Szu-Wen Wang

List of Publications by Year
in descending order

33	1,462	361413	434195
papers	citations	20 h-index	31 g-index

33	33	33	2163
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nanopillar Templating Augments the Stiffness and Strength in Biopolymer Films. ACS Nano, 2022, 16, 3311-3322.	14.6	5
2	Advancements in protein nanoparticle vaccine platforms to combat infectious disease. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2021, 13, e1681.	6.1	29
3	An Antigenâ€Delivery Protein Nanoparticle Combined with Antiâ€PDâ€1 Checkpoint Inhibitor Has Curative Efficacy in an Aggressive Melanoma Model. Advanced Therapeutics, 2020, 3, 2000122.	3.2	9
4	Effects of Surface-Bound Collagen-Mimetic Peptides on Macrophage Uptake and Immunomodulation. Frontiers in Bioengineering and Biotechnology, 2020, 8, 747.	4.1	11
5	Extracellular Matrixâ€Based Strategies for Immunomodulatory Biomaterials Engineering. Advanced Healthcare Materials, 2019, 8, e1801578.	7.6	119
6	Metabolite Responsive Nanoparticleâ€“Protein Complex. Biomacromolecules, 2019, 20, 2703-2712.	5.4	11
7	Protein-based nanoparticles in cancer vaccine development. Nanomedicine: Nanotechnology, Biology, and Medicine, 2019, 15, 164-174.	3.3	127
8	Recombinant collagen scaffolds as substrates for human neural stem/progenitor cells. Journal of Biomedical Materials Research - Part A, 2018, 106, 1363-1372.	4.0	31
9	Co-delivery of human cancer-testis antigens with adjuvant in protein nanoparticles induces higher cell-mediated immune responses. Biomaterials, 2018, 156, 194-203.	11.4	48
10	Tailoring Collagen to Engineer the Cellular Microenvironment. Biotechnology Journal, 2018, 13, 1800140.	3.5	5
11	Display of DNA on Nanoparticles for Targeting Antigen Presenting Cells. ACS Biomaterials Science and Engineering, 2017, 3, 496-501.	5.2	32
12	Incorporation of a Ligand Peptide for Immune Inhibitory Receptor LAIRâ€1 on Biomaterial Surfaces Inhibits Macrophage Inflammatory Responses. Advanced Healthcare Materials, 2017, 6, 1700707.	7.6	20
13	Tuning Hydrophobicity in Abiotic Affinity Reagents: Polymer Hydrogel Affinity Reagents for Molecules with Lipid-like Domains. Biomacromolecules, 2016, 17, 1860-1868.	5.4	17
14	Viral-mimicking protein nanoparticle vaccine for eliciting anti-tumor responses. Biomaterials, 2016, 86, 83-91.	11.4	75
15	Structure and Stability of Protein Materials. , 2016, , 3854-3858.		0
16	Tuning cellular response by modular design of bioactive domains in collagen. Biomaterials, 2015, 53, 309-317.	11.4	22
17	Sortase A-mediated multi-functionalization of protein nanoparticles. Chemical Communications, 2015, 51, 12107-12110.	4.1	60
18	Structure and Stability of Protein Materials. , 2015, , 1-5.		0

#	Article	IF	Citations
19	Caged protein nanoparticles for drug delivery. Current Opinion in Biotechnology, 2014, 28, 75-82.	6.6	153
20	Expanding Functionality of Recombinant Human Collagen Through Engineered Non-Native Cysteines. Biomacromolecules, 2014, 15, 3540-3549.	5.4	13
21	Modification of Biomaterials with a Selfâ€Protein Inhibits the Macrophage Response. Advanced Healthcare Materials, 2014, 3, 989-994.	7.6	51
22	Engineered drug-protein nanoparticle complexes for folate receptor targeting. Biochemical Engineering Journal, 2014, 89, 33-41.	3.6	57
23	Nanoscale architecture and cellular adhesion of biomimetic collagen substrates. Journal of Biomaterials Applications, 2014, 28, 1354-1365.	2.4	8
24	Biomimetic Protein Nanoparticles Facilitate Enhanced Dendritic Cell Activation and Cross-Presentation. ACS Nano, 2013, 7, 9743-9752.	14.6	122
25	Complement Activation and Cell Uptake Responses Toward Polymer-Functionalized Protein Nanocapsules. Biomacromolecules, 2012, 13, 974-981.	5.4	43
26	Interfacial polymer phase segregation and self-assembly of square colloidal crystals. Soft Matter, 2012, 8, 6684.	2.7	4
27	Biomimetic Design of Protein Nanomaterials for Hydrophobic Molecular Transport. Advanced Functional Materials, 2012, 22, 3170-3180.	14.9	55
28	Protein Nanocapsules Containing Doxorubicin as a pHâ€Responsive Delivery System. Small, 2011, 7, 1051-1060.	10.0	111
29	Recombinant Human Collagen and Biomimetic Variants Using a De Novo Gene Optimized for Modular Assembly. Biomacromolecules, 2010, 11, 1460-1469.	5.4	20
30	pH-Triggered Disassembly in a Caged Protein Complex. Biomacromolecules, 2009, 10, 3199-3206.	5.4	33
31	Design of a pH-Dependent Molecular Switch in a Caged Protein Platform. Nano Letters, 2009, 9, 160-166.	9.1	55
32	Thermostability and molecular encapsulation within an engineered caged protein scaffold. Biotechnology and Bioengineering, 2008, 101, 654-664.	3.3	64
33	Determination of Pâ€glycoprotein inhibition by excipients and their combinations using an integrated highâ€throughput process. Journal of Pharmaceutical Sciences, 2004, 93, 2755-2767.	3.3	52