Wing-Hin Lee

List of Publications by Year
in descending order

45 papers	2,636 citations	201385 27 h-index	264894 42 g-index
46 all docs	46 docs citations	46 times ranked	4436 citing authors

#	Article	IF	Citations
1	Nanotechnology-based therapeutics for targeting inflammatory lung diseases. Nanomedicine, 2022, 17, 865-879.	1.7	5
2	Toxicity of curcumin nanoparticles towards alveolar macrophage: Effects of surface charges. Food and Chemical Toxicology, 2022, 163, 112976.	1.8	13
3	Recent advances in drug formulation development for targeting lung cancer. , 2021, , 75-100.		0
4	In situ functionalizing calcium phosphate biomaterials with curcumin for the prevention of bacterial biofilm infections. Colloids and Surfaces B: Biointerfaces, 2021, 206, 111938.	2.5	4
5	Development and Evaluation of Paclitaxel and Curcumin Dry Powder for Inhalation Lung Cancer Treatment. Pharmaceutics, 2021, 13, 9.	2.0	34
6	Physicochemical Characteristics and In Vitro Toxicity/Anti-SARS-CoV-2 Activity of Favipiravir Solid Lipid Nanoparticles (SLNs). Pharmaceuticals, 2021, 14, 1059.	1.7	18
7	Delivery of pDNA to lung epithelial cells using PLGA nanoparticles formulated with a cell-penetrating peptide: understanding the intracellular fate. Drug Development and Industrial Pharmacy, 2020, 46, 427-442.	0.9	17
8	Targeting biofilms in chronic respiratory infections using drug delivery systems. , 2020, , 117-146.		0
9	Nanotoxicologic Effects of PLGA Nanoparticles Formulated with a Cell-Penetrating Peptide: Searching for a Safe pDNA Delivery System for the Lungs. Pharmaceutics, 2019, 11, 12.	2.0	29
10	Functionalizing the surface of hydroxyapatite drug carrier with carboxylic acid groups to modulate the loading and release of curcumin nanoparticles. Materials Science and Engineering C, 2019, 99, 929-939.	3.8	44
11	Sweetening Inhaled Antibiotic Treatment for Eradication of Chronic Respiratory Biofilm Infection. Pharmaceutical Research, 2018, 35, 50.	1.7	11
12	The potential to treat lung cancer via inhalation of repurposed drugs. Advanced Drug Delivery Reviews, 2018, 133, 107-130.	6.6	57
13	The Development and Achievement of Polymeric Nanoparticles for Cancer Drug Treatment. , 2017, , 25-82.		1
14	The achievement of ligand-functionalized organic/polymeric nanoparticles for treating multidrug resistant cancer. Expert Opinion on Drug Delivery, 2017, 14, 937-957.	2.4	21
15	Synthesis and Characterization of Inhalable Flavonoid Nanoparticle for Lung Cancer Cell Targeting. Journal of Biomedical Nanotechnology, 2016, 12, 371-386.	0.5	38
16	Resveratrol solid lipid microparticles as dry powder formulation for nasal delivery, characterization andin vitrodeposition study. Journal of Microencapsulation, 2016, 33, 735-742.	1.2	12
17	Co-spray dried resveratrol and budesonide inhalation formulation for reducing inflammation and oxidative stress in rat alveolar macrophages. European Journal of Pharmaceutical Sciences, 2016, 86, 20-28.	1.9	35
18	Combination of Silver Nanoparticles and Curcumin Nanoparticles for Enhanced Anti-biofilm Activities. Journal of Agricultural and Food Chemistry, 2016, 64, 2513-2522.	2.4	148

