Yuanliang Hu

List of Publications by Citations

82 papers	1,708 citations	25 h-index	37 g-index
83 ext. papers	2,166 ext. citations	6.3 avg, IF	4.45 L-index

#	Paper	IF	Citations
82	Polysaccharides from Traditional Chinese Medicines: Extraction, Purification, Modification, and Biological Activity. *Molecules*, **2016**, 21,	4.8	78
81	Optimization of selenylation conditions for lycium barbarum polysaccharide based on antioxidant activity. *Carbohydrate Polymers*, **2014**, 103, 148-53	10.3	70
80	Optimization of selenylation conditions for Chinese angelica polysaccharide based on immune-enhancing activity. *Carbohydrate Polymers*, **2013**, 92, 645-50	10.3	63
79	Effect of epimedium polysaccharide-propolis flavone immunopotentiator on immunosuppression induced by cyclophosphamide in chickens. *Cellular Immunology*, **2013**, 281, 37-43	4.4	63
78	The comparison of antioxidative and hepatoprotective activities of Codonopsis pilosula polysaccharide (CP) and sulfated CP. *International Immunopharmacology*, **2015**, 24, 299-305	5.8	58
77	Ganoderma lucidum polysaccharides encapsulated in liposome as an adjuvant to promote Th1-bias immune response. *Carbohydrate Polymers*, **2016**, 142, 141-8	10.3	56
76	Immuno-enhancing activity of sulfated Auricularia auricula polysaccharides. *Carbohydrate Polymers*, **2012**, 89, 1117-22	10.3	54
75	Optimization of selenylation modification for garlic polysaccharide based on immune-enhancing activity. *Carbohydrate Polymers*, **2016**, 136, 560-9	10.3	52
74	The immunological activity of Lycium barbarum polysaccharides liposome in vitro and adjuvanticity against PCV2 in vivo. *International Journal of Biological Macromolecules*, **2016**, 85, 294-301	7.9	51
73	Modification of lily polysaccharide by selenylation and the immune-enhancing activity. *Carbohydrate Polymers*, **2016**, 142, 73-81	10.3	50
72	Optimization on conditions of Lycium barbarum polysaccharides liposome by RSM and its effects on the peritoneal macrophages function. *Carbohydrate Polymers*, **2015**, 117, 215-222	10.3	41
71	Effect of selenylation modification on immune-enhancing activity of Atractylodes macrocephala polysaccharide. *International Journal of Biological Macromolecules*, **2015**, 72, 1435-40	7.9	40
70	Simple nanoliposomes encapsulating polysaccharides as adjuvants improve humoral and cellular immunity in mice. *International Journal of Nanomedicine*, **2017**, 12, 6289-6301	7.3	38
69	Optimization of Glycyrrhiza polysaccharide liposome by response surface methodology and its immune activities. *International Journal of Biological Macromolecules*, **2017**, 102, 68-75	7.9	37
68	Polyethylenimine-coated PLGA nanoparticles-encapsulated Angelica sinensis polysaccharide as an adjuvant to enhance immune responses. *Carbohydrate Polymers*, **2019**, 223, 115128	10.3	37
67	The antioxidative and hepatoprotective effects comparison of Chinese angelica polysaccharide(CAP)and selenizing CAP (sCAP) in CCl induced hepatic injury mice. *International Journal of Biological Macromolecules*, **2017**, 97, 46-54	7.9	36
66	Comparison of Bush Sophora Root polysaccharide and its sulfated anti-duck hepatitis A virus activity and mechanism. *Carbohydrate Polymers*, **2014**, 102, 333-40	10.3	35

