

Yourong Duan

List of Publications by Year in descending order

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79
papers

2,318
citations

201674

27
h-index

243625

44
g-index

80
all docs

80
docs citations

80
times ranked

3759
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermally Stable, Biocompatible, and Flexible Organic Field-Effect Transistors and Their Application in Temperature Sensing Arrays for Artificial Skin. <i>Advanced Functional Materials</i> , 2015, 25, 2138-2146.	14.9	184
2	A mPEG-PLGA-b-PLL copolymer carrier for adriamycin and siRNA delivery. <i>Biomaterials</i> , 2012, 33, 4403-4412.	11.4	129
3	cRGD-functionalized mPEG-PLGA-PLL nanoparticles for imaging and therapy of breast cancer. <i>Biomaterials</i> , 2012, 33, 6739-6747.	11.4	89
4	Intracellular trafficking and cellular uptake mechanism of mPEG-PLGA-PLL and mPEG-PLGA-PLL-Gal nanoparticles for targeted delivery to hepatomas. <i>Biomaterials</i> , 2014, 35, 760-770.	11.4	88
5	Oncolytic Adenovirus Complexes Coated with Lipids and Calcium Phosphate for Cancer Gene Therapy. <i>ACS Nano</i> , 2016, 10, 11548-11560.	14.6	88
6	Ultrasound-Mediated Microbubble Destruction (UMMD) Facilitates the Delivery of CA19-9 Targeted and Paclitaxel Loaded mPEG-PLGA-PLL Nanoparticles in Pancreatic Cancer. <i>Theranostics</i> , 2016, 6, 1573-1587.	10.0	87
7	Local delivery of arsenic trioxide nanoparticles for hepatocellular carcinoma treatment. <i>Signal Transduction and Targeted Therapy</i> , 2019, 4, 28.	17.1	75
8	Exosome-liposome hybrid nanoparticle codelivery of TP and miR497 conspicuously overcomes chemoresistant ovarian cancer. <i>Journal of Nanobiotechnology</i> , 2022, 20, 50.	9.1	66
9	Thermoresponsive nanocomposite gel for local drug delivery to suppress the growth of glioma by inducing autophagy. <i>Autophagy</i> , 2017, 13, 1176-1190.	9.1	63
10	GSH-sensitive Pt(IV) prodrug-loaded phase-transitional nanoparticles with a hybrid lipid-polymer shell for precise theranostics against ovarian cancer. <i>Theranostics</i> , 2019, 9, 1047-1065.	10.0	62
11	Toxicity and therapy of cisplatin-loaded EGF modified mPEG-PLGA-PLL nanoparticles for SKOV3 cancer in mice. <i>Biomaterials</i> , 2013, 34, 4068-4077.	11.4	54
12	Enhanced Chemotherapeutic Efficacy of Paclitaxel Nanoparticles Co-delivered with MicroRNA-7 by Inhibiting Paclitaxel-Induced EGFR/ERK pathway Activation for Ovarian Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 7821-7831.	8.0	53
13	MicroRNA-125a-Loaded Polymeric Nanoparticles Alleviate Systemic Lupus Erythematosus by Restoring Effector/Regulatory T Cells Balance. <i>ACS Nano</i> , 2020, 14, 4414-4429.	14.6	53
14	Multifunctional Shell-Core Nanoparticles for Treatment of Multidrug Resistance Hepatocellular Carcinoma. <i>Advanced Functional Materials</i> , 2018, 28, 1706124.	14.9	51
15	Low toxicity and long circulation time of Polyampholyte-coated magnetic nanoparticles for blood pool contrast agents. <i>Scientific Reports</i> , 2015, 5, 7774.	3.3	50
16	The Effect of Triptolide-Loaded Exosomes on the Proliferation and Apoptosis of Human Ovarian Cancer SKOV3 Cells. <i>BioMed Research International</i> , 2019, 2019, 1-14.	1.9	50
17	In Vivo Molecular MRI Imaging of Prostate Cancer by Targeting PSMA with Polypeptide-Labeled Superparamagnetic Iron Oxide Nanoparticles. <i>International Journal of Molecular Sciences</i> , 2015, 16, 9573-9587.	4.1	49
18	The synergic antitumor effects of paclitaxel and temozolomide co-loaded in mPEG-PLGA nanoparticles on glioblastoma cells. <i>Oncotarget</i> , 2016, 7, 20890-20901.	1.8	49