#	Article	IF	Citations
19	Curcumin Nanoparticles Attenuate Production of Pro-inflammatory Markers in Lipopolysaccharide-Induced Macrophages. Pharmaceutical Research, 2016, 33, 315-327.	1.7	16
20	Biological Effects of Simvastatin Formulated as pMDI on Pulmonary Epithelial Cells. Pharmaceutical Research, 2016, 33, 92-101.	1.7	17
21	Implications and emerging control strategies for ventilator-associated infections. Expert Review of Anti-Infective Therapy, 2015, 13, 379-393.	2.0	13
22	In vitro biological activity of resveratrol using a novel inhalable resveratrol spray-dried formulation. International Journal of Pharmaceutics, 2015, 491, 190-197.	2.6	32
23	Nano- and micro-based inhaled drug delivery systems for targeting alveolar macrophages. Expert Opinion on Drug Delivery, 2015, 12, 1009-1026.	2.4	121
24	Fabrication of Curcumin Micellar Nanoparticles with Enhanced Anti-Cancer Activity. Journal of Biomedical Nanotechnology, 2015, 11, 1093-1105.	0.5	62
25	Inhalation of nanoparticle-based drug for lung cancer treatment: Advantages and challenges. Asian Journal of Pharmaceutical Sciences, 2015, 10, 481-489.	4.3	133
26	Osteoblast response to the surface of amino acidâ€functionalized hydroxyapatite. Journal of Biomedical Materials Research - Part A, 2015, 103, 2150-2160.	2.1	22
27	Layered silicate clay functionalized with amino acids: wound healing application. RSC Advances, 2014, 4, 35332-35343.	1.7	42
28	Non-cytotoxic silver nanoparticle-polyvinyl alcohol hydrogels with anti-biofilm activity: designed as coatings for endotracheal tube materials. Biofouling, 2014, 30, 773-788.	0.8	41
29	A review of chemical surface modification of bioceramics: Effects on protein adsorption and cellular response. Colloids and Surfaces B: Biointerfaces, 2014, 122, 823-834.	2.5	104
30	Recent advances in curcumin nanoformulation for cancer therapy. Expert Opinion on Drug Delivery, 2014, 11, 1183-1201.	2.4	186
31	Silver nanoparticles enhancePseudomonas aeruginosaPAO1 biofilm detachment. Drug Development and Industrial Pharmacy, 2014, 40, 719-729.	0.9	43
32	Physico-chemical, mechanical and cytotoxicity characterizations of LaponiteÂ®/alginate nanocomposite. Applied Clay Science, 2013, 85, 64-73.	2.6	64
33	A novel approach to enhance protein adsorption and cell proliferation on hydroxyapatite: citric acid treatment. RSC Advances, 2013, 3, 4040.	1.7	37
34	High protein adsorptive capacity of amino acidâ€functionalized hydroxyapatite. Journal of Biomedical Materials Research - Part A, 2013, 101A, 873-883.	2.1	33
35	Curcumin and its Derivatives: Their Application in Neuropharmacology and Neuroscience in the 21st Century. Current Neuropharmacology, 2013, 11, 338-378.	1.4	422
36	Modulating protein adsorption onto hydroxyapatite particles using different amino acid treatments. Journal of the Royal Society Interface, 2012, 9, 918-927.	1.5	77

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37	Hydroxyapatite nanoparticles as vectors for gene delivery. Therapeutic Delivery, 2012, 3, 623-632.	1.2	48
38	Synthesis and characterization of hydroxyapatite with different crystallinity: Effects on protein adsorption and release. Journal of Biomedical Materials Research - Part A, 2012, 100A, 1539-1549.	2.1	57
39	Superhydrophobic, nanotextured polyvinyl chloride films for delaying Pseudomonas aeruginosa attachment to intubation tubes and medical plastics. Acta Biomaterialia, 2012, 8, 1881-1890.	4.1	74
40	Regulating Protein Adsorption onto Hydroxyapatite: Amino Acid Treatment. Key Engineering Materials, 2011, 493-494, 666-671.	0.4	1
41	Controlled biosynthesis and characterization of poly(3-hydroxybutyrate-co-3-hydroxyvalerate-co-3-hydroxyhexanoate) from mixtures of palm kernel oil and 3HV-precursors. Polymer Degradation and Stability, 2008, 93, 17-23.	2.7	101
42	Biosynthesis of polyhydroxyalkanoate copolymers from mixtures of plant oils and 3-hydroxyvalerate precursors. Bioresource Technology, 2008, 99, 6844-6851.	4.8	165
43	Efficient bioconversion of palm acid oil and palm kernel acid oil to poly(3-hydroxybutyrate) by Cupriavidus necator. Canadian Journal of Chemistry, 2008, 86, 533-539.	0.6	17
44	Biosynthesis and Characterization of Poly(3-hydroxybutyrate-co-3- hydroxyhexanoate) from Palm Oil Products in a Wautersia eutropha Mutant. Biotechnology Letters, 2005, 27, 1405-1410.	1.1	132
45	Effects of culture conditions on the composition of poly(3-hydroxybutyrate-co-4-hydroxybutyrate) synthesized by Comamonas acidovorans. Polymer Degradation and Stability, 2004, 84, 129-134.	2.7	87