

# Salidroside: A review of its recent advances in synthetic properties

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Utilizing Plant Synthetic Biology to Improve Human Health and Wellness. <i>Frontiers in Plant Science</i> , 2021, 12, 691462.	1.7	13
2	Thioredoxin-interacting protein (TXNIP) as a target for Alzheimer's disease: flavonoids and phenols. <i>Inflammopharmacology</i> , 2021, 29, 1317-1329.	1.9	22
3	Determination of Salidroside and Betaine by 1H NMR for Quality Control of Xinnaoxin Commercial Products. <i>Revista Brasileira De Farmacognosia</i> , 0, , 1.	0.6	1
4	Salidroside attenuates cardiac dysfunction in a rat model of diabetes. <i>Diabetic Medicine</i> , 2021, , e14683.	1.2	7
5	Highland mate: Edible and functional foods in traditional medicine for the prevention and treatment of hypoxia-related symptoms. <i>Current Opinion in Pharmacology</i> , 2021, 60, 306-314.	1.7	12
6	Infrared assisted extraction of bioactive compounds from plant materials: Current research and future prospect. <i>Food Chemistry</i> , 2022, 371, 131192.	4.2	15
7	Insight into the Protective Effect of Salidroside against H <sub>2</sub> O <sub>2</sub> -Induced Injury in H9C2 Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-10.	1.9	3
8	Salidroside Ameliorates Alzheimer's Disease by Targeting NLRP3 Inflammasome-Mediated Pyroptosis. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 809433.	1.7	35
9	Salidroside Promotes Sensitization to Doxorubicin in Human Cancer Cells by Affecting the PI3K/Akt/HIF Signal Pathway and Inhibiting the Expression of Tumor-Resistance-Related Proteins. <i>Journal of Natural Products</i> , 2022, 85, 196-204.	1.5	9
10	Salidroside Ameliorates Cardiomyocyte Hypertrophy by Upregulating Peroxisome Proliferator-Activated Receptor- $\alpha$ . <i>Frontiers in Pharmacology</i> , 2022, 13, 865434.	1.6	0
11	Rational chromosome engineering of <i>Escherichia coli</i> for overproduction of salidroside. <i>Biochemical Engineering Journal</i> , 2022, 184, 108474.	1.8	5
12	Salidroside attenuates neuronal ferroptosis by activating the Nrf2/HO1 signaling pathway in A $\beta$ 1-42-induced Alzheimer's disease mice and glutamate-injured HT22 cells. <i>Chinese Medicine</i> , 2022, 17, .	1.6	39
13	Enzymatic Biosynthesis of Simple Phenolic Glycosides as Potential Anti-Melanogenic Antioxidants. <i>Antioxidants</i> , 2022, 11, 1396.	2.2	2
14	Natural Phenylethanoid Supplementation Alleviates Metabolic Syndrome in Female Mice Induced by High-Fructose Diet. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	0
15	Salidroside Regulates Mitochondrial Homeostasis After Polarization of RAW264.7 Macrophages. <i>Journal of Cardiovascular Pharmacology</i> , 2023, 81, 85-92.	0.8	2
16	Salidroside alleviates hepatic ischemia-reperfusion injury during liver transplant in rat through regulating TLR-4/NF- $\kappa$ B/NLRP3 inflammatory pathway. <i>Scientific Reports</i> , 2022, 12, .	1.6	5
17	Erythropoietin mediates re-programming of endotoxin-tolerant macrophages through PI3K/AKT signaling and protects mice against secondary infection. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	2
18	Bioactive immunostimulants as health-promoting feed additives in aquaculture: A review. <i>Fish and Shellfish Immunology</i> , 2022, 130, 294-308.	1.6	33

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19	Therapeutics That Can Potentially Replicate or Augment the Anti-Aging Effects of Physical Exercise. <i>International Journal of Molecular Sciences</i> , 2022, 23, 9957.	1.8	4
20	Ligustri Lucidi Fructus, a traditional Chinese Medicine: Comprehensive review of botany, traditional uses, chemical composition, pharmacology, and toxicity. <i>Journal of Ethnopharmacology</i> , 2023, 301, 115789.	2.0	12
21	Salidroside in the Treatment of NAFLD/NASH. <i>Chemistry and Biodiversity</i> , 2022, 19, .	1.0	6
22	Salidroside Improves Antibiotic-Induced Gut Microbiota Disturbance and Low Levels of Short-Chain Fatty Acids in Mice. <i>Foods</i> , 2022, 11, 3073.	1.9	3
23	Phytochemical profile, in vitro bioaccessibility, and anticancer potential of golden root (Rhodiola) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	4.2	4
24	Natural compounds targeting glycolysis as promising therapeutics for gastric cancer: A review. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	6
25	Salidroside alleviates ulcerative colitis via inhibiting macrophage pyroptosis and repairing the dysbacteriosis-associated Th17/Treg imbalance. <i>Phytotherapy Research</i> , 2023, 37, 367-382.	2.8	6
26	Mechanism of salidroside in the treatment of chronic myeloid leukemia based on the network pharmacology and molecular docking. <i>Clinical and Translational Oncology</i> , 2023, 25, 384-395.	1.2	1
27	Phytochemicals: A potential therapeutic intervention for the prevention and treatment of cachexia. <i>Clinical Nutrition</i> , 2022, 41, 2843-2857.	2.3	7
28	Similarities and differences between Ziqin and Kuqin in anti-inflammatory, analgesic, and antioxidant activities and their core chemical composition based on the zebrafish model and spectrum-effect relationship. <i>Journal of Ethnopharmacology</i> , 2023, 304, 116049.	2.0	2
29	A facile and efficient synthesis approach of salidroside esters by whole-cell biocatalysts in organic solvents. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	2.0	0
30	<i>Sophora alopecuroides</i> Alleviates Neuroinflammation and Oxidative Damage of Parkinson's Disease <i>In Vitro</i> and <i>In Vivo</i> . <i>The American Journal of Chinese Medicine</i> , 2023, 51, 309-328.	1.5	2
32	Salidroside alleviates cognitive impairment by inhibiting ferroptosis via activation of the Nrf2/GPX4 axis in SAMP8 mice. <i>Phytomedicine</i> , 2023, 114, 154762.	2.3	16
33	Salidroside ameliorates severe acute pancreatitis-induced cell injury and pyroptosis by inactivating Akt/NF- $\kappa$ B and caspase-3/GSDME pathways. <i>Heliyon</i> , 2023, 9, e13225.	1.4	3
34	Phytochemical profile and anti-inflammatory activity of a commercially available <i>Rhodiola rosea</i> root extract. <i>FÄ-toterapÄ-Ät</i> , 2023, 166, 105439.	1.1	3
35	The mechanism of microglia-mediated immune inflammation in ischemic stroke and the role of natural botanical components in regulating microglia: A review. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	20
36	Advances in traditional Chinese medicine for the treatment of chronic obstructive pulmonary disease. <i>Journal of Ethnopharmacology</i> , 2023, 307, 116229.	2.0	8
37	HExpPredict: <i>In Vivo</i> Exposure Prediction of Human Blood Exposome Using a Random Forest Model and Its Application in Chemical Risk Prioritization. <i>Environmental Health Perspectives</i> , 2023, 131, .	2.8	6

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38	Reshaped Gut Microbial Composition and Functions Associated with the Antifatigue Effect of Solidoside in Exercise Mice. <i>Molecular Nutrition and Food Research</i> , 2023, 67, .	1.5	4