Antitumor Activity of Polysaccharides: An Overview

Current Drug Targets

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#	Article	IF	Citations
1	Antioxidant and antimicrobial activities of a purified polysaccharide from yerba mate (Ilex) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 742 Td (	3.6	73
2	Review of isolation, structural properties, chain conformation, and bioactivities of psyllium polysaccharides. International Journal of Biological Macromolecules, 2019, 139, 409-420.	3.6	61
3	Advances in Research on Immunoregulation of Macrophages by Plant Polysaccharides. Frontiers in Immunology, 2019, 10, 145.	2.2	269
4	Sarcodia suieae acetyl-xylogalactan regulate RAW 264.7 macrophage NF-kappa B activation and IL-1 beta cytokine production in macrophage polarization. Scientific Reports, 2019, 9, 19627.	1.6	20
5	Antioxidant activity of polysaccharides from different sources of ginseng. International Journal of Biological Macromolecules, 2019, 125, 906-908.	3.6	113
6	Natural killer cellâ€"mediated anticancer effects of an arabinogalactan derived from rice hull in CT26 colon cancerâ€"bearing mice. International Journal of Biological Macromolecules, 2019, 124, 368-376.	3.6	10
7	Functional characterization of a potent anti-tumor polysaccharide in a mouse model of gastric cancer. Life Sciences, 2019, 219, 11-19.	2.0	16
8	Chemical fingerprinting techniques for the differentiation of polysaccharides from genus Astragalus. Journal of Pharmaceutical and Biomedical Analysis, 2020, 178, 112898.	1.4	13
9	Effects of Achyranthes bidentata polysaccharides on performance, immunity, antioxidant capacity, and meat quality in Pekin ducks. Poultry Science, 2020, 99, 4884-4891.	1.5	21
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12	Optimized Extraction of Polysaccharides from Bergenia emeiensis Rhizome, Their Antioxidant Ability and Protection of Cells from Acrylamide-induced Cell Death. Plants, 2020, 9, 976.	1.6	5
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14	PRP1, a heteropolysaccharide from Platycodonis Radix, induced apoptosis of HepG2 cells via regulating miR-21-mediated PI3K/AKT pathway. International Journal of Biological Macromolecules, 2020, 158, 542-551.	3.6	11
15	Purification, characterization and immunomodulatory activity of polysaccharides from Leccinum crocipodium (Letellier.) Watliag. International Journal of Biological Macromolecules, 2020, 148, 647-656.	3.6	36
16	Biological activity of Brassica rapa L. polysaccharides on RAW264.7 macrophages and on tumor cells. Bioorganic and Medicinal Chemistry, 2020, 28, 115330.	1.4	19
17	Recent Advances in Chain Conformation and Bioactivities of Triple-Helix Polysaccharides. Biomacromolecules, 2020, 21, 1653-1677.	2.6	137
18	Anti-tumor activity and immunogenicity of a succinoglycan riclin. Carbohydrate Polymers, 2021, 255, 117370.	5.1	18

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19	Polysaccharides and immune function. , 2021, , 155-167.		0
20	Polysaccharides in Food. , 2021, , 1401-1430.		0
21	Review of the Efficacy and Mechanisms of Traditional Chinese Medicines as a Therapeutic Option for Ionizing Radiation Induced Damage. Frontiers in Pharmacology, 2021, 12, 617559.	1.6	5
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24	Extraction, structure, pharmacological activities and drug carrier applications of Angelica sinensis polysaccharide. International Journal of Biological Macromolecules, 2021, 183, 2337-2353.	3.6	83
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38	A Smart Hydrogel from Salvia spinosa Seeds: pH Responsiveness, On-off Switching, Sustained Drug Release, and Transit Detection. Current Drug Delivery, 2023, 20, 292-305.	0.8	8
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44	Extraction, purification, structural features and biological activities of longan fruit pulp (Longyan) polysaccharides: A review. Frontiers in Nutrition, 0, 9, .	1.6	6
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56	Bioactive constituents and potential health benefits of fermented seed products. , 2023, , 419-431.		0
57	Growth characteristics and metabonomics analysis of Lactobacillus rhamnosus GG in Ganoderma lucidum aqueous extract medium. Food Bioscience, 2023, 53, 102486.	2.0	0
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