

# Yang Kang

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

1,794  
citations

257450

24  
h-index

265206

42  
g-index

44  
all docs

44  
docs citations

44  
times ranked

2758  
citing authors

#	ARTICLE	IF	CITATIONS
1	Smart nanocarriers as therapeutic platforms for bladder cancer. <i>Nano Research</i> , 2022, 15, 2157-2176.	10.4	7
2	Smart dual responsive nanocarriers with reactive oxygen species amplification assisted synergistic chemotherapy against prostate cancer. <i>Journal of Colloid and Interface Science</i> , 2022, 622, 789-803.	9.4	6
3	Genetic engineering cellular vesicles expressing CD64 as checkpoint antibody carrier for cancer immunotherapy. <i>Theranostics</i> , 2021, 11, 6033-6043.	10.0	22
4	Delivery of mRNA vaccine with a lipid-like material potentiates antitumor efficacy through Toll-like receptor 4 signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	109
5	Dual pH- and Glutathione-Responsive CO <sub>2</sub> -Generating Nanodrug Delivery System for Contrast-Enhanced Ultrasonography and Therapy of Prostate Cancer. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 12899-12911.	8.0	8
6	Reactive oxygen species and glutathione dual responsive nanoparticles for enhanced prostate cancer therapy. <i>Materials Science and Engineering C</i> , 2021, 123, 111956.	7.3	21
7	GDPLichi: a DNA Damage Repair-Related Gene Classifier for Predicting Lung Adenocarcinoma Immune Checkpoint Inhibitors Response. <i>Frontiers in Oncology</i> , 2021, 11, 733533.	2.8	4
8	Nanodrug Carrier Based on Poly(Ursolic Acid) with Self-Assembled Anticancer Activity against Colorectal Cancer. <i>Advanced Functional Materials</i> , 2020, 30, 1907857.	14.9	62
9	Fundamentals and applications of nanoparticles for ultrasound-based imaging and therapy. <i>Nano Select</i> , 2020, 1, 263-284.	3.7	9
10	Redox-Responsive Self-Assembled Nanoparticles for Cancer Therapy. <i>Advanced Healthcare Materials</i> , 2020, 9, e2000605.	7.6	59
11	Screening of pH-responsive long-circulating polysaccharide-drug conjugate nanocarriers for antitumor applications. <i>Journal of Materials Chemistry B</i> , 2019, 7, 251-264.	5.8	42
12	Albumin enhances PTX delivery ability of dextran NPs and therapeutic efficacy of PTX for colorectal cancer. <i>Journal of Materials Chemistry B</i> , 2019, 7, 3537-3545.	5.8	37
13	Synthesis, characterization, and formulation of poly-puerarin as a biodegradable and biosafe drug delivery platform for anti-cancer therapy. <i>Biomaterials Science</i> , 2019, 7, 2152-2164.	5.4	20
14	H <sub>2</sub> O <sub>2</sub> -responsive nano-prodrug for podophyllotoxin delivery. <i>Biomaterials Science</i> , 2019, 7, 2491-2498.	5.4	40
15	Poly(cystine-PCL) based pH/redox dual-responsive nanocarriers for enhanced tumor therapy. <i>Biomaterials Science</i> , 2019, 7, 1962-1972.	5.4	37
16	Internalization, cytotoxicity, oxidative stress and inflammation of multi-walled carbon nanotubes in human endothelial cells: influence of pre-incubation with bovine serum albumin. <i>RSC Advances</i> , 2018, 8, 9253-9260.	3.6	20
17	Evaluation of tofu as a potential tissue engineering scaffold. <i>Journal of Materials Chemistry B</i> , 2018, 6, 1328-1334.	5.8	26
18	Screening of novel RGD peptides to modify nanoparticles for targeted cancer therapy. <i>Biomaterials Science</i> , 2018, 6, 125-135.	5.4	33