65	Activation effect of Ganoderma lucidum polysaccharides liposomes on murine peritoneal macrophages. *International Journal of Biological Macromolecules*, **2016**, 82, 973-8	7.9	34
64	Structural characterization of an acidic Epimedium polysaccharide and its immune-enhancement activity. *Carbohydrate Polymers*, **2016**, 138, 134-42	10.3	32
63	Angelica sinensis polysaccharide encapsulated into PLGA nanoparticles as a vaccine delivery and adjuvant system for ovalbumin to promote immune responses. *International Journal of Pharmaceutics*, **2019**, 554, 72-80	6.5	31
62	The anti-DHAV activities of Astragalus polysaccharide and its sulfate compared with those of BSRPS and its sulfate. *Carbohydrate Polymers*, **2015**, 117, 339-345	10.3	29
61	The preparation of gypenosides liposomes and its effects on the peritoneal macrophages function in vitro. *International Journal of Pharmaceutics*, **2014**, 460, 248-54	6.5	29
60	Optimization on preparation conditions of Rehmannia glutinosa polysaccharide liposome and its immunological activity. *Carbohydrate Polymers*, **2014**, 104, 118-26	10.3	28
59	The antioxidant action and mechanism of selenizing Schisandra chinensis polysaccharide in chicken embryo hepatocyte. *International Journal of Biological Macromolecules*, **2017**, 98, 506-514	7.9	27
58	Immunomodulatory effects of Alhagi honey polysaccharides encapsulated into PLGA nanoparticles. *Carbohydrate Polymers*, **2019**, 211, 217-226	10.3	26
57	Effects of selenizing angelica polysaccharide and selenizing garlic polysaccharide on immune function of murine peritoneal macrophage. *International Immunopharmacology*, **2015**, 27, 104-9	5.8	25
56	Optimization of angelica sinensis polysaccharide-loaded Poly (lactic-co-glycolicacid) nanoparticles by RSM and its immunological activity in vitro. *International Journal of Biological Macromolecules*, **2018**, 107, 222-229	7.9	25
55	Effects of Selenylation Modification on Antioxidative Activities of Schisandra chinensis Polysaccharide. *PLoS ONE*, **2015**, 10, e0134363	3.7	25
54	Mechanism of Lycium barbarum polysaccharides liposomes on activating murine dendritic cells. *Carbohydrate Polymers*, **2019**, 205, 540-549	10.3	25
53	Cationic polymer modified PLGA nanoparticles encapsulating Alhagi honey polysaccharides as a vaccine delivery system for ovalbumin to improve immune responses. *International Journal of Nanomedicine*, **2019**, 14, 3221-3234	7.3	24
52	Preparation and characterization of Chinese yam polysaccharide PLGA nanoparticles and their immunological activity. *International Journal of Pharmaceutics*, **2016**, 511, 140-150	6.5	24
51	Effects of selenylation modification on immune-enhancing activity of garlic polysaccharide. *PLoS ONE*, **2014**, 9, e86377	3.7	24
50	Development of liposomal Ganoderma lucidum polysaccharide: formulation optimization and evaluation of its immunological activity. *Carbohydrate Polymers*, **2015**, 117, 510-517	10.3	22
49	The Selenylation Modification of Epimedium Polysaccharide and Isatis Root Polysaccharide and the Immune-enhancing Activity Comparison of Their Modifiers. *Biological Trace Element Research*, **2016**, 171, 224-34	4.5	18
48	Effects of Chrysanthemum indicum polysaccharide and its phosphate on anti-duck hepatitis a virus and alleviating hepatic injury. *International Journal of Biological Macromolecules*, **2017**, 102, 813-821	7.9	17

