

# Multiple biological activities of curcumin: A short review

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Curcumin potently blocks Kv1.4 potassium channels. <i>Biochemical and Biophysical Research Communications</i> , 2006, 344, 1161-1165.	1.0	28
2	Increased expression of the MGMT repair protein mediated by cysteine prodrugs and chemopreventative natural products in human lymphocytes and tumor cell lines. <i>Carcinogenesis</i> , 2006, 28, 378-389.	1.3	60
3	In Vitro Synthesis of Curcuminoids by Type III Polyketide Synthase from <i>Oryza sativa</i> . <i>Journal of Biological Chemistry</i> , 2007, 282, 37702-37709.	1.6	86
4	Ozonation of Human Blood Induces a Remarkable Upregulation of Heme Oxygenase-1 and Heat Stress Protein-70. <i>Mediators of Inflammation</i> , 2007, 2007, 1-6.	1.4	48
5	Curcumin in Cell Death Processes: A Challenge for CAM of Age-Related Pathologies. <i>Evidence-based Complementary and Alternative Medicine</i> , 2007, 4, 181-190.	0.5	112
6	Oxidative stress-mediated protein conformation changes: ESR study of spin-labelled staphylococcal nuclease. <i>Journal of Physics Condensed Matter</i> , 2007, 19, 285201.	0.7	5
7	The therapeutic role of targeting protein kinase C in solid and hematologic malignancies. <i>Expert Opinion on Investigational Drugs</i> , 2007, 16, 1693-1707.	1.9	48
8	CARDIOPROTECTIVE EFFECTS OF CURCUMIN. , 2007, 595, 359-377.		76
9	CELL GROWTH REGULATION. , 2007, 595, 245-268.		26
10	Effects of Some Chinese Spices on Body Weights, Plasma Lipids, Lipid Peroxides, and Glucose, and Liver Lipids in Mice. <i>Food Science and Technology Research</i> , 2007, 13, 155-161.	0.3	8
11	Comparative Antioxidant Activities of Curcumin and Its Demethoxy and Hydrogenated Derivatives. <i>Biological and Pharmaceutical Bulletin</i> , 2007, 30, 74-78.	0.6	288
12	Inflammation, Cancer, and Targets of Ginseng. <i>Journal of Nutrition</i> , 2007, 137, 183S-185S.	1.3	171
13	Curcumin protects against acute liver damage in the rat by inhibiting NF- $\kappa$ B, proinflammatory cytokines production and oxidative stress. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2007, 1770, 989-996.	1.1	206
14	Curcumin enhances cystic fibrosis transmembrane regulator expression by down-regulating calreticulin. <i>Biochemical and Biophysical Research Communications</i> , 2007, 353, 351-356.	1.0	23
15	Curcumin inhibits the formation of capillary-like tubes by rat lymphatic endothelial cells. <i>Cancer Letters</i> , 2007, 251, 288-295.	3.2	31
16	Curcumin/turmeric solubilized in sodium hydroxide inhibits HNE protein modification"An in vitro study. <i>Journal of Ethnopharmacology</i> , 2007, 110, 368-373.	2.0	49
17	Suppression by <i>Curcuma comosa</i> Roxb. of pro-inflammatory cytokine secretion in phorbol-12-myristate-13-acetate stimulated human mononuclear cells. <i>International Immunopharmacology</i> , 2007, 7, 524-531.	1.7	52
18	Potential usefulness of curcumin in cystic fibrosis. <i>Medical Hypotheses</i> , 2007, 69, 222-223.	0.8	2

#	ARTICLE	IF	CITATIONS
19	Cell death in NF- $\kappa$ B-dependent tumour cell lines as a result of NF- $\kappa$ B trapping by linker-modified hairpin decoy oligonucleotide. <i>FEBS Letters</i> , 2007, 581, 1143-1150.	1.3	13
20	Metabolism and Anticancer Activity of the Curcumin Analogue, Dimethoxycurcumin. <i>Clinical Cancer Research</i> , 2007, 13, 1269-1277.	3.2	173
21	BENEFICIAL ROLE OF CURCUMIN IN SKIN DISEASES. <i>Advances in Experimental Medicine and Biology</i> , 2007, 595, 343-357.	0.8	116
22	The Molecular Targets and Therapeutic Uses of Curcumin in Health and Disease. <i>Advances in Experimental Medicine and Biology</i> , 2007, , .	0.8	193
23	Curcumin effects on blood lipid profile in a 6-month human study. <i>Pharmacological Research</i> , 2007, 56, 509-514.	3.1	126
24	REGULATION OF COX AND LOX BY CURCUMIN. , 2007, 595, 213-226.		164
25	ANTITUMOR, ANTI-INVASION, AND ANTIMETASTATIC EFFECTS OF CURCUMIN. <i>Advances in Experimental Medicine and Biology</i> , 2007, 595, 173-184.	0.8	115
26	Possible inhibitory mechanism of Curcuma drugs on CYP3A4 in 1 $\pm$ ,25 dihydroxyvitamin D3 treated Caco-2 cells. <i>International Journal of Pharmaceutics</i> , 2007, 337, 169-177.	2.6	41
27	Polymeric nanoparticle-encapsulated curcumin ("nanocurcumin"): a novel strategy for human cancer therapy. <i>Journal of Nanobiotechnology</i> , 2007, 5, 3.	4.2	861
28	The interruption of the PDGF and EGF signaling pathways by curcumin stimulates gene expression of PPAR $\gamma$ 3 in rat activated hepatic stellate cell in vitro. <i>Laboratory Investigation</i> , 2007, 87, 488-498.	1.7	92
29	The Role of Haem Oxygenase $\alpha$ 1 in the Decrease of Endothelial Intercellular Adhesion Molecule $\alpha$ 1 Expression by Curcumin. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2007, 101, 411-415.	1.2	31
30	An efficient chemoenzymatic production of small molecule glucosides with in situ UDP-glucose recycling. <i>FEBS Letters</i> , 2007, 581, 2562-2566.	1.3	55
31	Pharmacological targeting of lysine acetyltransferases in human disease: a progress report. <i>Drug Discovery Today</i> , 2007, 12, 88-99.	3.2	35
32	Effect of Curcumin Treatment on Protein Phosphorylation in K562 Cells. <i>Annals of the New York Academy of Sciences</i> , 2007, 1095, 377-387.	1.8	3
33	CURCUMIN: THE INDIAN SOLID GOLD. , 2007, 595, 1-75.		1,148
34	Analysis of their in vitro metabolites of diferuloylmethane (curcumin) by liquid chromatography $\hat{c}$ tandem mass spectrometry on a hybrid quadrupole linear ion trap system: newly identified metabolites. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2007, 32, 51-57.	0.6	12
35	Curcumin attenuates glutamate-induced HT22 cell death by suppressing MAP kinase signaling. <i>Molecular and Cellular Biochemistry</i> , 2007, 298, 187-194.	1.4	64
36	Electrospun cellulose acetate fiber mats containing curcumin and release characteristic of the herbal substance. <i>Polymer</i> , 2007, 48, 7546-7557.	1.8	271

