

Bioavailability of Curcumin: Problems and Promises

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Comparison of suppressive effects of demethoxycurcumin and bisdemethoxycurcumin on expressions of inflammatory mediators In Vitro and In Vivo. Archives of Pharmacal Research, 2008, 31, 490-496.	2.7	55
5	Reactive oxygen species and imbalance of calcium homeostasis contributes to curcumin induced programmed cell death in Leishmania donovani. Apoptosis: an International Journal on Programmed Cell Death, 2008, 13, 867-882.	2.2	136
6	Curcumin induces cell arrest and apoptosis in association with the inhibition of constitutively active NF- κ B and STAT3 pathways in Hodgkin's lymphoma cells. International Journal of Cancer, 2008, 123, 56-65.	2.3	137
7	Synthesis of novel biodegradable and self-assembling methoxy poly(ethylene glycol)-palmitate nanocarrier for curcumin delivery to cancer cells. Acta Biomaterialia, 2008, 4, 1752-1761.	4.1	213
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10	Plasmodium chabaudi: Efficacy of artemisinin+curcumin combination treatment on a clone selected for artemisinin resistance in mice. Experimental Parasitology, 2008, 119, 304-307.	0.5	31
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25	Phytochemicals as Modulators of Neoplastic Phenotypes. <i>Pathobiology</i> , 2009, 76, 55-63.	1.9	7
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1947	Water-dispersible PEG-curcumin/amine-functionalized covalent organic framework nanocomposites as smart carriers for in vivo drug delivery. <i>Nature Communications</i> , 2018, 9, 2785.	5.8	353
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1949	Investigation of pH-Sensitive Swelling and Curcumin Release Behavior of ChitgIc Hydrogel. <i>Journal of Polymers and the Environment</i> , 2018, 26, 4034-4045.	2.4	8
1950	Curcumin-loaded Nanostructured Lipid Carriers for ocular drug delivery: Design optimization and characterization. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 47, 159-166.	1.4	43
1951	Curcumin for the Management of Periodontitis and Early ACPA-Positive Rheumatoid Arthritis: Killing Two Birds with One Stone. <i>Nutrients</i> , 2018, 10, 908.	1.7	46
1952	Bimetallic zeolitic imidazolate framework as an active excipient of curcumin under physiological condition. <i>Biomedical Physics and Engineering Express</i> , 2018, 4, 055004.	0.6	16
1953	Genetic diversity, essential oil composition, and in vitro antioxidant and antimicrobial activity of <i>Curcuma longa</i> L. germplasm collections. <i>Journal of Applied Research on Medicinal and Aromatic Plants</i> , 2018, 10, 75-84.	0.9	20
1954	Localized delivery of curcumin into brain with polysorbate 80-modified cerasomes by ultrasound-targeted microbubble destruction for improved Parkinson's disease therapy. <i>Theranostics</i> , 2018, 8, 2264-2277.	4.6	137
1955	Antioxidant properties of <i>Etingera pubescens</i> , an edible ginger plant endemic to Borneo. <i>Food Bioscience</i> , 2018, 25, 44-51.	2.0	6
1956	Enhanced Antibacterial Activity of Curcumin by Combination With Metal Ions. <i>Colloids and Interface Science Communications</i> , 2018, 25, 1-6.	2.0	41
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1960	Design, synthesis and cytotoxic effects of curcuminoids on HeLa, K562, MCF-7 and MDA-MB-231 cancer cell lines. <i>Chemistry Central Journal</i> , 2018, 12, 31.	2.6	25
1961	Investigating the Influence of Aromatic Moieties on the Formulation of Hydrophobic Natural Products and Drugs in Poly(2-oxazoline)-Based Amphiphiles. <i>Biomacromolecules</i> , 2018, 19, 3119-3128.	2.6	36
1962	Bio-conjugation of curcumin with self-assembled casein nanostructure via surface loading enhances its bioactivity: An efficient therapeutic system. <i>Applied Surface Science</i> , 2018, 462, 316-329.	3.1	27
1963	Curcumin-loaded self-nanomicellizing solid dispersion system: part II: in vivo safety and efficacy assessment against behavior deficit in Alzheimer disease. <i>Drug Delivery and Translational Research</i> , 2018, 8, 1406-1420.	3.0	32
1964	Tumor-targeting delivery of herb-based drugs with cell-penetrating/tumor-targeting peptide-modified nanocarriers. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 1425-1442.	3.3	54
1965	Natural products: a hope for glioblastoma patients. <i>Oncotarget</i> , 2018, 9, 22194-22219.	0.8	77
1966	Optimization of diarylpentadienones as chemotherapeutics for prostate cancer. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 4751-4760.	1.4	4
1967	Mechanistic evaluation of phytochemicals in breast cancer remedy: current understanding and future perspectives. <i>RSC Advances</i> , 2018, 8, 29714-29744.	1.7	55
1968	Tetrahydrocurcumin, a major metabolite of curcumin, ameliorates allergic airway inflammation by attenuating Th2 response and suppressing the IL-4/RI α /Jak1/STAT6 and Jagged1/Jagged2 \rightarrow Notch1/Notch2 pathways in asthmatic mice. <i>Clinical and Experimental Allergy</i> , 2018, 48, 1494-1508.	1.4	31
1970	Asymmetrical meta-methoxylated diarylpentanoids: Rational design, synthesis and anti-cancer evaluation in-vitro. <i>European Journal of Medicinal Chemistry</i> , 2018, 157, 716-728.	2.6	8
1971	In vitro and in vivo activity of liposome-encapsulated curcumin for naturally occurring canine cancers. <i>Veterinary and Comparative Oncology</i> , 2018, 16, 571-579.	0.8	14
1972	Phyto-polyphenols as potential inhibitors of breast cancer metastasis. <i>Molecular Medicine</i> , 2018, 24, 29.	1.9	58
1973	Antimalarial Activity of Orally Administered Curcumin Incorporated in Eudragit [®] -Containing Liposomes. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1361.	1.8	44
1974	Food Bioactive HDAC Inhibitors in the Epigenetic Regulation of Heart Failure. <i>Nutrients</i> , 2018, 10, 1120.	1.7	28
1975	Curcumin induces a fatal energetic impairment in tumor cells in vitro and in vivo by inhibiting ATP-synthase activity. <i>Carcinogenesis</i> , 2018, 39, 1141-1150.	1.3	37
1976	β -Terpineol, a natural monoterpene: A review of its biological properties. <i>Open Chemistry</i> , 2018, 16, 349-361.	1.0	169
1977	Combination potentiator (β -co-potentiator [™]) therapy for CF caused by CFTR mutants, including N1303K, that are poorly responsive to single potentiators. <i>Journal of Cystic Fibrosis</i> , 2018, 17, 595-606.	0.3	48

