

Le Jia

List of Publications by Year in descending order

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83
papers

2,460
citations

172386
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all docs

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docs citations

83
times ranked

2072
citing authors

#	ARTICLE	IF	CITATIONS
1	Antihyperlipidemic and hepatoprotective activities of residue polysaccharide from <i>Cordyceps militaris</i> SU-12. <i>Carbohydrate Polymers</i> , 2015, 131, 355-362.	5.1	103
2	Extraction and antioxidant activities of intracellular polysaccharide from <i>Pleurotus</i> sp. mycelium. <i>International Journal of Biological Macromolecules</i> , 2010, 47, 116-119.	3.6	80
3	Antioxidative and renoprotective effects of residue polysaccharides from <i>Flammulina velutipes</i> . <i>Carbohydrate Polymers</i> , 2016, 146, 388-395.	5.1	78
4	The antihyperlipidemic activities of enzymatic and acidic intracellular polysaccharides by <i>Termitomyces albuminosus</i> . <i>Carbohydrate Polymers</i> , 2016, 151, 1227-1234.	5.1	71
5	Antioxidant and hepatoprotective activities of intracellular polysaccharide from <i>Pleurotus eryngii</i> SI-04. <i>International Journal of Biological Macromolecules</i> , 2016, 91, 568-577.	3.6	63
6	Purification, characterization and hepatoprotective activities of mycelia zinc polysaccharides by <i>Pleurotus djamor</i> . <i>Carbohydrate Polymers</i> , 2016, 136, 588-597.	5.1	62
7	Antioxidant, antibacterial and anti-aging activities of intracellular zinc polysaccharides from <i>Grifola frondosa</i> SH-05. <i>International Journal of Biological Macromolecules</i> , 2017, 95, 778-787.	3.6	62
8	Characterization, antioxidation, anti-inflammation and renoprotection effects of selenized mycelia polysaccharides from <i>Oudemansiella radicata</i> . <i>Carbohydrate Polymers</i> , 2018, 181, 1224-1234.	5.1	58
9	Antihyperlipidemic and hepatoprotective activities of mycelia zinc polysaccharide from <i>Pholiota nameko</i> SW-02. <i>International Journal of Biological Macromolecules</i> , 2014, 70, 523-529.	3.6	56
10	Antioxidant and hepatoprotective effects of intracellular mycelium polysaccharides from <i>Pleurotus geesteranus</i> against alcoholic liver diseases. <i>International Journal of Biological Macromolecules</i> , 2018, 114, 979-988.	3.6	55
11	Extraction, characterization and antioxidant activity of polysaccharides of spent mushroom compost of <i>Ganoderma lucidum</i> . <i>International Journal of Biological Macromolecules</i> , 2016, 82, 432-439.	3.6	52
12	Antioxidant and anti-hyperlipidemic effects of mycelia zinc polysaccharides by <i>Pleurotus eryngii</i> var. <i>tuoliensis</i> . <i>International Journal of Biological Macromolecules</i> , 2017, 95, 204-214.	3.6	51
13	Enzymatic and acidic degradation effect on intracellular polysaccharide of <i>Flammulina velutipes</i> SF-08. <i>International Journal of Biological Macromolecules</i> , 2015, 73, 236-244.	3.6	50
14	Characterization, Antioxidant, Anti-Aging and Organ Protective Effects of Sulfated Polysaccharides from <i>Flammulina velutipes</i> . <i>Molecules</i> , 2019, 24, 3517.	1.7	50
15	Hepatoprotection of enzymatic-extractable mycelia zinc polysaccharides by <i>Pleurotus eryngii</i> var. <i>tuoliensis</i> . <i>Carbohydrate Polymers</i> , 2017, 157, 196-206.	5.1	49
16	Antioxidation, anti-hyperglycaemia and renoprotective effects of extracellular polysaccharides from <i>Pleurotus eryngii</i> SI-04. <i>International Journal of Biological Macromolecules</i> , 2018, 111, 219-228.	3.6	49
17	Purification and antioxidant activities of intracellular zinc polysaccharides from <i>Pleurotus cornucopiae</i> SS-03. <i>Carbohydrate Polymers</i> , 2014, 111, 947-954.	5.1	45
18	Toxicology and immunology of <i>Ganoderma lucidum</i> polysaccharides in Kunming mice and Wistar rats. <i>International Journal of Biological Macromolecules</i> , 2016, 85, 302-310.	3.6	44

