromene skeletons via organocatalytic domino reactions of in situ generated ortho-quinone methide with malononitrile and $\beta^2$ -functionalized ketone. <i>RSC Advances</i> , 2017, 7, 39216-39220.	1.7	76
5	Cell-mediated targeting drugs delivery systems. <i>Drug Delivery</i> , 2020, 27, 1425-1437.	2.5	69
6	Tumor Microenvironment-triggered Nanosystems as dual-relief Tumor Hypoxia Immunomodulators for enhanced Phototherapy. <i>Theranostics</i> , 2020, 10, 9132-9152.	4.6	67
7	Recent progress in synergistic chemotherapy and phototherapy by targeted drug delivery systems for cancer treatment. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 817-830.	1.9	63
8	Microfluidic-mediated nano-drug delivery systems: from fundamentals to fabrication for advanced therapeutic applications. <i>Nanoscale</i> , 2020, 12, 15512-15527.	2.8	58
9	Novel polymeric micelles as enzyme-sensitive nuclear-targeted dual-functional drug delivery vehicles for enhanced 9-nitro-20( <i>S</i> )-camptothecin delivery and antitumor efficacy. <i>Nanoscale</i> , 2020, 12, 5380-5396.	2.8	43
10	Recent progress of graphene oxide-based multifunctional nanomaterials for cancer treatment. <i>Cancer Nanotechnology</i> , 2021, 12, .	1.9	43
11	Tetrahedral DNA nanostructures for effective treatment of cancer: advances and prospects. <i>Journal of Nanobiotechnology</i> , 2021, 19, 412.	4.2	43
12	A Target-Directed Chemo-Photothermal System Based on Transferrin and Copolymer-Modified MoS <sub>2</sub> Nanoplates with pH-Activated Drug Release. <i>Chemistry - A European Journal</i> , 2017, 23, 11346-11356.	1.7	40
13	ECM based injectable thermo-sensitive hydrogel on the recovery of injured cartilage induced by osteoarthritis. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 152-160.	1.9	39
14	7-O-Geranylquercetin induces apoptosis in gastric cancer cells via ROS-MAPK mediated mitochondrial signaling pathway activation. <i>Biomedicine and Pharmacotherapy</i> , 2017, 87, 527-538.	2.5	38
15	Targeted nanocarriers based on iodinated-cyanine dyes as immunomodulators for synergistic phototherapy. <i>Nanoscale</i> , 2020, 12, 11008-11025.	2.8	35
16	A triple modality BSA-coated dendritic nanoplatfor for NIR imaging, enhanced tumor penetration and anticancer therapy. <i>Nanoscale</i> , 2018, 10, 9021-9037.	2.8	34
17	Self-Assembled chitosan/phospholipid nanoparticles: from fundamentals to preparation for advanced drug delivery. <i>Drug Delivery</i> , 2020, 27, 200-215.	2.5	34
18	Recent advances in microfluidic-aided chitosan-based multifunctional materials for biomedical applications. <i>International Journal of Pharmaceutics</i> , 2021, 600, 120465.	2.6	32

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19	Intracellular tracking of drug release from pH-sensitive polymeric nanoparticles via FRET for synergistic chemo-photodynamic therapy. <i>Journal of Nanobiotechnology</i> , 2019, 17, 113.	4.2	28
20	Recent advances in anti-multidrug resistance for nano-drug delivery system. <i>Drug Delivery</i> , 2022, 29, 1684-1697.	2.5	28
21	Polymer-Based Nanocarriers for Co-Delivery and Combination of Diverse Therapies against Cancers. <i>Nanomaterials</i> , 2018, 8, 85.	1.9	27
22	&lt;p&gt;NIR-guided dendritic nanoplatform for improving antitumor efficacy by combining chemo-phototherapy&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 4931-4947.	3.3	25
23	O-Alkylated derivatives of quercetin induce apoptosis of MCF-7 cells via a caspase-independent mitochondrial pathway. <i>Chemico-Biological Interactions</i> , 2015, 242, 91-98.	1.7	23
