

Hong Yang

List of Publications by Year in descending order

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42
papers

1,956
citations

236612

25
h-index

243296

44
g-index

47
all docs

47
docs citations

47
times ranked

2962
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhibition of Toll-Like Receptor Signaling as a Promising Therapy for Inflammatory Diseases: A Journey from Molecular to Nano Therapeutics. <i>Frontiers in Physiology</i> , 2017, 8, 508.	1.3	266
2	Direct, Electronic MicroRNA Detection for the Rapid Determination of Differential Expression Profiles. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 8461-8464.	7.2	135
3	A Novel Mouse Model of <i>Campylobacter jejuni</i> Gastroenteritis Reveals Key Pro-inflammatory and Tissue Protective Roles for Toll-like Receptor Signaling during Infection. <i>PLoS Pathogens</i> , 2014, 10, e1004264.	2.1	107
4	Nanostructuring of Patterned Microelectrodes To Enhance the Sensitivity of Electrochemical Nucleic Acids Detection. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 8457-8460.	7.2	90
5	Self-Assembling Peptide as a Potential Carrier for Hydrophobic Anticancer Drug Ellipticine: Complexation, Release and In Vitro Delivery. <i>Advanced Functional Materials</i> , 2009, 19, 74-83.	7.8	85
6	Modification of Hydrophilic and Hydrophobic Surfaces Using an Ionic-Complementary Peptide. <i>PLoS ONE</i> , 2007, 2, e1325.	1.1	75
7	Manipulation of macrophage polarization by peptide-coated gold nanoparticles and its protective effects on acute lung injury. <i>Journal of Nanobiotechnology</i> , 2020, 18, 38.	4.2	73
8	Anion Effect on the Nanostructure of a Metal Ion Binding Self-Assembling Peptide. <i>Langmuir</i> , 2006, 22, 8553-8562.	1.6	71
9	Amino Acid-Dependent Attenuation of Toll-like Receptor Signaling by Peptide-Gold Nanoparticle Hybrids. <i>ACS Nano</i> , 2015, 9, 6774-6784.	7.3	69
10	Surface-Assisted Assembly of an Ionic-Complementary Peptide: Controllable Growth of Nanofibers. <i>Journal of the American Chemical Society</i> , 2007, 129, 12200-12210.	6.6	68
11	Endosomal pH modulation by peptide-gold nanoparticle hybrids enables potent anti-inflammatory activity in phagocytic immune cells. <i>Biomaterials</i> , 2016, 111, 90-102.	5.7	56
12	Programming the Cellular Uptake of Physiologically Stable Peptide-Gold Nanoparticle Hybrids with Single Amino Acids. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 9643-9646.	7.2	50
13	Self-assembling peptide-based nanoparticles enhance cellular delivery of the hydrophobic anticancer drug ellipticine through caveolae-dependent endocytosis. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2012, 8, 647-654.	1.7	50
14	Nonamyloid Aggregates Arising from Mature Copper/Zinc Superoxide Dismutases Resemble Those Observed in Amyotrophic Lateral Sclerosis. <i>Journal of Biological Chemistry</i> , 2010, 285, 41701-41711.	1.6	47
15	Size-dependent anti-inflammatory activity of a peptide-gold nanoparticle hybrid in vitro and in a mouse model of acute lung injury. <i>Acta Biomaterialia</i> , 2019, 85, 203-217.	4.1	47
16	Sequence Effect of Self-Assembling Peptides on the Complexation and In Vitro Delivery of the Hydrophobic Anticancer Drug Ellipticine. <i>PLoS ONE</i> , 2008, 3, e1956.	1.1	45
17	Mechanoreceptors in Diseased Cervical Intervertebral Disc and Vertigo. <i>Spine</i> , 2017, 42, 540-546.	1.0	44
18	Formation of colloidal suspension of hydrophobic compounds with an amphiphilic self-assembling peptide. <i>Colloids and Surfaces B: Biointerfaces</i> , 2007, 55, 200-211.	2.5	43

