

Therapeutic potential of resveratrol: the in vivo evidence

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Resveratrol inhibits firefly luciferase. <i>Biochemical and Biophysical Research Communications</i> , 2006, 351, 481-484.	1.0	61
2	Resveratrol Improves Mitochondrial Function and Protects against Metabolic Disease by Activating SIRT1 and PGC-1 α . <i>Cell</i> , 2006, 127, 1109-1122.	13.5	3,603
3	Grapes versus gluttony. <i>Nature</i> , 2006, 444, 280-281.	13.7	42
4	Resveratrol improves health and survival of mice on a high-calorie diet. <i>Nature</i> , 2006, 444, 337-342.	13.7	3,882
5	Inhibition of the Activity of Human Lymphocyte Kv1.3 Potassium Channels by Resveratrol. <i>Journal of Membrane Biology</i> , 2006, 214, 123-129.	1.0	21
6	SIRT1: Linking Adaptive Cellular Responses to Aging-Associated Changes in Organismal Physiology. <i>Physiology</i> , 2006, 21, 404-410.	1.6	78
7	Resveratrol induces cell death in colorectal cancer cells by a novel pathway involving lysosomal cathepsin D. <i>Carcinogenesis</i> , 2006, 28, 922-931.	1.3	109
8	Pterostilbene, an Active Constituent of Blueberries, Suppresses Aberrant Crypt Foci Formation in the Azoxymethane-Induced Colon Carcinogenesis Model in Rats. <i>Clinical Cancer Research</i> , 2007, 13, 350-355.	3.2	133
9	HPLC-Tandem Mass Spectrometric Method to Characterize Resveratrol Metabolism in Humans. <i>Clinical Chemistry</i> , 2007, 53, 292-299.	1.5	92
10	The Small Polyphenolic Molecule Kaempferol Increases Cellular Energy Expenditure and Thyroid Hormone Activation. <i>Diabetes</i> , 2007, 56, 767-776.	0.3	118
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20	Climate not cultivars in the NO-ing of red wines. <i>Journal of Hypertension</i> , 2007, 25, 501-503.	0.3	5
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2412	Sexual hormones regulate the redox status and mitochondrial function in the brain. Pathological implications. <i>Redox Biology</i> , 2020, 31, 101505.	3.9	33
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2416	Effects of resveratrol nanocapsules on the quantitative insulin sensitivity check index in insulin resistance: a study on metabolic syndrome induce mice. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	3
2417	Insights into the mechanism of inhibition of phospholipase A2 by resveratrol: An extensive molecular dynamics simulation and binding free energy calculation. <i>Journal of Molecular Graphics and Modelling</i> , 2020, 100, 107649.	1.3	10
2418	Genome-Protecting Compounds as Potential Geroprotectors. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4484.	1.8	20
2419	Investigating <i>E. coli</i> Coculture for Resveratrol Production with ¹³ C Metabolic Flux Analysis. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 3466-3473.	2.4	16
2420	Activating Sirt1 by resveratrol suppresses Nav1.7 expression in DRG through miR-182 and alleviates neuropathic pain in rats. <i>Channels</i> , 2020, 14, 69-78.	1.5	16
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2422	Anticancer Potential of Resveratrol, \hat{I}^2 -Lapachone and Their Analogues. <i>Molecules</i> , 2020, 25, 893.	1.7	42
2423	Efficacy of resveratrol encapsulated microsponges delivered by pectin based matrix tablets in rats with acetic acid-induced ulcerative colitis. <i>Drug Development and Industrial Pharmacy</i> , 2020, 46, 365-375.	0.9	14
2424	Developmental physiology. , 2020, , 199-277.		9
2425	Design, synthesis, and evaluation of N-phenyl-4-(2-phenylsulfonamido)-benzamides as microtubule-targeting agents in drug-resistant cancer cells, displaying HDAC inhibitory response. <i>European Journal of Medicinal Chemistry</i> , 2020, 192, 112158.	2.6	9
2426	SIRT1 and aging related signaling pathways. <i>Mechanisms of Ageing and Development</i> , 2020, 187, 111215.	2.2	304
2427	The WRKY53 transcription factor enhances stilbene synthesis and disease resistance by interacting with MYB14 and MYB15 in Chinese wild grape. <i>Journal of Experimental Botany</i> , 2020, 71, 3211-3226.	2.4	42
2428	Measuring Sulforaphane and Its Metabolites in Human Plasma: A High Throughput Method. <i>Molecules</i> , 2020, 25, 829.	1.7	20

