

Xi Hu

List of Publications by Year in descending order

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43
papers

2,187
citations

304743

22
h-index

276875

41
g-index

45
all docs

45
docs citations

45
times ranked

3790
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards accurate facial nerve segmentation with decoupling optimization. <i>Physics in Medicine and Biology</i> , 2022, 67, 065007.	3.0	3
2	A Sub-Nanostructural Transformable Nanozyme for Tumor Photocatalytic Therapy. <i>Nano-Micro Letters</i> , 2022, 14, 101.	27.0	24
3	Effects of slice thickness on CT radiomics features and models for staging liver fibrosis caused by chronic liver disease. <i>Japanese Journal of Radiology</i> , 2022, 40, 1061-1068.	2.4	5
4	Ultrasmall Ruthenium Nanoparticles with Boosted Antioxidant Activity Upregulate Regulatory T Cells for Highly Efficient Liver Injury Therapy. <i>Small</i> , 2022, 18, .	10.0	22
5	Accurate Measurement of Agatston Score Using kVp-Independent Reconstruction Algorithm for Ultra-High-Pitch Sn150 kVp CT. <i>Korean Journal of Radiology</i> , 2021, 22, 1777.	3.4	0
6	Tailor-Made Nanomaterials for Diagnosis and Therapy of Pancreatic Ductal Adenocarcinoma. <i>Advanced Science</i> , 2021, 8, 2002545.	11.2	22
7	Acute necrotising pancreatitis: measurements of necrosis volume and mean CT attenuation help early prediction of organ failure and need for intervention. <i>European Radiology</i> , 2021, 31, 7705-7714.	4.5	9
8	Chemical design of nanozymes for biomedical applications. <i>Acta Biomaterialia</i> , 2021, 126, 15-30.	8.3	80
9	A Combination Model of Radiomics Features and Clinical Biomarkers as a Nomogram to Differentiate Nonadvanced From Advanced Liver Fibrosis: A Retrospective Study. <i>Academic Radiology</i> , 2021, 28, S45-S54.	2.5	8
10	Radiomic features of plaques derived from coronary CT angiography to identify hemodynamically significant coronary stenosis, using invasive FFR as the reference standard. <i>European Journal of Radiology</i> , 2021, 140, 109769.	2.6	11
11	Dynamic nanoassembly-based drug delivery system (DNDDS): Learning from nature. <i>Advanced Drug Delivery Reviews</i> , 2021, 175, 113830.	13.7	17
12	A bimetallic nanocatalyst for light-free oxygen sensitization therapy. <i>Cell Reports Physical Science</i> , 2021, 2, 100538.	5.6	2
13	Indoleamine 2,3-dioxygenase (Ido) inhibitors and their nanomedicines for cancer immunotherapy. <i>Biomaterials</i> , 2021, 276, 121018.	11.4	54
14	Platinum-Induced Peripheral Neuropathy (PIPNe): ROS-Related Mechanism, Therapeutic Agents, and Nanosystems. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 770808.	3.5	8
15	Metal-Organic Framework Nanoparticles for Ameliorating Breast Cancer-Associated Osteolysis. <i>Nano Letters</i> , 2020, 20, 829-840.	9.1	68
16	Biodegradation-Mediated Enzymatic Activity-Tunable Molybdenum Oxide Nanourchins for Tumor-Specific Cascade Catalytic Therapy. <i>Journal of the American Chemical Society</i> , 2020, 142, 1636-1644.	13.7	197
17	Video Education Reduces Pain and Anxiety Levels in Cancer Patients Who First Use Fentanyl Transdermal Patch: A Randomized Controlled Trial. <i>Drug Design, Development and Therapy</i> , 2020, Volume 14, 3477-3483.	4.3	4
18	Nigella A ameliorates inflammation and intestinal flora imbalance in DSS induced colitis mice. <i>AMB Express</i> , 2020, 10, 179.	3.0	12