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19	The antioxidative effects of acidic-, alkalic-, and enzymatic-extractable mycelium zinc polysaccharides by <i>Pleurotus djamor</i> on liver and kidney of streptozocin-induced diabetic mice. <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 440.	3.7	43
20	Anti-hyperlipidemic and antioxidant effects of alkali-extractable mycelia polysaccharides by <i>Pleurotus eryngii</i> var. <i>tuolensis</i> . <i>Carbohydrate Polymers</i> , 2017, 175, 282-292.	5.1	43
21	Antioxidant and anti-aging effects of acidic-extractable polysaccharides by <i>Agaricus bisporus</i> . <i>International Journal of Biological Macromolecules</i> , 2018, 106, 1297-1306.	3.6	41
22	Antioxidative, anti-inflammation and lung-protective effects of mycelia selenium polysaccharides from <i>Oudemansiella radicata</i> . <i>International Journal of Biological Macromolecules</i> , 2017, 104, 1158-1164.	3.6	40
23	Purification, in vitro antioxidant and in vivo anti-aging activities of soluble polysaccharides by enzyme-assisted extraction from <i>Agaricus bisporus</i> . <i>International Journal of Biological Macromolecules</i> , 2018, 109, 457-466.	3.6	39
24	Antioxidant, anti-inflammatory and renoprotective effects of acidic-hydrolytic polysaccharides by spent mushroom compost (<i>Lentinula edodes</i>) on LPS-induced kidney injury. <i>International Journal of Biological Macromolecules</i> , 2020, 151, 1267-1276.	3.6	38
25	Characterization and anti-diabetic nephropathic ability of mycelium polysaccharides from <i>Coprinus comatus</i> . <i>Carbohydrate Polymers</i> , 2021, 251, 117081.	5.1	36
26	Characterization, antioxidant and antiinflammation of mycelia selenium polysaccharides from <i>Hypsizygus marmoreus</i> SK-03. <i>Carbohydrate Polymers</i> , 2018, 201, 566-574.	5.1	35
27	Antioxidant, anti-hyperlipidemia and hepatic protection of enzyme-assisted <i>Morehella esculenta</i> polysaccharide. <i>International Journal of Biological Macromolecules</i> , 2018, 120, 1490-1499.	3.6	34
28	Antioxidant and anti-inflammation of enzymatic-hydrolysis residue polysaccharides by <i>Lentinula edodes</i> . <i>International Journal of Biological Macromolecules</i> , 2018, 120, 811-822.	3.6	34
29	Antioxidation, anti-inflammation and anti-fibrosis effect of phosphorylated polysaccharides from <i>Pleurotus djamor</i> mycelia on adenine-induced chronic renal failure mice. <i>International Journal of Biological Macromolecules</i> , 2021, 170, 652-663.	3.6	34
30	Purification, in vitro antioxidant and in vivo anti-aging activities of exopolysaccharides by <i>Agrocybe cylindracea</i> . <i>International Journal of Biological Macromolecules</i> , 2017, 102, 351-357.	3.6	33
31	The antioxidative and anti-aging effects of acidic- and alkalic-extractable mycelium polysaccharides by <i>Agrocybe aegerita</i> (Brig.) Sing. <i>International Journal of Biological Macromolecules</i> , 2018, 106, 1270-1278.	3.6	32
32	Optimization of Mycelia Selenium Polysaccharide Extraction from <i>Agrocybe cylindracea</i> SL-02 and Assessment of their Antioxidant and Anti-Ageing Activities. <i>PLoS ONE</i> , 2016, 11, e0160799.	1.1	32
33	Antihyperlipidaemic and hepatoprotective activities of acidic and enzymatic hydrolysis exopolysaccharides from <i>Pleurotus eryngii</i> SI-04. <i>BMC Complementary and Alternative Medicine</i> , 2017, 17, 403.	3.7	30
34	Antioxidant and Hypoglycemic Effects of Acidic-Extractable Polysaccharides from <i>Cordyceps militaris</i> on Type 2 Diabetes Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-15.	1.9	30
35	Antioxidative and hepatoprotective effects of enzymatic and acidic-hydrolysis of <i>Pleurotus geesteranus</i> mycelium polysaccharides on alcoholic liver diseases. <i>Carbohydrate Polymers</i> , 2018, 201, 75-86.	5.1	30
36	Antioxidant and hepatoprotective activities of modified polysaccharides from <i>Coprinus comatus</i> in mice with alcohol-induced liver injury. <i>International Journal of Biological Macromolecules</i> , 2019, 127, 476-485.	3.6	30