24	Recent Progress of Metal-Organic Framework-Based Photodynamic Therapy for Cancer Treatment. <i>International Journal of Nanomedicine</i> , 0, Volume 17, 2367-2395.	3.3	23
25	Lipid nanoparticle-based co-delivery of epirubicin and BCL-2 siRNA for enhanced intracellular drug release and reversing multidrug resistance. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 323-332.	1.9	22
26	The management of diabetes mellitus by mangiferin: advances and prospects. <i>Nanoscale</i> , 2022, 14, 2119-2135.	2.8	22
27	Multifunctional thermo-sensitive hydrogel for modulating the microenvironment in Osteoarthritis by polarizing macrophages and scavenging RONS. <i>Journal of Nanobiotechnology</i> , 2022, 20, 221.	4.2	21
28	&lt;p&gt;Mechanism Investigation of Hyaluronidase-Combined Multistage Nanoparticles for Solid Tumor Penetration and Antitumor Effect&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 6311-6324.	3.3	19
29	Reduction-sensitive polymeric micelles as amplifying oxidative stress vehicles for enhanced antitumor therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 203, 111733.	2.5	19
30	Integrated Metalloproteinase, pH and Glutathione Responsive Prodrug-Based Nanomedicine for Efficient Target Chemotherapy. <i>Journal of Biomedical Nanotechnology</i> , 2019, 15, 1673-1687.	0.5	19
31	Fluorescence Resonance Energy Transfer Visualization of Molecular Delivery from Polymeric Micelles. <i>Journal of Biomedical Nanotechnology</i> , 2018, 14, 1308-1316.	0.5	17
32	Normalization of the tumor microvasculature based on targeting and modulation of the tumor microenvironment. <i>Nanoscale</i> , 2021, 13, 17254-17271.	2.8	17
33	Overexpression of hsa_circ_0008274 inhibited the progression of lung adenocarcinoma by regulating <i>HMGA2</i> via sponging <i>miR-578</i> . <i>Thoracic Cancer</i> , 2021, 12, 2258-2264.	0.8	17
34	Enzyme/pH-triggered anticancer drug delivery of chondroitin sulfate modified doxorubicin nanocrystal. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2020, 48, 1114-1124.	1.9	16
35	Viral Capsids Mimicking Based on pH-Sensitive Biodegradable Polymeric Micelles for Efficient Anticancer Drug Delivery. <i>Journal of Biomedical Nanotechnology</i> , 2018, 14, 1409-1419.	0.5	15
36	Iodinated cyanine dye-based nanosystem for synergistic phototherapy and hypoxia-activated bioreductive therapy. <i>Drug Delivery</i> , 2022, 29, 238-253.	2.5	15

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37	Targeted Polymeric Nanoparticles Based on Mangiferin for Enhanced Protection of Pancreatic $\beta$ -Cells and Type 1 Diabetes Mellitus Efficacy. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 11092-11103.	4.0	15
38	Preparation and evaluation of liver-targeting micelles loaded with oxaliplatin. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 491-496.	1.9	14
39	Multifunctional nanoplatforms as cascade-responsive drug-delivery carriers for effective synergistic chemo-photodynamic cancer treatment. <i>Journal of Nanobiotechnology</i> , 2021, 19, 140.	4.2	14
40	Bifunctional alginate/chitosan stabilized perfluorohexane nanodroplets as smart vehicles for ultrasound and pH responsive delivery of anticancer agents. <i>International Journal of Biological Macromolecules</i> , 2021, 191, 1068-1078.	3.6	14
41	Preparation and evaluation of tumour microenvironment response multistage nanoparticles for epirubicin delivery and deep tumour penetration. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 860-873.	1.9	13
42	Preparation of Icaritin-Loaded mPEG-PLA Micelles and Evaluation on Ischemic Brain Injury. <i>Journal of Biomedical Nanotechnology</i> , 2019, 15, 674-685.	0.5	13