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19	Amino Acid Pairing for De Novo Design of Self-Assembling Peptides and Their Drug Delivery Potential. <i>Advanced Functional Materials</i> , 2011, 21, 2456-2464.	7.8	41
20	Involvements of p38 MAPK and oxidative stress in the ozone-induced enhancement of AHR and pulmonary inflammation in an allergic asthma model. <i>Respiratory Research</i> , 2017, 18, 216.	1.4	37
21	Peptide-Gold Nanoparticle Hybrids as Promising Anti-Inflammatory Nanotherapeutics for Acute Lung Injury: In Vivo Efficacy, Biodistribution, and Clearance. <i>Advanced Healthcare Materials</i> , 2018, 7, e1800510.	3.9	28
22	Ionic-Complementary Peptide Matrix for Enzyme Immobilization and Biomolecular Sensing. <i>Langmuir</i> , 2009, 25, 7773-7777.	1.6	27
23	The potential of nanoscale combinations of self-assembling peptides and amino acids of the Src tyrosine kinase inhibitor in acute lung injury therapy. <i>Biomaterials</i> , 2011, 32, 4000-4008.	5.7	26
24	The Serine Protease Autotransporter Pic Modulates <i>Citrobacter rodentium</i> Pathogenesis and Its Innate Recognition by the Host. <i>Infection and Immunity</i> , 2015, 83, 2636-2650.	1.0	26
25	Effective delivery of a rationally designed intracellular peptide drug with gold nanoparticle-peptide hybrids. <i>Nanoscale</i> , 2015, 7, 12356-12360.	2.8	24
26	Ionic-complementary peptide-modified highly ordered pyrolytic graphite electrode for biosensor application. <i>Biotechnology Progress</i> , 2008, 24, 964-971.	1.3	23
27	Mechanical-Force-Induced Nucleation and Growth of Peptide Nanofibers at Liquid/Solid Interfaces. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4397-4400.	7.2	22
28	Enhanced Anti-inflammatory Activity of Peptide-Gold Nanoparticle Hybrids upon Cigarette Smoke Extract Modification through TLR Inhibition and Autophagy Induction. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 32706-32719.	4.0	21
29	Administration route governs the therapeutic efficacy, biodistribution and macrophage targeting of anti-inflammatory nanoparticles in the lung. <i>Journal of Nanobiotechnology</i> , 2021, 19, 56.	4.2	21
30	Anagliptin stimulates osteoblastic cell differentiation and mineralization. <i>Biomedicine and Pharmacotherapy</i> , 2020, 129, 109796.	2.5	18
31	Hemolymphangioma of the waist: A case report and review of the literature. <i>Oncology Letters</i> , 2015, 9, 2629-2632.	0.8	16
32	Amino Acid Structure Determines the Immune Responses Generated by Peptide-Gold Nanoparticle Hybrids. <i>Particle and Particle Systems Characterization</i> , 2013, 30, 1039-1043.	1.2	13
33	Cervical Decompression Surgery for Cervical Spondylotic Myelopathy and Concomitant Hypertension. <i>Spine</i> , 2017, 42, 903-908.	1.0	13
34	Nano-Enabled Reposition of Proton Pump Inhibitors for TLR Inhibition: Toward A New Targeted Nanotherapy for Acute Lung Injury. <i>Advanced Science</i> , 2022, 9, e2104051.	5.6	13
35	Combination therapy with proteasome inhibitors and TLR agonists enhances tumour cell death and IL-1 β production. <i>Cell Death and Disease</i> , 2018, 9, 162.	2.7	10
36	TLR9 limits enteric antimicrobial responses and promotes microbiota-based colonisation resistance during <i>Citrobacter rodentium</i> infection. <i>Cellular Microbiology</i> , 2019, 21, e13026.	1.1	8

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37	Screening Bioactive Nanoparticles in Phagocytic Immune Cells for Inhibitors of Toll-like Receptor Signaling. <i>Journal of Visualized Experiments</i> , 2017, , .	0.2	4
38	Protein Kinase C-delta Inhibitor Peptide Formulation using Gold Nanoparticles. <i>Journal of Visualized Experiments</i> , 2019, , .	0.2	4
39	Lower serum interleukinâ€22 and interleukinâ€35 levels are associated with disease status in neuromyelitis optica spectrum disorders. <i>CNS Neuroscience and Therapeutics</i> , 2020, 26, 251-259.	1.9	4
40	The Modulatory Activity of Tryptophan Displaying Nanodevices on Macrophage Activation for Preventing Acute Lung Injury. <i>Frontiers in Immunology</i> , 2021, 12, 750128.	2.2	3
41	Minimum 5-year follow-up study on the effects of the Wallis dynamic stabilization system in the treatment of lumbar degenerative disease. <i>Chinese Medical Journal</i> , 2014, 127, 3587-91.	0.9	1
42	Significance of highly phosphorylated insulin-like growth factor binding protein-1 and cervical length for prediction of preterm delivery in twin pregnancies. <i>World Journal of Clinical Cases</i> , 2021, 9, 4553-4558.	0.3	0