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19	Biomimetic Shells Endow Sub-50 nm Nanoparticles with Ultrahigh Paclitaxel Payloads for Specific and Robust Chemotherapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 33976-33985.	8.0	28
20	Arginine-based poly(ester amide) nanoparticle platform: From structureâ€“property relationship to nucleic acid delivery. <i>Acta Biomaterialia</i> , 2018, 74, 180-191.	8.3	61
21	Significant Suppression of Non-small-cell Lung Cancer by Hydrophobic Poly(ester amide) Nanoparticles with High Docetaxel Loading. <i>Frontiers in Pharmacology</i> , 2018, 9, 118.	3.5	24
22	H2O2-Responsive Nanoparticle Based on the Supramolecular Self-Assemble of Cyclodextrin. <i>Frontiers in Pharmacology</i> , 2018, 9, 552.	3.5	17
23	Bioreactor Synergy with 3D Scaffolds: New Era for Stem Cells Culture. <i>ACS Applied Bio Materials</i> , 2018, 1, 193-209.	4.6	22
24	BAPTA-AM Nanoparticle for the Curing of Acute Kidney Injury Induced by Ischemia/Reperfusion. <i>Journal of Biomedical Nanotechnology</i> , 2018, 14, 868-883.	1.1	23
25	Cyclodextrin-based hostâ€“guest supramolecular hydrogel and its application in biomedical fields. <i>Polymer Chemistry</i> , 2018, 9, 3436-3449.	3.9	155
26	Advances in Long-Circulating Drug Delivery Strategy. <i>Current Drug Metabolism</i> , 2018, 19, 750-758.	1.2	20
27	Reactive Oxygen Species and Glutathione Dual Redox-Responsive Supramolecular Assemblies with Controllable Release Capability. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 4475-4484.	8.0	86
28	Semiâ€“IPNs with Moistureâ€“Triggered Shape Memory and Selfâ€“Healing Properties. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1700149.	3.9	38
29	Shape Memory Polymers Based on Supramolecular Interactions. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 20276-20293.	8.0	120
30	pH and glutathione dual-triggered supramolecular assemblies as synergistic and controlled drug release carriers. <i>Polymer Chemistry</i> , 2017, 8, 7260-7270.	3.9	18
31	Development of collagen/polydopamine complexed matrix as mechanically enhanced and highly biocompatible semi-natural tissue engineering scaffold. <i>Acta Biomaterialia</i> , 2017, 47, 135-148.	8.3	109
32	Style-sensitive 3D model retrieval through sketch-based queries. <i>Journal of Intelligent and Fuzzy Systems</i> , 2016, 31, 2637-2644.	1.4	7
33	A novel 3D model retrieval system based on three-view sketches. <i>Journal of Intelligent and Fuzzy Systems</i> , 2016, 31, 2675-2683.	1.4	3
34	A three-dimensional graphene oxide supramolecular hydrogel for infrared light-responsive cascade release of two anticancer drugs. <i>Chemical Communications</i> , 2016, 52, 14384-14387.	4.1	32
35	pH- and Thermal-Responsive Multishape Memory Hydrogel. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 27432-27437.	8.0	53
36	Polymeric nanoparticles for colon cancer therapy: overview and perspectives. <i>Journal of Materials Chemistry B</i> , 2016, 4, 7779-7792.	5.8	93

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37	Light-, pH- and thermal-responsive hydrogels with the triple-shape memory effect. Chemical Communications, 2016, 52, 10609-10612.	4.1	129
38	A 3D model perceptual feature metric based on global height field. Visual Computer, 2016, 32, 1151-1164.	3.5	5
39	pH-responsive dendritic polyrotaxane drug-polymer conjugates forming nanoparticles as efficient drug delivery system for cancer therapy. Polymer Chemistry, 2015, 6, 2098-2107.	3.9	36
40	Dual-Stimuli-Responsive Nanoassemblies as Tunable Releasing Carriers. ACS Macro Letters, 2015, 4, 543-547.	4.8	52
41	Nanoassemblies driven by cyclodextrin-based inclusion complexation. Chemical Communications, 2014, 50, 11083-11092.	4.1	73
42	pH-responsive polymer-drug conjugates as multifunctional micelles for cancer-drug delivery. Nanotechnology, 2014, 25, 335101.	2.6	28