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19	Temperature-Sensitive Gold Nanoparticle-Coated Pluronic-PLL Nanoparticles for Drug Delivery and Chemo-Photothermal Therapy. <i>Theranostics</i> , 2017, 7, 4424-4444.	10.0	46
20	EGF-modified mPEG-PLGA-PLL nanoparticle for delivering doxorubicin combined with Bcl-2 siRNA as a potential treatment strategy for lung cancer. <i>Drug Delivery</i> , 2016, 23, 2936-2945.	5.7	44
21	Nano-ultrasonic Contrast Agent for Chemoimmunotherapy of Breast Cancer by Immune Metabolism Reprogramming and Tumor Autophagy. <i>ACS Nano</i> , 2022, 16, 3417-3431.	14.6	42
22	A New PAMPA Model Proposed on the Basis of a Synthetic Phospholipid Membrane. <i>PLoS ONE</i> , 2015, 10, e0116502.	2.5	40
23	Ultra-large-scale production of ultrasmall superparamagnetic iron oxide nanoparticles for T ₁ -weighted MRI. <i>RSC Advances</i> , 2016, 6, 22575-22585.	3.6	35
24	Multifunctional tumor-targeted PLGA nanoparticles delivering Pt(IV)/siBIRC5 for US/MRI imaging and overcoming ovarian cancer resistance. <i>Biomaterials</i> , 2021, 269, 120478.	11.4	34
25	Asynchronous blockade of PD-L1 and CD155 by polymeric nanoparticles inhibits triple-negative breast cancer progression and metastasis. <i>Biomaterials</i> , 2021, 275, 120988.	11.4	34
26	Enhanced therapeutic effect of Adriamycin on multidrug resistant breast cancer by the ABCG2-siRNA loaded polymeric nanoparticles assisted with ultrasound. <i>Oncotarget</i> , 2015, 6, 43779-43790.	1.8	31
27	Immune/Hypoxic Tumor Microenvironment Regulation-Enhanced Photodynamic Treatment Realized by pH-Responsive Phase Transition-Targeting Nanobubbles. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 32763-32779.	8.0	29
28	Enhanced immunofluorescence detection of a protein marker using a PAA modified ZnO nanorod array-based microfluidic device. <i>Nanoscale</i> , 2018, 10, 17663-17670.	5.6	28
29	Highly sensitive microfluidic detection of carcinoembryonic antigen via a synergetic fluorescence enhancement strategy based on the micro/nanostructure optimization of ZnO nanorod arrays and in situ ZIF-8 coating. <i>Chemical Engineering Journal</i> , 2020, 383, 123230.	12.7	28
30	Targeted polymeric therapeutic nanoparticles: Design and interactions with hepatocellular carcinoma. <i>Biomaterials</i> , 2015, 56, 229-240.	11.4	26
31	Thermo-sensitive composite hydrogels based on poloxamer 407 and alginate and their therapeutic effect in embolization in rabbit VX2 liver tumors. <i>Oncotarget</i> , 2016, 7, 73280-73291.	1.8	26
32	pH-Sensitive Shell-Core Platform Block DNA Repair Pathway To Amplify Irreversible DNA Damage of Triple Negative Breast Cancer. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 38417-38428.	8.0	25
33	Degradation behavior and biosafety studies of the mPEG-PLGA-PLL copolymer. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 11986-11999.	2.8	23
34	AZD9291 Resistance Reversal Activity of a pH-Sensitive Nanocarrier Dual-Loaded with Chloroquine and FGFR1 Inhibitor in NSCLC. <i>Advanced Science</i> , 2021, 8, 2002922.	11.2	23
35	Engineered PD-1/TIGIT dual-activating cell-membrane nanoparticles with dexamethasone act synergistically to shape the effector T cell/Treg balance and alleviate systemic lupus erythematosus. <i>Biomaterials</i> , 2022, 285, 121517.	11.4	23
36	Sequential Release of Pooled siRNAs and Paclitaxel by Aptamer-Functionalized Shell-Core Nanoparticles to Overcome Paclitaxel Resistance of Prostate Cancer. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 13990-14003.	8.0	22

