Jinhong Jiang

List of Publications by Year in Descending Order

24 papers	1,705 citations	16 h-index	24 g-index
24 ext. papers	2,097 ext. citations	11.8 avg, IF	4.75 L-index

#	Paper	IF	Citations
24	NLRP3 inflammasome activation determines the fibrogenic potential of PM air pollution particles in the lung.. *Journal of Environmental Sciences*, **2022**, 111, 429-441	6.4	6
23	Development of Facile and Versatile Platinum Drug Delivering Silicasome Nanocarriers for Efficient Pancreatic Cancer Chemo-Immunotherapy. *Small*, **2021**, 17, e2005993	11	18
22	Lateral size of graphene oxide determines differential cellular uptake and cell death pathways in Kupffer cells, LSECs, and hepatocytes. *Nano Today*, **2021**, 37, 101061-101061	17.9	21
21	Dissolution of 2D Molybdenum Disulfide Generates Differential Toxicity among Liver Cell Types Compared to Non-Toxic 2D Boron Nitride Effects. *Small*, **2021**, 17, e2101084	11	4
20	Antigen- and Epitope-Delivering Nanoparticles Targeting Liver Induce Comparable Immunotolerance in Allergic Airway Disease and Anaphylaxis as Nanoparticle-Delivering Pharmaceuticals. *ACS Nano*, **2021**, 15, 1608-1626	16.7	16
19	Combination Chemo-Immunotherapy for Pancreatic Cancer Using the Immunogenic Effects of an Irinotecan Silicasome Nanocarrier Plus Anti-PD-1. *Advanced Science*, **2021**, 8, 2002147	13.6	14
18	Immune checkpoint inhibition in syngeneic mouse cancer models by a silicasome nanocarrier delivering a GSK3 inhibitor. *Biomaterials*, **2021**, 269, 120635	15.6	13
17	Use of Nanoformulation to Target Macrophages for Disease Treatment. *Advanced Functional Materials*, **2021**, 31, 2104487	15.6	5
16	Nanocellulose Length Determines the Differential Cytotoxic Effects and Inflammatory Responses in Macrophages and Hepatocytes. *Small*, **2021**, 17, e2102545	11	8
15	Mechanistic Differences in Cell Death Responses to Metal-Based Engineered Nanomaterials in Kupffer Cells and Hepatocytes. *Small*, **2020**, 16, e2000528	11	21
14	Use of ratiometrically designed nanocarrier targeting CDK4/6 and autophagy pathways for effective pancreatic cancer treatment. *Nature Communications*, **2020**, 11, 4249	17.4	21
13	Use of Polymeric Nanoparticle Platform Targeting the Liver To Induce Treg-Mediated Antigen-Specific Immune Tolerance in a Pulmonary Allergen Sensitization Model. *ACS Nano*, **2019**, 13, 4778-4794	16.7	51
12	Transcytosis - An effective targeting strategy that is complementary to "EPR effect" for pancreatic cancer nano drug delivery. *Theranostics*, **2019**, 9, 8018-8025	12.1	54
11	Development of self-assembled multi-arm polyrotaxanes nanocarriers for systemic plasmid delivery in vivo. *Biomaterials*, **2019**, 192, 416-428	15.6	21
10	Improved Efficacy and Reduced Toxicity Using a Custom-Designed Irinotecan-Delivering Silicasome for Orthotopic Colon Cancer. *ACS Nano*, **2019**, 13, 38-53	16.7	51
9	Toxicological Profiling of Metal Oxide Nanoparticles in Liver Context Reveals Pyroptosis in Kupffer Cells and Macrophages versus Apoptosis in Hepatocytes. *ACS Nano*, **2018**, 12, 3836-3852	16.7	91
8	Targeted drug delivery using iRGD peptide for solid cancer treatment. *Molecular Systems Design and Engineering*, **2017**, 2, 370-379	4.6	30

7	Nano-enabled pancreas cancer immunotherapy using immunogenic cell death and reversing immunosuppression. *Nature Communications*, **2017**, 8, 1811	17.4	259
6	Major effect of transcytosis on nano drug delivery to pancreatic cancer. *Molecular and Cellular Oncology*, **2017**, 4, e1335273	1.2	3
5	Tumor-penetrating peptide enhances transcytosis of silicasome-based chemotherapy for pancreatic cancer. *Journal of Clinical Investigation*, **2017**, 127, 2007-2018	15.9	118
4	Improving antifouling ability and hemocompatibility of poly(vinylidene fluoride) membranes by polydopamine-mediated ATRP. *Journal of Materials Chemistry B*, **2015**, 3, 7698-7706	7.3	37
3	Antifouling and antimicrobial polymer membranes based on bioinspired polydopamine and strong hydrogen-bonded poly(N-vinyl pyrrolidone). *ACS Applied Materials & Interfaces*, **2013**, 5, 12895-904	9.5	289
2	Polypropylene Glycol: The Hydrophilic Phenomena in the Modification of Polyethersulfone Membranes. *Industrial & Engineering Chemistry Research*, **2011**, 50, 11297-11305	3.9	16
1	Surface characteristics of a self-polymerized dopamine coating deposited on hydrophobic polymer films. *Langmuir*, **2011**, 27, 14180-7	4	538