47	Determine the structure of phosphorylated modification of icariin and its antiviral activity against duck hepatitis virus A. *BMC Veterinary Research*, **2015**, 11, 205	2.7	17
46	Bush Sophora Root polysaccharide and its sulfate can scavenge free radicals resulted from duck virus hepatitis. *International Journal of Biological Macromolecules*, **2014**, 66, 186-93	7.9	17
45	Exploring the immunopotentiation of Chinese yam polysaccharide poly(lactic-co-glycolic acid) nanoparticles in an ovalbumin vaccine formulation in vivo. *Drug Delivery*, **2017**, 24, 1099-1111	7	17
44	polysaccharide liposome as a novel strategy for stimulating an efficient immune response and their effects on dendritic cells. *International Journal of Nanomedicine*, **2016**, 11, 6795-6808	7.3	16
43	Macrophage immunomodulatory activity of the cationic polymer modified PLGA nanoparticles encapsulating Alhagi honey polysaccharide. *International Journal of Biological Macromolecules*, **2019**, 134, 730-739	7.9	15
42	Optimization of preparation conditions for CTAB-modified Polygonatum sibiricum polysaccharide cubosomes using the response surface methodology and their effects on splenic lymphocytes. *International Journal of Pharmaceutics*, **2019**, 559, 410-419	6.5	15
41	Sulfated glucan can improve the immune efficacy of Newcastle disease vaccine in chicken. *International Journal of Biological Macromolecules*, **2014**, 70, 193-8	7.9	15
40	The enhanced immune response of PCV-2 vaccine using Rehmannia glutinosa polysaccharide liposome as an adjuvant. *International Journal of Biological Macromolecules*, **2016**, 86, 929-36	7.9	15
39	Effects of epimedium polysaccharide-propolis flavone oral liquid on mucosal immunity in chickens. *International Journal of Biological Macromolecules*, **2014**, 64, 6-10	7.9	14
38	Development of an RT-PCR for rabbit hemorrhagic disease virus (RHDV) and the epidemiology of RHDV in three eastern provinces of China. *Journal of Virological Methods*, **2008**, 151, 24-9	2.6	14
37	pH-responsive Astragalus polysaccharides-loaded poly(lactic-co-glycolic acid) nanoparticles and their in vitro immunogenicity. *International Journal of Biological Macromolecules*, **2019**, 125, 865-875	7.9	13
36	Adjuvant activities of CTAB-modified Polygonatum sibiricum polysaccharide cubosomes on immune responses to ovalbumin in mice. *International Journal of Biological Macromolecules*, **2020**, 148, 793-801	7.9	12
35	Replication cycle of duck hepatitis A virus type 1 in duck embryonic hepatocytes. *Virology*, **2016**, 491, 73-8	3.6	12
34	The immunological enhancement activity of propolis flavonoids liposome in vitro and in vivo. *Evidence-based Complementary and Alternative Medicine*, **2014**, 2014, 483513	2.3	12
33	Evaluation of optimum conditions for pachyman encapsulated in poly(d,l-lactic acid) nanospheres by response surface methodology and results of a related in vitro study. *International Journal of Nanomedicine*, **2016**, 11, 4891-4904	7.3	12
32	Polyethylenimine-coated PLGA nanoparticles-encapsulated Angelica sinensis polysaccharide as an adjuvant for H9N2 vaccine to improve immune responses in chickens compared to Alum and oil-based adjuvants. *Veterinary Microbiology*, **2020**, 251, 108894	3.3	11
31	Lentinan-Functionalized Graphene Oxide Is an Effective Antigen Delivery System That Modulates Innate Immunity and Improves Adaptive Immunity. *ACS Applied Materials & Interfaces*, **2020**, 12, 39014-39023	9.5	11
30	Anti-DHAV-1 reproduction and immuno-regulatory effects of a flavonoid prescription on duck virus hepatitis. *Pharmaceutical Biology*, **2017**, 55, 1545-1552	3.8	10