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37	Co-Delivery of Triptolide and Curcumin for Ovarian Cancer Targeting Therapy via mPEG-DPPE/CaP Nanoparticle. <i>Journal of Biomedical Nanotechnology</i> , 2018, 14, 1761-1772.	1.1	21
38	Chitoooligosaccharides-modified PLGA nanoparticles enhance the antitumor efficacy of AZD9291 (Osimertinib) by promoting apoptosis. <i>International Journal of Biological Macromolecules</i> , 2020, 162, 262-272.	7.5	20
39	Preparation and properties of biocompatible PS-PEG/calcium phosphate nanospheres. <i>Nanotoxicology</i> , 2015, 9, 190-200.	3.0	19
40	Biocompatible and colloidal stabilized mPEG-PE/calcium phosphate hybrid nanoparticles loaded with siRNAs targeting tumors. <i>Oncotarget</i> , 2016, 7, 2855-2866.	1.8	19
41	Incorporation of drug efflux inhibitor and chemotherapeutic agent into an inorganic/organic platform for the effective treatment of multidrug resistant breast cancer. <i>Journal of Nanobiotechnology</i> , 2019, 17, 125.	9.1	19
42	Altered Cell Cycle Arrest by Multifunctional Drug-Loaded Enzymatically-Triggered Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 1360-1370.	8.0	18
43	A paclitaxel and microRNA-124 coloaded stepped cleavable nanosystem against triple negative breast cancer. <i>Journal of Nanobiotechnology</i> , 2021, 19, 55.	9.1	18
44	Substrate-Induced Growth of Micro/Nanostructured Zn(OH)F Arrays for Highly Sensitive Microfluidic Fluorescence Assays. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 28462-28471.	8.0	17
45	Synthesis and characterization of PEG-grafted quaternized chitosan and cationic polymeric liposomes for drug delivery. <i>Journal of Applied Polymer Science</i> , 2012, 125, 1302-1309.	2.6	16
46	Templated fabrication of pH-responsive poly(<i>l</i> -glutamic acid) based nanogels via surface-grafting and macromolecular crosslinking. <i>RSC Advances</i> , 2017, 7, 14888-14901.	3.6	16
47	Tumour targeted contrast enhanced ultrasound imaging dual-modal microbubbles for diagnosis and treatment of triple negative breast cancer. <i>RSC Advances</i> , 2019, 9, 5682-5691.	3.6	16
48	Magnetite loaded Polypeptide-PLGA multifunctional microbubbles for dual-mode US/MR imaging. <i>Contrast Media and Molecular Imaging</i> , 2016, 11, 146-153.	0.8	14
49	Enhanced delivery of PEAL nanoparticles with ultrasound targeted microbubble destruction mediated siRNA transfection in human MCF-7/S and MCF-7/ADR cells in vitro. <i>International Journal of Nanomedicine</i> , 2015, 10, 5447.	6.7	13
50	Highly biocompatible thermosensitive nanocomposite gel for combined therapy of hepatocellular carcinoma via the enhancement of mitochondria related apoptosis. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 21, 102062.	3.3	13
51	Prevention of Oxidized Low Density Lipoprotein-Induced Endothelial Cell Injury by DA-PLGA-PEG-cRGD Nanoparticles Combined with Ultrasound. <i>International Journal of Molecular Sciences</i> , 2017, 18, 815.	4.1	12
52	Functional Exosome-Mediated Delivery of Triptolide Endowed with Targeting Properties as Chemotherapy Carriers for Ovarian Carcinoma. <i>Journal of Biomedical Nanotechnology</i> , 2021, 17, 426-438.	1.1	12
53	Temperature sensitive hydrogel for preoperative treatment of renal carcinoma. <i>Materials Science and Engineering C</i> , 2020, 111, 110798.	7.3	11
54	pH Sensitive Triptolide-Loaded Liposome Calcium Phosphate Nanoparticles Exhibit Enhanced Anti-Tumor Activities Against Ovarian Cancer Without Damaging the Reproductive System. <i>Journal of Biomedical Nanotechnology</i> , 2017, 13, 1413-1424.	1.1	10