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19	SPOCK1: a multi-domain proteoglycan at the crossroads of extracellular matrix remodeling and cancer development. <i>American Journal of Cancer Research</i> , 2020, 10, 3127-3137.	1.4	2
20	Nanoformulated ABT-199 to effectively target Bcl-2 at mitochondrial membrane alleviates airway inflammation by inducing apoptosis. <i>Biomaterials</i> , 2019, 192, 429-439.	11.4	26
21	Dynamically Reversible Iron Oxide Nanoparticle Assemblies for Targeted Amplification of T1-Weighted Magnetic Resonance Imaging of Tumors. <i>Nano Letters</i> , 2019, 19, 4213-4220.	9.1	137
22	Controlled synthesis and assembly of ultra-small nanoclusters for biomedical applications. <i>Biomaterials Science</i> , 2019, 7, 480-489.	5.4	35
23	Responsive Assembly of Silver Nanoclusters with a Biofilm Locally Amplified Bactericidal Effect to Enhance Treatments against Multi-Drug-Resistant Bacterial Infections. <i>ACS Central Science</i> , 2019, 5, 1366-1376.	11.3	115
24	Toxicological Risk Assessments of Iron Oxide Nanocluster- and Gadolinium-Based T1MRI Contrast Agents in Renal Failure Rats. <i>ACS Nano</i> , 2019, 13, 6801-6812.	14.6	36
25	Renal-Clearable Hollow Bismuth Subcarbonate Nanotubes for Tumor Targeted Computed Tomography Imaging and Chemoradiotherapy. <i>Nano Letters</i> , 2018, 18, 1196-1204.	9.1	101
26	Plasmon-enhanced electrocatalytic hydrogen/oxygen evolution by Pt/Fe@Au nanorods. <i>Journal of Materials Chemistry A</i> , 2018, 6, 7364-7369.	10.3	44
27	Arginine-Rich Manganese Silicate Nanobubbles as a Ferroptosis-Inducing Agent for Tumor-Targeted Theranostics. <i>ACS Nano</i> , 2018, 12, 12380-12392.	14.6	292
28	Biological Stimulus-Driven Assembly/Disassembly of Functional Nanoparticles for Targeted Delivery, Controlled Activation, and Bioelimination. <i>Advanced Healthcare Materials</i> , 2018, 7, e1800359.	7.6	44
29	A new strategy for hydrophobic drug delivery using a hydrophilic polymer equipped with stacking units. <i>Chemical Communications</i> , 2018, 54, 8218-8221.	4.1	34
30	Tuning the Intrinsic Nanotoxicity in Advanced Therapeutics. <i>Advanced Therapeutics</i> , 2018, 1, 1800059.	3.2	14
31	Diffusion-weighted imaging and variable flip angle T1 mapping: a supplement for image-guided biopsy in follow-up analysis of liver fibrosis. <i>Journal of Interventional Medicine</i> , 2018, 1, 150-156.	0.5	0
32	Platinum drugs: from Pt(II) compounds, Pt(IV) prodrugs, to Pt nanocrystals/nanoclusters. <i>Science Bulletin</i> , 2017, 62, 589-596.	9.0	44
33	Assessment of liver fibrosis by variable flip angle T1 mapping at 3.0T. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 43, 698-703.	3.4	58
34	Assessment of liver fibrosis using pharmacokinetic parameters of dynamic contrast-enhanced magnetic resonance imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 44, 98-104.	3.4	22
35	Rectal Cancer: Assessment of Neoadjuvant Chemoradiation Outcome based on Radiomics of Multiparametric MRI. <i>Clinical Cancer Research</i> , 2016, 22, 5256-5264.	7.0	322
36	pH-Sensitive Pt Nanocluster Assembly Overcomes Cisplatin Resistance and Heterogeneous Stemness of Hepatocellular Carcinoma. <i>ACS Central Science</i> , 2016, 2, 802-811.	11.3	101

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37	Formulation and preparation of a stable intravenous disulfiram-loaded lipid emulsion. <i>European Journal of Lipid Science and Technology</i> , 2015, 117, 869-878.	1.5	23
38	Dry state microcrystals stabilized by an HPMC film to improve the bioavailability of andrographolide. <i>International Journal of Pharmaceutics</i> , 2015, 493, 214-223.	5.2	26
39	Radiofrequency Heat-Enhanced Chemotherapy for Breast Cancer: Towards Interventional Molecular Image-Guided Chemotherapy. <i>Theranostics</i> , 2014, 4, 1145-1152.	10.0	16
40	Investigation of a nanosuspension stabilized by Soluplus® to improve bioavailability. <i>International Journal of Pharmaceutics</i> , 2014, 477, 88-95.	5.2	89
41	Preformulation and development of chemically stable lipid emulsions containing a novel taxane derivative, TM-2. <i>European Journal of Lipid Science and Technology</i> , 2014, 116, 486-496.	1.5	7
42	A combined bottom-up/top-down approach to prepare a sterile injectable nanosuspension. <i>International Journal of Pharmaceutics</i> , 2014, 472, 130-139.	5.2	29
43	Impact of electrolytes on double emulsion systems (W/O/W) stabilized by an amphiphilic block copolymer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 122, 368-374.	5.0	24