29	Effects of Bush Sophora Root polysaccharide and its sulfate on immuno-enhancing of the therapeutic DVH. *International Journal of Biological Macromolecules*, **2015**, 80, 217-24	7.9	10
28	Phosphorylation of Icariin Can Alleviate the Oxidative Stress Caused by the Duck Hepatitis Virus A through Mitogen-Activated Protein Kinases Signaling Pathways. *Frontiers in Microbiology*, **2017**, 8, 1850	5.7	10
27	Triterpenoid saponins from Ziziphus jujuba var. spinosa. *Chemistry of Natural Compounds*, **2013**, 49, 677-681	0.7	10
26	Assessment of a Flavone-Polysaccharide Based Prescription for Treating Duck Virus Hepatitis. *PLoS ONE*, **2016**, 11, e0146046	3.7	9
25	PI3KC3-dependent autophagosomes formation pathway is of crucial importance to anti-DHAV activity of Chrysanthemum indicum polysaccharide. *Carbohydrate Polymers*, **2019**, 208, 22-31	10.3	9
24	Anti-duck virus hepatitis mechanisms of Bush Sophora Root polysaccharide and its sulfate verified by intervention experiments. *Virus Research*, **2015**, 204, 58-67	6.4	8
23	In vitro synergistic effect of baicalin with azithromycin against Staphylococcus saprophyticus isolated from francolins with ophthalmia. *Poultry Science*, **2019**, 98, 373-380	3.9	8
22	Immunopotentiation of Polysaccharides of Atractylodes macrocephala Koidz-loaded nanostructured lipid carriers as an adjuvant. *International Journal of Biological Macromolecules*, **2018**, 120, 768-774	7.9	7
21	Preparation of lentinan-calcium carbonate microspheres and their application as vaccine adjuvants. *Carbohydrate Polymers*, **2020**, 245, 116520	10.3	6
20	Assessment of the Effect of Baicalin on Duck Virus Hepatitis. *Current Molecular Medicine*, **2019**, 19, 376-386	2.5	6
19	Ramulus mori polysaccharide-loaded PLGA nanoparticles and their anti-inflammatory effects in vivo. *International Journal of Biological Macromolecules*, **2021**, 182, 2024-2036	7.9	6
18	Maturation of dendritic cells in vitro and immunological enhancement of mice in vivo by pachyman- and/or OVA-encapsulated poly(d,l-lactic acid) nanospheres. *International Journal of Nanomedicine*, **2018**, 13, 569-583	7.3	5
17	Adjuvanticity of Ganoderma lucidum polysaccharide liposomes on porcine circovirus type-II in mice. *International Journal of Biological Macromolecules*, **2019**, 141, 1158-1164	7.9	4
16	C-Glucosyl Flavones from Ziziphus jujuba var. spinosa. *Chemistry of Natural Compounds*, **2015**, 51, 247-251	0.7	4
15	Solomonseal polysaccharide and sulfated Codonopsis pilosula polysaccharide synergistically resist Newcastle disease virus. *PLoS ONE*, **2015**, 10, e0117916	3.7	4
14	Optimization on Preparation Conditions of Salidroside Liposome and Its Immunological Activity on PCV-2 in Mice. *Evidence-based Complementary and Alternative Medicine*, **2015**, 2015, 178128	2.3	4
13	The Immunoenhancement Effects of Polyethylenimine-Modified Chinese Yam Polysaccharide-Encapsulated PLGA Nanoparticles as an Adjuvant. *International Journal of Nanomedicine*, **2020**, 15, 5527-5543	7.3	4
12	Assessment of the hepatocyte protective effects of gypenoside and its phosphorylated derivative against DHAV-1 infection on duck embryonic hepatocytes. *BMC Veterinary Research*, **2019**, 15, 134	2.7	3

11	Selenylation Modification of Atractylodes macrocephala Polysaccharide and Evaluation of Antioxidant Activity. *Advances in Polymer Technology*, **2019**, 2019, 1-8	1.9	3
10	Chemical Constituents of the Bark of Ilex urceolatus. *Chemistry of Natural Compounds*, **2015**, 51, 882-885	0.7	3
9	Surface-Engineered Cubosomes Serve as a Novel Vaccine Adjuvant to Modulate Innate Immunity and Improve Adaptive Immunity in vivo. *International Journal of Nanomedicine*, **2020**, 15, 8595-8608	7.3	3
8	RAW REHMANNIA RADIX POLYSACCHARIDE CAN EFFECTIVELY RELEASE PEROXIDATIVE INJURY INDUCED BY DUCK HEPATITIS A VIRUS. *Tropical Journal of Obstetrics and Gynaecology*, **2017**, 14, 8-21	0.3	3
7	A flavone-polysaccharide based prescription attenuates the mitochondrial dysfunction induced by duck hepatitis A virus type 1. *PLoS ONE*, **2017**, 12, e0175495	3.7	3
6	A Novel Nanomedicine Ameliorates Acute Inflammatory Bowel Disease by Regulating Macrophages and T-Cells. *Molecular Pharmaceutics*, **2021**, 18, 3484-3495	5.6	2
5	Administration Routes of Polyethylenimine-Coated PLGA Nanoparticles Encapsulating Angelica Sinensis Polysaccharide Vaccine Delivery System Affect Immune Responses. *Molecular Pharmaceutics*, **2021**, 18, 2274-2284	5.6	1
4	Immunoenhancement effects of chitosan-modified ginseng stem-leaf saponins-encapsulated cubosomes as an ajuvant. *Colloids and Surfaces B: Biointerfaces*, **2021**, 204, 111799	6	1
3	Evaluation of the Therapeutic Effect of a Flavonoid Prescription against Rabbit Hemorrhagic Disease. *BioMed Research International*, **2019**, 2019, 5201790	3	0
2	Icariin and its phosphorylated derivatives reduce duck hepatitis A virus serotype 1-induced oxidative stress and inflammatory damage in duck embryonic hepatocytes through mitochondrial regulation. *Research in Veterinary Science*, **2021**, 139, 133-139	2.5	0
1	Iriflophenone Glycosides from Aquilaria sinensis. *Chemistry of Natural Compounds*, **2016**, 52, 834-837	0.7	