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55	Simple and rational design of a polymer nano-platform for high performance of HCV related miR-122 reduction in the liver. <i>Biomaterials Science</i> , 2018, 6, 2667-2680.	5.4	10
56	Precision Embolism: Biocompatible Temperature-Sensitive Hydrogels as Novel Embolic Materials for Both Mainstream and Peripheral Vessels. <i>Advanced Functional Materials</i> , 2021, 31, 2011170.	14.9	10
57	Multi-Arm PEG/Peptidomimetic Conjugate Inhibitors of DR6/APP Interaction Block Hematogenous Tumor Cell Extravasation. <i>Advanced Science</i> , 2021, 8, e2003558.	11.2	10
58	The targetable nanoparticle BAF312@CRGD-CaP-NP represses tumor growth and angiogenesis by downregulating the S1PR1/P-STAT3/VEGFA axis in triple-negative breast cancer. <i>Journal of Nanobiotechnology</i> , 2021, 19, 165.	9.1	10
59	Strategy to prevent cardiac toxicity induced by polyacrylic acid decorated iron MRI contrast agent and investigation of its mechanism. <i>Biomaterials</i> , 2019, 222, 119442.	11.4	9
60	Magnetic polymeric nanobubbles with optimized core size for MRI/ultrasound bimodal molecular imaging of prostate cancer. <i>Nanomedicine</i> , 2020, 15, 2901-2916.	3.3	9
61	<p>Nanoparticle BAF312@CaP-NP Overcomes Sphingosine-1-Phosphate Receptor-1-Mediated Chemoresistance Through Inhibiting S1PR1/P-STAT3 Axis in Ovarian Carcinoma</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 5561-5571.	6.7	8
62	Precise Targeting Therapy of Orthotopic Gastric Carcinoma by siRNA and Chemotherapeutic Drug Codelivered in pH-Sensitive Nano Platform. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100966.	7.6	8
63	Cytotoxicity and cellular uptake evaluation of mitoxantrone-loaded poly(lactic acid-co-L-lysine) arginine-glycine-aspartic acid nanoparticles. <i>Journal of Applied Polymer Science</i> , 2011, 119, 1011-1015.	2.6	7
64	Nano Composite Thermo-Sensitive Gel for Paclitaxel and Temozolomide Co-Delivery to Glioblastoma Cells. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 12288-12298.	0.9	7
65	Facile synthesis of 3D hierarchical micro-/nanostructures in capillaries for efficient capture of circulating tumor cells. <i>Journal of Colloid and Interface Science</i> , 2020, 575, 108-118.	9.4	7
66	Efficient Treatment of Atherosclerosis by Dexamethasone Acetate and Rapamycin Co-Loaded mPEG-DSPE Calcium Phosphate Nanoparticles. <i>Journal of Biomedical Nanotechnology</i> , 2020, 16, 810-826.	1.1	6
67	Micro-Particle Image Velocimetry Investigation of Flow Fields of SonoVue Microbubbles Mediated by Ultrasound and Their Relationship With Delivery. <i>Frontiers in Pharmacology</i> , 2019, 10, 1651.	3.5	5
68	cRGD Peptide-Modified Nanocarriers for Targeted Delivery of Angiogenesis Inhibitors to Attenuate Advanced Atherosclerosis. <i>ACS Applied Nano Materials</i> , 2021, 4, 11554-11562.	5.0	5
69	Characterization and Bioactivity of Alginate-Quaternized Chitosan Microcapsules. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2012, 49, 483-489.	2.2	4
70	A combined therapy of rtPA-loaded thermoresponsive gels and ultrasound on hematoma in a rat model of intracerebral hemorrhage. <i>RSC Advances</i> , 2017, 7, 15809-15816.	3.6	4
71	Dual-mode US/MRI nanoparticles delivering siRNA and Pt(IV) for ovarian cancer treatment. <i>RSC Advances</i> , 2019, 9, 33302-33309.	3.6	4
72	ROS-responsive dexamethasone micelles normalize the tumor microenvironment enhancing hypericin in cancer photodynamic therapy. <i>Biomaterials Science</i> , 2022, 10, 1018-1025.	5.4	4

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73	Study of SiRNA-loaded PS-mPEG/CaP nanospheres on lung cancer. Journal of Nanoparticle Research, 2014, 16, 1.	1.9	3
74	CDCP1-targeted nanoparticles encapsulating phase-shift perfluorohexan for molecular US imaging in vitro. Clinical Hemorheology and Microcirculation, 2020, , 1-11.	1.7	2
75	Raman-tag labelled Au@ZIF-8 for cell metabolism monitoring in vitro. Clinical Hemorheology and Microcirculation, 2020, 75, 489-498.	1.7	1
76	Amyloid Precursor Protein Influences Gallbladder Cancer Cell Behaviors and may be an Effective Prognostic Factor. Nano LIFE, 2020, 10, 2040002.	0.9	1
77	Ultrasound-Induced Microbubble Cavitation Combined with Paclitaxel-Loaded Nanoparticles for the Elimination of PC-3 Cells in vitro. Nano LIFE, 0, , .	0.9	1
78	Ultrasound-based nanomedicine for molecular imaging of prostate cancer: from diagnostics to theranostics. Nanomedicine, 2021, 16, 2029-2032.	3.3	0
79	Effects of Injury Severity and Brain Temperature on KAT6A Expression after Traumatic Brain Injury in Rats. BIO Integration, 2022, 3, .	1.3	0