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2430	Recent discoveries in dendritic cell tolerance-inducing pharmacological molecules. <i>International Immunopharmacology</i> , 2020, 81, 106275.	1.7	19
2431	Anti-Aging Effects of Calorie Restriction (CR) and CR Mimetics Based on the Senoinflammation Concept. <i>Nutrients</i> , 2020, 12, 422.	1.7	34
2432	A review on the potential of Resveratrol in prevention and therapy of diabetes and diabetic complications. <i>Biomedicine and Pharmacotherapy</i> , 2020, 125, 109767.	2.5	117
2433	Resveratrol and metabolic health in COPD: A proof-of-concept randomized controlled trial. <i>Clinical Nutrition</i> , 2020, 39, 2989-2997.	2.3	25
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2436	Nature-derived compounds modulating Wnt/ -catenin pathway: a preventive and therapeutic opportunity in neoplastic diseases. <i>Acta Pharmaceutica Sinica B</i> , 2020, 10, 1814-1834.	5.7	44
2437	Î±-Lactalbumin and chitosan core-shell nanoparticles: resveratrol loading, protection, and antioxidant activity. <i>Food and Function</i> , 2020, 11, 1525-1536.	2.1	42
2438	Nutraceuticals and Hypertensive Disorders in Pregnancy: The Available Clinical Evidence. <i>Nutrients</i> , 2020, 12, 378.	1.7	27
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2441	Resveratrol and its Related Polyphenols Contribute to the Maintenance of Genome Stability. <i>Scientific Reports</i> , 2020, 10, 5388.	1.6	24
2442	Metabolism and Pharmacokinetics of SP-8356, a Novel (1S)-(âˆ™)-Verbenone Derivative, in Rats and Dogs and Its Implications in Humans. <i>Molecules</i> , 2020, 25, 1775.	1.7	4
2443	Resveratrol Nanoparticles: A Promising Therapeutic Advancement over Native Resveratrol. <i>Processes</i> , 2020, 8, 458.	1.3	19
2444	Resveratrol Protects Against Hydroquinone-Induced Oxidative Threat in Retinal Pigment Epithelial Cells. , 2020, 61, 32.		14
2445	Antiviral activities of resveratrol against rotavirus in vitro and in vivo. <i>Phytomedicine</i> , 2020, 77, 153230.	2.3	34
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2447	Natural products remodel cancer-associated fibroblasts in desmoplastic tumors. <i>Acta Pharmaceutica Sinica B</i> , 2020, 10, 2140-2155.	5.7	32

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2449	Resveratrol affects <i>in vitro</i> rumen fermentation, methane production and prokaryotic community composition in a time- and diet-specific manner. <i>Microbial Biotechnology</i> , 2020, 13, 1118-1131.	2.0	25
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2451	Separating grape pomace before fermentation and restructuring the skin-to-seed ratio: A new scientific approach. <i>Journal of Food Processing and Preservation</i> , 2020, 44, e14486.	0.9	2
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2454	Effects of resveratrol in the signaling of neuropathic pain involving P2X3 in the dorsal root ganglion of rats. <i>Acta Neurologica Belgica</i> , 2021, 121, 365-372.	0.5	15
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2457	A dual-guide bioinspired drug delivery strategy of a macrophage-based carrier against postoperative triple-negative breast cancer recurrence. <i>Journal of Controlled Release</i> , 2021, 329, 191-204.	4.8	29
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2467	Ameliorating Effects of Natural Antioxidant Compounds on Female Infertility: a Review. <i>Reproductive Sciences</i> , 2021, 28, 1227-1256.	1.1	29
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2471	Cardiovascular Protection by Dietary Polyphenols. , 2021, , 625-635.		0
2472	Inhibitory Effect of Resveratrol on <i>Candida albicans</i> ; Biofilm Formation. <i>Bulletin of Tokyo Dental College</i> , The, 2021, 62, 1-6.	0.1	6
2473	TRPV1 is involved in the antinociceptive effects of resveratrol in paclitaxel-induced neuropathic pain. <i>International Journal of Transgender Health</i> , 2021, 14, 66-74.	1.1	8
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2481	New Highlights of Resveratrol: A Review of Properties against Ocular Diseases. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1295.	1.8	35
