

Wenquan Ou

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,130
citations

394421

19
h-index

552781

26
g-index

26
all docs

26
docs citations

26
times ranked

1728
citing authors

#	ARTICLE	IF	CITATIONS
1	Metformin bicarbonate-mediated efficient RNAi for precise targeting of TP53 deficiency in colon and rectal cancers. <i>Nano Today</i> , 2022, 43, 101406.	11.9	8
2	Noncovalent reversible binding-enabled facile fabrication of leak-free PDMS microfluidic devices without plasma treatment for convenient cell loading and retrieval. <i>Bioactive Materials</i> , 2022, 16, 346-358.	15.6	4
3	Greatly Enhanced CTC Culture Enabled by Capturing CTC Heterogeneity Using a PEGylated PDMS-Titanium-Gold Electromicrofluidic Device with Glutathione-Controlled Gentle Cell Release. <i>ACS Nano</i> , 2022, 16, 11374-11391.	14.6	20
4	Targeting and clearance of senescent foamy macrophages and senescent endothelial cells by antibody-functionalized mesoporous silica nanoparticles for alleviating aorta atherosclerosis. <i>Biomaterials</i> , 2021, 269, 120677.	11.4	54
5	Combination chemotherapeutic and immune-therapeutic anticancer approach via anti-PD-L1 antibody conjugated albumin nanoparticles. <i>International Journal of Pharmaceutics</i> , 2021, 605, 120816.	5.2	19
6	Rock inhibitor may compromise human induced pluripotent stem cells for cardiac differentiation in 3D. <i>Bioactive Materials</i> , 2021, 9, 508-522.	15.6	1
7	Sand-mediated ice seeding enables serum-free low-cryoprotectant cryopreservation of human induced pluripotent stem cells. <i>Bioactive Materials</i> , 2021, 6, 4377-4388.	15.6	9
8	Hyaluronic acid wreathed, trio-stimuli receptive and on-demand triggerable nanoconstruct for anchored combinatorial cancer therapy. <i>Carbohydrate Polymers</i> , 2020, 249, 116815.	10.2	37
9	Anti-CTLA-4 antibody-functionalized dendritic cell-derived exosomes targeting tumor-draining lymph nodes for effective induction of antitumor T-cell responses. <i>Acta Biomaterialia</i> , 2020, 115, 371-382.	8.3	65
10	Phytosterol-loaded CD44 receptor-targeted PEGylated nano-hybrid phyto-liposomes for synergistic chemotherapy. <i>Expert Opinion on Drug Delivery</i> , 2020, 17, 423-434.	5.0	23
11	Artificial Nanoscale Erythrocytes from Clinically Relevant Compounds for Enhancing Cancer Immunotherapy. <i>Nano-Micro Letters</i> , 2020, 12, 90.	27.0	12
12	Multifaceted NIR-responsive polymer-peptide-enveloped drug-loaded copper sulfide nanoplatfor for chemo-phototherapy against highly tumorigenic prostate cancer. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 21, 102042.	3.3	28
13	Development of Folate-Functionalized PEGylated Zein Nanoparticles for Ligand-Directed Delivery of Paclitaxel. <i>Pharmaceutics</i> , 2019, 11, 562.	4.5	24
14	Cold-Responsive Nanoparticle Enables Intracellular Delivery and Rapid Release of Trehalose for Organic-Solvent-Free Cryopreservation. <i>Nano Letters</i> , 2019, 19, 9051-9061.	9.1	53
15	Regulatory T Cells Tailored with pH-Responsive Liposomes Shape an Immuno-Antitumor Milieu against Tumors. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 36333-36346.	8.0	31
16	Aerosol technique-based carbon-encapsulated hollow mesoporous silica nanoparticles for synergistic chemo-photothermal therapy. <i>Acta Biomaterialia</i> , 2019, 88, 448-461.	8.3	29
17	Tailored Black Phosphorus for Erythrocyte Membrane Nanocloaking with Interleukin-1 β siRNA and Paclitaxel for Targeted, Durable, and Mild Combination Cancer Therapy. <i>Theranostics</i> , 2019, 9, 6780-6796.	10.0	29
18	Folate-targeted nanostructured chitosan/chondroitin sulfate complex carriers for enhanced delivery of bortezomib to colorectal cancer cells. <i>Asian Journal of Pharmaceutical Sciences</i> , 2019, 14, 40-51.	9.1	80

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19	Transferrin-Conjugated Polymeric Nanoparticle for Receptor-Mediated Delivery of Doxorubicin in Doxorubicin-Resistant Breast Cancer Cells. <i>Pharmaceutics</i> , 2019, 11, 63.	4.5	79
20	Plug-and-Play Nanorization of Coarse Black Phosphorus for Targeted Chemo-photoimmunotherapy of Colorectal Cancer. <i>ACS Nano</i> , 2018, 12, 10061-10074.	14.6	80
21	Regulatory T cell-targeted hybrid nanoparticles combined with immuno-checkpoint blockage for cancer immunotherapy. <i>Journal of Controlled Release</i> , 2018, 281, 84-96.	9.9	147
22	Palladium nanoparticle-decorated 2-D graphene oxide for effective photodynamic and photothermal therapy of prostate solid tumors. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 169, 429-437.	5.0	44
23	In situ fabrication of mesoporous silica-coated silver-gold hollow nanoshell for remotely controllable chemo-photothermal therapy via phase-change molecule as gatekeepers. <i>International Journal of Pharmaceutics</i> , 2018, 548, 92-103.	5.2	51
24	Polyamino Acid Layer-by-Layer (LbL) Constructed Silica-Supported Mesoporous Titania Nanocarriers for Stimuli-Responsive Delivery of microRNA 708 and Paclitaxel for Combined Chemotherapy. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 24392-24405.	8.0	33
25	Folate receptor-mediated celastrol and irinotecan combination delivery using liposomes for effective chemotherapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 170, 718-728.	5.0	78
26	Combination of NIR therapy and regulatory T cell modulation using layer-by-layer hybrid nanoparticles for effective cancer photoimmunotherapy. <i>Theranostics</i> , 2018, 8, 4574-4590.	10.0	92