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37	Antioxidant and anti-ageing activities of mycelia zinc polysaccharide from <i>Pholiota nameko</i> SW-03. <i>Journal of the Science of Food and Agriculture</i> , 2015, 95, 3117-3126.	1.7	29
38	Purification, characterization and anti-aging capacity of mycelia zinc polysaccharide by <i>Lentinus edodes</i> SD-08. <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 111.	3.7	28
39	Antioxidant and Hepatoprotective Activities of Mycelia Selenium Polysaccharide by <i>Hypsizigus marmoreus</i> SK-02. <i>Biological Trace Element Research</i> , 2016, 172, 437-448.	1.9	28
40	Hepatoprotective effects of <i>Auricularia cornea</i> var. <i>Li.</i> polysaccharides against the alcoholic liver diseases through different metabolic pathways. <i>Scientific Reports</i> , 2018, 8, 7574.	1.6	28
41	Antioxidant and hepatoprotective activities of residue polysaccharides by <i>Pleurotus citrinipileatus</i> . <i>International Journal of Biological Macromolecules</i> , 2019, 131, 315-322.	3.6	27
42	Characterization and anti-hyperlipidemia effects of enzymatic residue polysaccharides from <i>Pleurotus ostreatus</i> . <i>International Journal of Biological Macromolecules</i> , 2019, 129, 316-325.	3.6	25
43	Antioxidation, hepatic- and renal-protection of water-extractable polysaccharides by <i>Dictyophora indusiata</i> on obese mice. <i>International Journal of Biological Macromolecules</i> , 2019, 134, 290-301.	3.6	25
44	Protective effects on liver, kidney and pancreas of enzymatic- and acidic-hydrolysis of polysaccharides by spent mushroom compost (<i>Hypsizigus marmoreus</i>). <i>Scientific Reports</i> , 2017, 7, 43212.	1.6	24
45	Hepatoprotective and in vitro antioxidant effects of native depolymerised-exopolysaccharides derived from <i>Termitomyces albuminosus</i> . <i>Scientific Reports</i> , 2017, 7, 3910.	1.6	24
46	The ameliorations of <i>Ganoderma applanatum</i> residue polysaccharides against CCl ₄ induced liver injury. <i>International Journal of Biological Macromolecules</i> , 2019, 137, 1130-1140.	3.6	24
47	Antihyperglycaemic and organic protective effects on pancreas, liver and kidney by polysaccharides from <i>Hericium erinaceus</i> SG-02 in streptozotocin-induced diabetic mice. <i>Scientific Reports</i> , 2017, 7, 10847.	1.6	22
48	The antioxidant activities of alkaline-extractable polysaccharides from <i>Coprinus comatus</i> on alcohol-induced liver injury in mice. <i>Scientific Reports</i> , 2018, 8, 11695.	1.6	22
49	Antioxidant Activity and Protective Effects of Enzyme-Extracted <i>Oudemansiella radiata</i> Polysaccharides on Alcohol-Induced Liver Injury. <i>Molecules</i> , 2018, 23, 481.	1.7	22
50	Anti-hyperlipidemic, antioxidant and organic protection effects of acidic-extractable polysaccharides from <i>Dictyophora indusiata</i> . <i>International Journal of Biological Macromolecules</i> , 2019, 129, 281-292.	3.6	22
51	A polysaccharide of PFP-1 from <i>Pleurotus geesteranus</i> attenuates alcoholic liver diseases via Nrf2 and NF- κ B signaling pathways. <i>Food and Function</i> , 2021, 12, 4591-4605.	2.1	22
52	Processing optimization and anti-oxidative activity of enzymatic extractable polysaccharides from <i>Pleurotus djamor</i> . <i>International Journal of Biological Macromolecules</i> , 2017, 98, 469-478.	3.6	21
53	Antioxidant and Hepatoprotective Activities of Polysaccharides from Spent Mushroom Substrates (<i>Laetiporus sulphureus</i>) in Acute Alcohol-Induced Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-12.	1.9	21
54	The regulation of inflammation and oxidative status against lung injury of residue polysaccharides by <i>Lentinula edodes</i> . <i>International Journal of Biological Macromolecules</i> , 2018, 106, 185-192.	3.6	21