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2489	Resveratrol and organic selenium-rich fermented milk reduces <scp>d</scp>-galactose-induced cognitive dysfunction in mice. <i>Food and Function</i> , 2021, 12, 1318-1326.	2.1	18
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2492	Effects of resveratrol on the inflammatory response and renal injury in hyperuricemic rats. <i>Nutrition Research and Practice</i> , 2021, 15, 26.	0.7	11
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2494	Longevity pathways in stress resistance: targeting NAD and sirtuins to treat the pathophysiology of hemorrhagic shock. <i>GeroScience</i> , 2021, 43, 1217-1228.	2.1	3
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2497	Non-Cannabinoid Metabolites of Cannabis sativa L. with Therapeutic Potential. <i>Plants</i> , 2021, 10, 400.	1.6	48
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2499	Therapeutic Potential of Resveratrol in COVID-19-Associated Hemostatic Disorders. <i>Molecules</i> , 2021, 26, 856.	1.7	49
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2503	Sodium rutin extends lifespan and health span in mice including positive impacts on liver health. <i>British Journal of Pharmacology</i> , 2022, 179, 1825-1838.	2.7	17
2504	Biosynthesis of resveratrol using metabolically engineered <i>Escherichia coli</i> . <i>Applied Biological Chemistry</i> , 2021, 64, .	0.7	12
2505	Methylated Metabolites of Chicoric Acid Ameliorate Hydrogen Peroxide (H ₂ O ₂)-Induced Oxidative Stress in HepG2 Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 2179-2189.	2.4	10
2506	Radioprotective Potential of Nutraceuticals and their Underlying Mechanism of Action. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2021, 21, .	0.9	1
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2508	Resveratrol and cardiac fibrosis prevention and treatment. <i>Current Pharmaceutical Biotechnology</i> , 2021, 22, .	0.9	12
2509	Resveratrol and Its Analogs as Functional Foods in Periodontal Disease Management. <i>Frontiers in Dental Medicine</i> , 2021, 2, .	0.5	4
2510	The Effects of Resveratrol on Prostate Cancer through Targeting the Tumor Microenvironment. <i>Journal of Xenobiotics</i> , 2021, 11, 16-32.	2.9	10
2511	SIRT1 and gynecological malignancies (Review). <i>Oncology Reports</i> , 2021, 45, .	1.2	10
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2513	Potential therapeutic applications of phytoconstituents as immunomodulators: Pre-clinical and clinical evidences. <i>Phytotherapy Research</i> , 2021, 35, 3702-3731.	2.8	15
2514	Resveratrol Prevents Stress-Related Dysfunction of Mitochondria. <i>Biophysics (Russian Federation)</i> , 2021, 66, 248-254.	0.2	0
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2516	Resveratrol Reverses Social Deficits and Metabolic Dysfunction of Mice Model for Negative Symptoms of Schizophrenia. <i>Integrated Ferroelectrics</i> , 2021, 215, 91-102.	0.3	0
2517	Resveratrol-loaded nanomedicines for cancer applications. <i>Cancer Reports</i> , 2021, 4, e1353.	0.6	74
2518	Metabolic Engineering Strategy Enables a Hundred-Fold Increase in Viniferin Levels in <i>Vitis vinifera</i> cv. Gamay Red Cell Culture. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 3124-3133.	2.4	8
2519	Borrowing Hydrogen for Organic Synthesis. <i>ACS Central Science</i> , 2021, 7, 570-585.	5.3	203

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2523	Biotic and Abiotic Elicitors of Stilbenes Production in <i>Vitis vinifera</i> L. Cell Culture. <i>Plants</i> , 2021, 10, 490.	1.6	13
2524	Engineered resveratrol-loaded fibrous scaffolds promotes functional cardiac repair and regeneration through Thioredoxin-1 mediated VEGF pathway. <i>International Journal of Pharmaceutics</i> , 2021, 597, 120236.	2.6	12
2525	Tetrahedral Framework Nucleic Acid-Based Delivery of Resveratrol Alleviates Insulin Resistance: From Innate to Adaptive Immunity. <i>Nano-Micro Letters</i> , 2021, 13, 86.	14.4	44
2526	The Bioactivities of Resveratrol and Its Naturally Occurring Derivatives on Skin. <i>Journal of Food and Drug Analysis</i> , 2021, 29, 15-38.	0.9	24
