

Hanze Hu

List of Publications by Year in descending order

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29
papers

1,754
citations

331670

21
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434195

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32
times ranked

1970
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioinspired Diselenide-Bridged Mesoporous Silica Nanoparticles for Dual-Responsive Protein Delivery. <i>Advanced Materials</i> , 2018, 30, e1801198.	21.0	234
2	Design of therapeutic biomaterials to control inflammation. <i>Nature Reviews Materials</i> , 2022, 7, 557-574.	48.7	187
3	Janus Nanobullets Combine Photodynamic Therapy and Magnetic Hyperthermia to Potentiate Synergetic Anti-Metastatic Immunotherapy. <i>Advanced Science</i> , 2019, 6, 1901690.	11.2	169
4	Engineering Cell Membrane-Based Nanotherapeutics to Target Inflammation. <i>Advanced Science</i> , 2019, 6, 1900605.	11.2	143
5	Biomimetic Diselenide-Bridged Mesoporous Organosilica Nanoparticles as an X-ray-Responsive Biodegradable Carrier for Chemo-Immunotherapy. <i>Advanced Materials</i> , 2020, 32, e2004385.	21.0	122
6	Treatment of severe sepsis with nanoparticulate cell-free DNA scavengers. <i>Science Advances</i> , 2020, 6, eay7148.	10.3	94
7	A nanoparticulate dual scavenger for targeted therapy of inflammatory bowel disease. <i>Science Advances</i> , 2022, 8, eabj2372.	10.3	87
8	Engineered Mesenchymal Stem Cell/Nanomedicine Spheroid as an Active Drug Delivery Platform for Combinational Glioblastoma Therapy. <i>Nano Letters</i> , 2019, 19, 1701-1705.	9.1	71
9	A multifunctional mesoporous silica-gold nanocluster hybrid platform for selective breast cancer cell detection using a catalytic amplification-based colorimetric assay. <i>Nanoscale</i> , 2019, 11, 2631-2636.	5.6	68
10	Applications of Nanobiomaterials in the Therapy and Imaging of Acute Liver Failure. <i>Nano-Micro Letters</i> , 2021, 13, 25.	27.0	62
11	Precision-guided long-acting analgesia by hydrogel-immobilized bupivacaine-loaded microsphere. <i>Theranostics</i> , 2018, 8, 3331-3347.	10.0	54
12	Shape Engineering Boosts Magnetic Mesoporous Silica Nanoparticle-Based Isolation and Detection of Circulating Tumor Cells. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 10656-10663.	8.0	53
13	Biomimetic co-assembled nanodrug of doxorubicin and berberine suppresses chemotherapy-exacerbated breast cancer metastasis. <i>Biomaterials</i> , 2021, 271, 120716.	11.4	49
14	A Versatile Nonviral Delivery System for Multiplex Gene Editing in the Liver. <i>Advanced Materials</i> , 2020, 32, e2003537.	21.0	45
15	Coassembly of nucleus-targeting gold nanoclusters with CRISPR/Cas9 for simultaneous bioimaging and therapeutic genome editing. <i>Journal of Materials Chemistry B</i> , 2021, 9, 94-100.	5.8	45
16	A Versatile and Robust Platform for the Scalable Manufacture of Biomimetic Nanovaccines. <i>Advanced Science</i> , 2021, 8, 2002020.	11.2	43
17	Coordination and Redox Dual-Responsive Mesoporous Organosilica Nanoparticles Amplify Immunogenic Cell Death for Cancer Chemoimmunotherapy. <i>Small</i> , 2021, 17, e2100006.	10.0	40
18	Flash technology-based self-assembly in nanoformulation: Fabrication to biomedical applications. <i>Materials Today</i> , 2021, 42, 99-116.	14.2	35

#	ARTICLE	IF	CITATIONS
19	An Injectable Antibiotic Hydrogel that Scavenges Proinflammatory Factors for the Treatment of Severe Abdominal Trauma. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	32
20	Engineering Nano-therapeutics to Boost Adoptive Cell Therapy for Cancer Treatment. <i>Small Methods</i> , 2021, 5, e2001191.	8.6	31
21	Bioactive Injectable Hydrogel Dressings for Bacteria-Infected Diabetic Wound Healing: A “Pull”-Push Approach. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 26404-26417.	8.0	30
22	Biomaterial-assisted drug delivery for interstitial cystitis/bladder pain syndrome treatment. <i>Journal of Materials Chemistry B</i> , 2021, 9, 23-34.	5.8	16
23	Scalable biomimetic SARS-CoV-2 nanovaccines with robust protective immune responses. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, 96.	17.1	9
24	Immunotherapy: Janus Nanobullets Combine Photodynamic Therapy and Magnetic Hyperthermia to Potentiate Synergetic Anti-Metastatic Immunotherapy (<i>Adv. Sci.</i> 22/2019). <i>Advanced Science</i> , 2019, 6, 1970136.	11.2	8
25	Scavenging Tumor-Derived Small Extracellular Vesicles by Functionalized 2D Materials to Inhibit Tumor Regrowth and Metastasis Following Radiotherapy. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	8
26	Silver Mesoporous Silica Nanoparticles: Fabrication to Combination Therapies for Cancer and Infection. <i>Chemical Record</i> , 2022, , e202100287.	5.8	4
27	Chemoimmunotherapy: Coordination and Redox Dual-Responsive Mesoporous Organosilica Nanoparticles Amplify Immunogenic Cell Death for Cancer Chemoimmunotherapy (<i>Small</i> 26/2021). <i>Small</i> , 2021, 17, 2170130.	10.0	2
28	Abstract 256: Delta tocopherol inhibits urothelial tumorigenesis in the UPII mutant Ha-ras transgenic mouse model and induces apoptosis via activation of the ATF4/CHOP-DR5 pathway. , 2017, , .		1
29	Abstract 1255: Delta-tocopherol induced endoplasmic reticulum stress causes autophagic degradation of ER and cell death in bladder cancer models. <i>Cancer Research</i> , 2018, 78, 1255-1255.	0.9	1