43	&lt;p&gt;Overcoming Multiple Absorption Barrier for Insulin Oral Delivery Using Multifunctional Nanoparticles Based on Chitosan Derivatives and Hyaluronic Acid&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 4877-4898.	3.3	12
44	A Lipid Micellar System Loaded with Dexamethasone Palmitate Alleviates Rheumatoid Arthritis. <i>AAPS PharmSciTech</i> , 2019, 20, 316.	1.5	11
45	Mechanistic insight into the interaction of gastrointestinal mucus with oral diblock copolymers synthesized via ATRP method. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 2839-2856.	3.3	10
46	The effect of $\beta$ -Conjugation on the self-assembly of micelles and controlled cargo release. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2020, 48, 525-532.	1.9	10
47	Nuclear-targeted nanocarriers based on pH-sensitive amphiphiles for enhanced GNA002 delivery and chemotherapy. <i>Nanoscale</i> , 2021, 13, 4774-4784.	2.8	10
48	Expression and Characterization of the Extracellular Domain of Human HER2 from Escherichia Coli, and Production of Polyclonal Antibodies Against the Recombinant Proteins. <i>Applied Biochemistry and Biotechnology</i> , 2015, 176, 1029-1043.	1.4	9
49	Layered Double Hydroxide Modified with Deoxycholic and Hyaluronic Acids for Efficient Oral Insulin Absorption. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 7861-7873.	3.3	8
50	Targeted tumor therapy by autophagy of nanoparticles. <i>Future Oncology</i> , 2020, 16, 793-803.	1.1	7
51	Preparation and evaluation of reduction-responsive nano-micelles for miriplatin delivery. <i>Experimental Biology and Medicine</i> , 2016, 241, 1169-1176.	1.1	6
52	Preparation and evaluation of a non-viral gene vector for SiRNA: Multifunctional envelope-type nano device. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 1259-1265.	1.9	6
53	Research progress of nanocarriers for gene therapy targeting abnormal glucose and lipid metabolism in tumors. <i>Drug Delivery</i> , 2021, 28, 2329-2347.	2.5	6
54	Synthesis, Characterization and Cytotoxicity of Alkylated Quercetin Derivatives. <i>Iranian Journal of Pharmaceutical Research</i> , 2016, 15, 329-335.	0.3	6

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55	Chemosensitivity enhanced by autophagy inhibition based on a polycationic nano-drug carrier. <i>Nanoscale Advances</i> , 2021, 3, 1656-1673.	2.2	5
56	Highly sensitive detection of cancer antigen human epidermal growth factor receptor 2 using novel chicken egg yolk immunoglobulin. <i>Biologicals</i> , 2015, 43, 165-170.	0.5	3
57	Preparation and evaluation of multifunctional envelope-type nano device loading siRNA. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 20-26.	1.9	3
58	Preparation of Levodopa-2, 6-Dimethyl- $\beta$ -Cyclodextrin Inclusion by Saturation Solution Process. <i>Artificial Cells, Blood Substitutes, and Biotechnology</i> , 2008, 36, 352-359.	0.9	2
59	Preparation and the Influencing Factors of Cetirizine Hydrochloride Microemulsion. <i>Artificial Cells, Blood Substitutes, and Biotechnology</i> , 2011, 39, 174-176.	0.9	2
60	Simultaneous determination of AM80 (tamibarotene) and WJD-A-1 in rat plasma by ultra high-performance liquid chromatography-tandem mass spectrometry and its application to a pharmacokinetic study. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 1131-1137.	1.9	1
61	TLR7 agonist loaded airway epithelial targeting nanoparticles stimulate innate immunity and suppress viral replication in human bronchial epithelial cells. <i>International Journal of Pharmaceutics</i> , 2022, 617, 121586.	2.6	1