Diana Dehaini

List of Publications by Citations

20 papers	3,069 citations	17 h-index	20 g-index
20 ext. papers	3,793 ext. citations	15.7 avg, IF	4.96 L-index

#	Paper	IF	Citations
20	Nanoparticle biointerfacing by platelet membrane cloaking. *Nature*, **2015**, 526, 118-21	50.4	890
19	Neutrophil membrane-coated nanoparticles inhibit synovial inflammation and alleviate joint damage in inflammatory arthritis. *Nature Nanotechnology*, **2018**, 13, 1182-1190	28.7	339
18	Erythrocyte-Platelet Hybrid Membrane Coating for Enhanced Nanoparticle Functionalization. *Advanced Materials*, **2017**, 29, 1606209	24	287
17	Nanoparticulate Delivery of Cancer Cell Membrane Elicits Multiantigenic Antitumor Immunity. *Advanced Materials*, **2017**, 29, 1703969	24	260
16	Interfacial interactions between natural RBC membranes and synthetic polymeric nanoparticles. *Nanoscale*, **2014**, 6, 2730-7	7.7	207
15	Nanoparticle Functionalization with Platelet Membrane Enables Multifactored Biological Targeting and Detection of Atherosclerosis. *ACS Nano*, **2018**, 12, 109-116	16.7	141
14	Safe and Immunocompatible Nanocarriers Cloaked in RBC Membranes for Drug Delivery to Treat Solid Tumors. *Theranostics*, **2016**, 6, 1004-11	12.1	139
13	Erythrocyte membrane-cloaked polymeric nanoparticles for controlled drug loading and release. *Nanomedicine*, **2013**, 8, 1271-80	5.6	133
12	Hybrid biomembrane-functionalized nanorobots for concurrent removal of pathogenic bacteria and toxins. *Science Robotics*, **2018**, 3,	18.6	125
11	Nanoparticles camouflaged in platelet membrane coating as an antibody decoy for the treatment of immune thrombocytopenia. *Biomaterials*, **2016**, 111, 116-123	15.6	114
10	Biomimetic strategies for targeted nanoparticle delivery. *Bioengineering and Translational Medicine*, **2016**, 1, 30-46	14.8	89
9	Ultra-small lipid-polymer hybrid nanoparticles for tumor-penetrating drug delivery. *Nanoscale*, **2016**, 8, 14411-9	7.7	79
8	Nanoparticle-Based Antivirulence Vaccine for the Management of Methicillin-Resistant Skin Infection. *Advanced Functional Materials*, **2016**, 26, 1628-1635	15.6	70
7	Remote Loading of Small-Molecule Therapeutics into Cholesterol-Enriched Cell-Membrane-Derived Vesicles. *Angewandte Chemie - International Edition*, **2017**, 56, 14075-14079	16.4	53
6	Biomimetic nanoparticle technology for cardiovascular disease detection and treatment. *Nanoscale Horizons*, **2020**, 5, 25-42	10.8	45
5	Remote-Loaded Platelet Vesicles for Disease-Targeted Delivery of Therapeutics. *Advanced Functional Materials*, **2018**, 28, 1801032	15.6	43
4	Multiantigenic Nanotoxoids for Antivirulence Vaccination against Antibiotic-Resistant Gram-Negative Bacteria. *Nano Letters*, **2019**, 19, 4760-4769	11.5	37

List of Publications

3	Group A Streptococcal S Protein Utilizes Red Blood Cells as Immune Camouflage and Is a Critical Determinant for Immune Evasion. *Cell Reports*, **2019**, 29, 2979-2989.e15	10.6	12
2	CD4+ T cell-mimicking nanoparticles encapsulating DIABLO/SMAC mimetics broadly neutralize HIV-1 and selectively kill HIV-1-infected cells. *Theranostics*, **2021**, 11, 9009-9021	12.1	6
1	Remote Loading of Small-Molecule Therapeutics into Cholesterol-Enriched Cell-Membrane-Derived Vesicles. *Angewandte Chemie*, **2017**, 129, 14263-14267	3.6	0