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55	Mycelium Polysaccharides from <i>Termitomyces albuminosus</i> Attenuate CCl ₄ -Induced Chronic Liver Injury Via Inhibiting TGF β 1/Smad3 and NF- κ B Signal Pathways. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4872.	1.8	21
56	The characteristics and antioxidation of <i>Oudemansiella radicata</i> selenium polysaccharides on lipopolysaccharide-induced endo-toxicemic mice. <i>International Journal of Biological Macromolecules</i> , 2018, 116, 753-764.	3.6	20
57	Anti-inflammatory and hepatoprotective effects of exopolysaccharides isolated from <i>Pleurotus geesteranus</i> on alcohol-induced liver injury. <i>Scientific Reports</i> , 2018, 8, 10493.	1.6	20
58	Glucopyranose from <i>Pleurotus geesteranus</i> prevent alcoholic liver diseases by regulating Nrf2/HO-1-TLR4/NF- κ B signalling pathways and gut microbiota. <i>Food and Function</i> , 2022, 13, 2441-2455.	2.1	20
59	The Antioxidant and Anti-Aging Effects of Acetylated Mycelia Polysaccharides from <i>Pleurotus djamor</i> . <i>Molecules</i> , 2019, 24, 2698.	1.7	19
60	Purification, characterization, antioxidant activity and anti-aging of exopolysaccharides by <i>Flammulina velutipes</i> SF-06. <i>Antonie Van Leeuwenhoek</i> , 2015, 107, 73-82.	0.7	18
61	The Antioxidative, Antiaging, and Hepatoprotective Effects of Alkali-Extractable Polysaccharides by <i>Agaricus bisporus</i> . <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-12.	0.5	15
62	<i>Stropharia rugoso-annulata</i> acetylated polysaccharides alleviate NAFLD via Nrf2/JNK1/AMPK signaling pathways. <i>International Journal of Biological Macromolecules</i> , 2022, 215, 560-570.	3.6	14
63	Protective Effects of Extracellular and Intracellular Polysaccharides on Hepatotoxicity by <i>Hericium erinaceus</i> SG-02. <i>Current Microbiology</i> , 2016, 73, 379-385.	1.0	13
64	Acetylated Polysaccharides From <i>Pleurotus geesteranus</i> Alleviate Lung Injury Via Regulating NF- κ B Signal Pathway. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2810.	1.8	13
65	Antihyperlipidemic and hepatoprotective properties of alkali- and enzyme-extractable polysaccharides by <i>Dictyophora indusiata</i> . <i>Scientific Reports</i> , 2019, 9, 14266.	1.6	12
66	Antioxidation, anti-hyperlipidaemia and hepatoprotection of polysaccharides from <i>Auricularia auricular</i> residue. <i>Chemico-Biological Interactions</i> , 2021, 333, 109323.	1.7	12
67	Renoprotective effects of enzyme-hydrolyzed polysaccharides from <i>Auricularia polytricha</i> on adenine-induced chronic kidney diseases in mice. <i>Biomedicine and Pharmacotherapy</i> , 2021, 135, 111004.	2.5	12
68	The characteristic, antioxidative and multiple organ protective of acidic-extractable mycelium polysaccharides by <i>Pleurotus eryngii</i> var. <i>tuoliensis</i> on high-fat emulsion induced-hypertriglyceridemic mice. <i>Scientific Reports</i> , 2018, 8, 17500.	1.6	11
69	Antioxidant and Hepatoprotective Effects of Acidic-Hydrolysis Residue Polysaccharides from Shiitake Culinary-Medicinal Mushroom <i>Lentinus edodes</i> (<i>Agaricomycetes</i>) in Mice. <i>International Journal of Medicinal Mushrooms</i> , 2021, 23, 85-96.	0.9	11
70	Polysaccharides with Antioxidative and Antiaging Activities from Enzymatic-Extractable Mycelium by <i>Agrocybe aegerita</i> (Brig.) Sing. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-11.	0.5	10
71	Inhibition effects of polysaccharides on HBV replication and cell proliferation from <i>Lentinus edodes</i> waste material. <i>Microbial Pathogenesis</i> , 2018, 123, 461-466.	1.3	10
72	Complete genome sequencing and clinical analysis of intrahepatic hepatitis B virus cccDNA from HCC. <i>Microbial Pathogenesis</i> , 2017, 109, 49-55.	1.3	7