2527	Protective effects of resveratrol and avocado oil against paracetamol-induced hepatotoxicity in rats. <i>Drug and Chemical Toxicology</i> , 2022, 45, 2131-2139.	1.2	7
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2530	Resveratrol in Rodent Models of Parkinson's Disease: A Systematic Review of Experimental Studies. <i>Frontiers in Pharmacology</i> , 2021, 12, 644219.	1.6	35
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2532	Resveratrol enhances trans-intestinal cholesterol excretion through selective activation of intestinal liver X receptor alpha. <i>Biochemical Pharmacology</i> , 2021, 186, 114481.	2.0	9
2533	Resveratrol noncompetitively inhibits glycine receptor-mediated currents in neurons of rat central auditory neurons. <i>Brain Research Bulletin</i> , 2021, 169, 18-24.	1.4	2
2534	Rational Design of Resveratrol O-methyltransferase for the Production of Pinostilbene. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4345.	1.8	9
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2536	Non-alcoholic fatty liver disease: An overview of risk factors, pathophysiological mechanisms, diagnostic procedures, and therapeutic interventions. <i>Life Sciences</i> , 2021, 271, 119220.	2.0	38
2537	The Role of Resveratrol in Human Male Fertility. <i>Molecules</i> , 2021, 26, 2495.	1.7	14

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2539	Production of curcumin-resveratrol cocrystal using cocrystallization with supercritical solvent. <i>Journal of Supercritical Fluids</i> , 2021, 171, 105190.	1.6	18
2540	G3BP1 Inhibition Alleviates Intracellular Nucleic Acid-Induced Autoimmune Responses. <i>Journal of Immunology</i> , 2021, 206, 2453-2467.	0.4	18
2541	Obesity and aging: Molecular mechanisms and therapeutic approaches. <i>Ageing Research Reviews</i> , 2021, 67, 101268.	5.0	68
2542	Chemistry and Pharmacology of Cyperaceae Stilbenoids: A Review. <i>Molecules</i> , 2021, 26, 2794.	1.7	20
2543	Nephroprotective activity of natural products against chemical toxicants: The role of Nrf2/ARE signaling pathway. <i>Food Science and Nutrition</i> , 2021, 9, 3362-3384.	1.5	22
2544	Encapsulation of trans-resveratrol in poly(μ -caprolactone) by GAS antisolvent. <i>Journal of Supercritical Fluids</i> , 2021, 171, 105164.	1.6	10
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2547	Natural products as geroprotectors: An autophagy perspective. <i>Medicinal Research Reviews</i> , 2021, 41, 3118-3155.	5.0	9
2548	Lipid-based Nano-phytomedicines for Disease Treatment and Theranostic Applications. <i>Current Nanomedicine</i> , 2021, 11, 40-50.	0.2	1
2549	Resveratrol attenuates arsenic-induced cognitive deficits via modulation of Estrogen-NMDAR-BDNF signalling pathway in female mouse hippocampus. <i>Psychopharmacology</i> , 2021, 238, 2485-2502.	1.5	12
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2552	Coronary microvascular adaptations distal to epicardial artery stenosis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 320, H2351-H2370.	1.5	7
2553	Mitochondrial Tumor Suppressors—The Energetic Enemies of Tumor Progression. <i>Cancer Research</i> , 2021, 81, 4652-4667.	0.4	6
2554	Endothelial Progenitor Cells Dysfunctions and Cardiometabolic Disorders: From Mechanisms to Therapeutic Approaches. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6667.	1.8	22
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2557	Potential beneficial effect of resveratrol on wound healing. <i>Burns</i> , 2021, 47, 973-974.	1.1	0
2558	C(sp ³)-C(sp ³) bond formation via nickel-catalyzed deoxygenative homo-coupling of aldehydes/ketones mediated by hydrazine. <i>Nature Communications</i> , 2021, 12, 3729.	5.8	18
2559	Oxidative stress in oocyte aging and female reproduction. <i>Journal of Cellular Physiology</i> , 2021, 236, 7966-7983.	2.0	141
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2561	Phenolic Compounds – An Emerging Group of Natural Compounds against Leukaemia: in vitro, in vivo and Clinical Applications. <i>Biochemistry</i> , 0, , .	0.8	0
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