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1981	Use of spectroscopic and zeta potential techniques to study the interaction between lysozyme and curcumin in the presence of silver nanoparticles at different sizes. Journal of Biomolecular Structure and Dynamics, 2019, 37, 2030-2040.	2.0	94
1982	Increased bioavailability of curcumin using a novel dispersion technology system (LipiSpurse [®]). European Journal of Nutrition, 2019, 58, 2087-2097.	1.8	31
1983	The Effects of Curcumin on Serum Heat Shock Protein 27 Antibody Titers in Patients with Metabolic Syndrome. Journal of Dietary Supplements, 2019, 16, 592-601.	1.4	11
1984	Polymeric curcumin nanoparticles by a facile in situ method for macrophage targeted delivery. Bioengineering and Translational Medicine, 2019, 4, 141-151.	3.9	26
1985	Development of Chitosan and Alginate Nanocapsules to Increase the Solubility, Permeability and Stability of Curcumin. Journal of Pharmaceutical Innovation, 2019, 14, 132-140.	1.1	18
1986	Nanoencapsulation of quercetin and curcumin in casein-based delivery systems. Food Hydrocolloids, 2019, 87, 394-403.	5.6	141
1987	Synthesis of Curcumin Analogs under Ultrasound Irradiation for Inhibiting α -Amylase. Materials Science Forum, 2019, 948, 115-119.	0.3	3
1988	Pharmaceutical perspective on the translational hurdles of phytoconstituents and strategies to overcome. Journal of Drug Delivery Science and Technology, 2019, 53, 101201.	1.4	25
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1990	Gastric environment-stable oral nanocarriers for in situ colorectal cancer therapy. International Journal of Biological Macromolecules, 2019, 139, 1035-1045.	3.6	12
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1994	Curcumin Nanoparticles Protect against Isoproterenol Induced Myocardial Infarction by Alleviating Myocardial Tissue Oxidative Stress, Electrocardiogram, and Biological Changes. Molecules, 2019, 24, 2802.	1.7	54
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1998	Curcumin C3 complex [®] /Bioperine [®] has antineoplastic activity in mesothelioma: an in vitro and in vivo analysis. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 360.	3.5	19
1999	Versatile protamine nanocapsules to restore miR-145 levels and interfere tumor growth in colorectal cancer cells. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 142, 449-459.	2.0	22
2000	Nanomedicine-based Curcumin Approach Improved ROS Damage in Best Dystrophy-specific Induced Pluripotent Stem Cells. <i>Cell Transplantation</i> , 2019, 28, 1345-1357.	1.2	14
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2011	Synthesis of 1,4-thiazepane [®] -Based Curcuminoids with Promising Anticancer Activity. <i>Chemistry - A European Journal</i> , 2019, 25, 12583-12600.	1.7	10
2012	Curcumin-nicotinamide cocrystallization with supercritical solvent (CSS): Synthesis, characterization and in vivo antinociceptive and anti-inflammatory activities. <i>Industrial Crops and Products</i> , 2019, 139, 111537.	2.5	33
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2015	Ultra-High to Ultra-Low Drug-Loaded Micelles: Probing Host-Guest Interactions by Fluorescence Spectroscopy. <i>Chemistry - A European Journal</i> , 2019, 25, 12601-12610.	1.7	28
2016	Physical and morphological properties of hydroxypropyl methylcellulose films with curcumin polymorphs. <i>Food Hydrocolloids</i> , 2019, 97, 105217.	5.6	44
2017	Chemopreventive Effect of Phytosomal Curcumin on Hepatitis B Virus-Related Hepatocellular Carcinoma in A Transgenic Mouse Model. <i>Scientific Reports</i> , 2019, 9, 10338.	1.6	38
2018	Effects of Curcumin on Vessel Formation Insight into the Pro- and Antiangiogenesis of Curcumin. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-9.	0.5	47
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2038	Curcumin may induce lipolysis via proteo-stress in Huh7 human hepatoma cells. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2019, 65, 91-98.	0.6	8
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2069	Effect of curcumin on the inflammatory reaction and functional recovery after spinal cord injury in a hyperglycemic rat model. <i>Spine Journal</i> , 2019, 19, 2025-2039.	0.6	32
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2073	Recent advances in colloidal delivery systems for nutraceuticals: A case study â€” Delivery by Design of curcumin. <i>Journal of Colloid and Interface Science</i> , 2019, 557, 506-518.	5.0	125
2074	Effects and Underlying Mechanisms of Bioactive Compounds on Type 2 Diabetes Mellitus and Alzheimerâ€™s Disease. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-25.	1.9	31
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