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73	The characterization, renoprotection and antioxidation of enzymatic and acidic exopolysaccharides from <i>Hypsizigus marmoreus</i> . <i>Scientific Reports</i> , 2018, 8, 2048.	1.6	7
74	Characterization and Hepatoprotections of <i>Ganoderma lucidum</i> Polysaccharides against Multiple Organ Dysfunction Syndrome in Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-13.	1.9	7
75	In Vitro and In Vivo Antioxidant Effects of Polysaccharides from Nameko Medicinal Mushroom, <i>Pholiota nameko</i> SW-01 (Higher Basidiomycetes). <i>International Journal of Medicinal Mushrooms</i> , 2015, 17, 671-680.	0.9	7
76	Mycelium polysaccharides of <i>Macrolepiota procera</i> alleviate reproductive impairments induced by nonylphenol. <i>Food and Function</i> , 2022, 13, 5794-5806.	2.1	7
77	Antioxidant and Hypolipidemic Activities of Acid-Depolymerised Exopolysaccharides by <i>Termitomyces albuminosus</i> . <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-13.	1.9	6
78	<i>Agaricus blazei</i> Murill polysaccharides alleviate oxidative stress and inflammatory responses against liver and lung injury. <i>Food Bioscience</i> , 2022, 47, 101645.	2.0	5
79	Intracellular polysaccharide and its antioxidant activity by <i>Pleurotus citrinopileatus</i> SM-01. <i>Macromolecular Research</i> , 2013, 21, 660-668.	1.0	4
80	Purification, Characterization, Antioxidation, and Antiaging Properties of Exopolysaccharides and Endopolysaccharides of the Royal Sun Medicinal Mushroom, <i>Agaricus brasiliensis</i> (Agaricomycetes). <i>International Journal of Medicinal Mushrooms</i> , 2016, 18, 1071-1081.	0.9	4
81	Enzymatic-extractable polysaccharides from <i>Cordyceps militaris</i> alleviate carbon tetrachloride-induced liver injury via Nrf2/ROS/NF- κ B signaling pathway. <i>Journal of Functional Foods</i> , 2022, 95, 105152.	1.6	4
82	Characterization and Attenuation of Streptozotocin-Induced Diabetic Organ Damage by Polysaccharides from Spent Mushroom Substrate <i>(Pleurotus eryngii)</i> . <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-16.	1.9	3
83	PRODUCTION AND ANTIOXIDANT ACTIVITY OF INTRACELLULAR POLYSACCHARIDE BY <i>HYPsizIGUS MARMOREUS</i> SK-01. <i>BioResources</i> , 2012, 7, .	0.5	1