Yang Kang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9374562/publications.pdf

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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	Cyclodextrin-based hostâ€“guest supramolecular hydrogel and its application in biomedical fields. Polymer Chemistry, 2018, 9, 3436-3449.	3.9	155
2	Light-, pH- and thermal-responsive hydrogels with the triple-shape memory effect. Chemical Communications, 2016, 52, 10609-10612.	4.1	129
3	Shape Memory Polymers Based on Supramolecular Interactions. ACS Applied Materials & Interfaces, 2017, 9, 20276-20293.	8.0	120
4	Development of collagen/polydopamine complexed matrix as mechanically enhanced and highly biocompatible semi-natural tissue engineering scaffold. Acta Biomaterialia, 2017, 47, 135-148.	8.3	109
5	Delivery of mRNA vaccine with a lipid-like material potentiates antitumor efficacy through Toll-like receptor 4 signaling. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	109
6	Polymeric nanoparticles for colon cancer therapy: overview and perspectives. Journal of Materials Chemistry B, 2016, 4, 7779-7792.	5.8	93
7	Reactive Oxygen Species and Glutathione Dual Redox-Responsive Supramolecular Assemblies with Controllable Release Capability. ACS Applied Materials & Interfaces, 2017, 9, 4475-4484.	8.0	86
8	Nanoassemblies driven by cyclodextrin-based inclusion complexation. Chemical Communications, 2014, 50, 11083-11092.	4.1	73
9	Nanodrug Carrier Based on Poly(Ursolic Acid) with Selfâ€Anticancer Activity against Colorectal Cancer. Advanced Functional Materials, 2020, 30, 1907857.	14.9	62
10	Arginine-based poly(ester amide) nanoparticle platform: From structureâ€“property relationship to nucleic acid delivery. Acta Biomaterialia, 2018, 74, 180-191.	8.3	61
11	Redoxâ€Responsive Selfâ€Assembled Nanoparticles for Cancer Therapy. Advanced Healthcare Materials, 2020, 9, e2000605.	7.6	59
12	pH- and Thermal-Responsive Multishape Memory Hydrogel. ACS Applied Materials & Interfaces, 2016, 8, 27432-27437.	8.0	53
13	Dual-Stimuli-Responsive Nanoassemblies as Tunable Releasing Carriers. ACS Macro Letters, 2015, 4, 543-547.	4.8	52
14	Screening of pH-responsive long-circulating polysaccharideâ€“drug conjugate nanocarriers for antitumor applications. Journal of Materials Chemistry B, 2019, 7, 251-264.	5.8	42
15	H₂O₂-responsive nano-prodrug for podophyllotoxin delivery. Biomaterials Science, 2019, 7, 2491-2498.	5.4	40
16	Semiâ€IPNs with Moistureâ€Triggered Shape Memory and Selfâ€Healing Properties. Macromolecular Rapid Communications, 2017, 38, 1700149.	3.9	38
17	Albumin enhances PTX delivery ability of dextran NPs and therapeutic efficacy of PTX for colorectal cancer. Journal of Materials Chemistry B, 2019, 7, 3537-3545.	5.8	37
18	Poly(cystineâ€“PCL) based pH/redox dual-responsive nanocarriers for enhanced tumor therapy. Biomaterials Science, 2019, 7, 1962-1972.	5.4	37

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19	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
20	Screening of novel RGD peptides to modify nanoparticles for targeted cancer therapy. Biomaterials Science, 2018, 6, 125-135.	5.4	33
21	A three-dimensional graphene oxide supramolecular hydrogel for infrared light-responsive cascade release of two anticancer drugs. Chemical Communications, 2016, 52, 14384-14387.	4.1	32
22	pH-responsive polymerâ€“drug conjugates as multifunctional micelles for cancer-drug delivery. Nanotechnology, 2014, 25, 335101.	2.6	28
23	Biomimetic Shells Endow Sub-50 nm Nanoparticles with Ultrahigh Paclitaxel Payloads for Specific and Robust Chemotherapy. ACS Applied Materials & Interfaces, 2018, 10, 33976-33985.	8.0	28
24	Evaluation of tofu as a potential tissue engineering scaffold. Journal of Materials Chemistry B, 2018, 6, 1328-1334.	5.8	26
25	Significant Suppression of Non-small-cell Lung Cancer by Hydrophobic Poly(ester amide) Nanoparticles with High Docetaxel Loading. Frontiers in Pharmacology, 2018, 9, 118.	3.5	24
26	BAPTA-AM Nanoparticle for the Curing of Acute Kidney Injury Induced by Ischemia/Reperfusion. Journal of Biomedical Nanotechnology, 2018, 14, 868-883.	1.1	23
27	Bioreactor Synergy with 3D Scaffolds: New Era for Stem Cells Culture. ACS Applied Bio Materials, 2018, 1, 193-209.	4.6	22
28	Genetic engineering cellular vesicles expressing CD64 as checkpoint antibody carrier for cancer immunotherapy. Theranostics, 2021, 11, 6033-6043.	10.0	22
29	Reactive oxygen species and glutathione dual responsive nanoparticles for enhanced prostate cancer therapy. Materials Science and Engineering C, 2021, 123, 111956.	7.3	21
30	Internalization, cytotoxicity, oxidative stress and inflammation of multi-walled carbon nanotubes in human endothelial cells: influence of pre-incubation with bovine serum albumin. RSC Advances, 2018, 8, 9253-9260.	3.6	20
31	Synthesis, characterization, and formulation of poly-puerarin as a biodegradable and biosafe drug delivery platform for anti-cancer therapy. Biomaterials Science, 2019, 7, 2152-2164.	5.4	20
32	Advances in Long-Circulating Drug Delivery Strategy. Current Drug Metabolism, 2018, 19, 750-758.	1.2	20
33	pH and glutathione dual-triggered supramolecular assemblies as synergistic and controlled drug release carriers. Polymer Chemistry, 2017, 8, 7260-7270.	3.9	18
34	H2O2-Responsive Nanoparticle Based on the Supramolecular Self-Assemble of Cyclodextrin. Frontiers in Pharmacology, 2018, 9, 552.	3.5	17
35	Fundamentals and applications of nanoparticles for ultrasoundâ€based imaging and therapy. Nano Select, 2020, 1, 263-284.	3.7	9
36	Dual pH- and Glutathione-Responsive CO₂-Generating Nanodrug Delivery System for Contrast-Enhanced Ultrasonography and Therapy of Prostate Cancer. ACS Applied Materials & Interfaces, 2021, 13, 12899-12911.	8.0	8

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37	Style-sensitive 3D model retrieval through sketch-based queries. Journal of Intelligent and Fuzzy Systems, 2016, 31, 2637-2644.	1.4	7
38	Smart nanocarriers as therapeutic platforms for bladder cancer. Nano Research, 2022, 15, 2157-2176.	10.4	7
39	Smart dual responsive nanocarriers with reactive oxygen species amplification assisted synergistic chemotherapy against prostate cancer. Journal of Colloid and Interface Science, 2022, 622, 789-803.	9.4	6
40	A 3D model perceptual feature metric based on global height field. Visual Computer, 2016, 32, 1151-1164.	3.5	5
41	GDPLichi: a DNA Damage Repair-Related Gene Classifier for Predicting Lung Adenocarcinoma Immune Checkpoint Inhibitors Response. Frontiers in Oncology, 2021, 11, 733533.	2.8	4
42	A novel 3D model retrieval system basedÂonÂthree-view sketches. Journal of Intelligent and Fuzzy Systems, 2016, 31, 2675-2683.	1.4	3