#	ARTICLE	IF	CITATIONS
37	Microwave assisted extraction of curcumin by sampleâ€“solvent dual heating mechanism using Taguchi L9 orthogonal design. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 46, 322-327.	1.4	143
38	Genetic diversity in in vitro-conserved germplasm of <i>Curcuma L.</i> as revealed by RAPD markers. <i>Biologia Plantarum</i> , 2008, 52, 627-633.	1.9	23
39	Different Curcuminoids Inhibit T-Lymphocyte Proliferation Independently of Their Radical Scavenging Activities. <i>Pharmaceutical Research</i> , 2008, 25, 1822-1827.	1.7	38
40	Anti-ischemic Effect of Curcumin in Rat Brain. <i>Neurochemical Research</i> , 2008, 33, 1036-1043.	1.6	128
41	Potential Protection of Curcumin against Hypoxia-induced Decreases in Beta-III Tubulin Content in Rat Prefrontal Cortical Neurons. <i>Neurochemical Research</i> , 2008, 33, 2112-2117.	1.6	29
42	Curcumin: From ancient medicine to current clinical trials. <i>Cellular and Molecular Life Sciences</i> , 2008, 65, 1631-1652.	2.4	1,549
43	Differential solubility of curcuminoids in serum and albumin solutions: implications for analytical and therapeutic applications. <i>BMC Biotechnology</i> , 2008, 8, 84.	1.7	33
44	Anticancer and carcinogenic properties of curcumin: Considerations for its clinical development as a cancer chemopreventive and chemotherapeutic agent. <i>Molecular Nutrition and Food Research</i> , 2008, 52 Suppl 1, S103-27.	1.5	191
45	Metabolism of curcumin and induction of mitotic catastrophe in human cancer cells. <i>Molecular Nutrition and Food Research</i> , 2008, 52, 1074-1081.	1.5	41
46	Beneficial drugs for liver diseases. <i>Journal of Applied Toxicology</i> , 2008, 28, 93-103.	1.4	140
47	Theoretical study on Curcumin: A comparison of calculated spectroscopic properties with NMR, UVâ€“vis and IR experimental data. <i>Journal of Molecular Structure</i> , 2008, 892, 168-176.	1.8	94
48	Synthesis and evaluation of curcumin analogues as potential thioredoxin reductase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 8035-8041.	1.4	63
49	Synthesis and anti-inflammatory activities of mono-carbonyl analogues of curcumin. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 1525-1529.	1.0	123
50	Molecularly imprinted poly (methacrylamide-co-methacrylic acid) composite membranes for recognition of curcumin. <i>Analytica Chimica Acta</i> , 2008, 615, 54-62.	2.6	52
51	Synthesis of novel biodegradable and self-assembling methoxy poly(ethylene glycol)â€“palmitate nanocarrier for curcumin delivery to cancer cells. <i>Acta Biomaterialia</i> , 2008, 4, 1752-1761.	4.1	213
52	Curcuma drugs and curcumin regulate the expression and function of P-gp in Caco-2 cells in completely opposite ways. <i>International Journal of Pharmaceutics</i> , 2008, 358, 224-229.	2.6	75
53	Cancer Chemoprevention Through Dietary Antioxidants: Progress and Promise. <i>Antioxidants and Redox Signaling</i> , 2008, 10, 475-510.	2.5	525
54	Combinatorial Biosynthesis of Non-bacterial and Unnatural Flavonoids, Stilbenoids and Curcuminoids by Microorganisms. <i>Journal of Antibiotics</i> , 2008, 61, 709-728.	1.0	44

#	ARTICLE	IF	CITATIONS
55	Anti-inflammatory effects of phytosteryl ferulates in colitis induced by dextran sulphate sodium in mice. <i>British Journal of Pharmacology</i> , 2008, 154, 812-824.	2.7	191
56	Immunonutrition support for athletes. <i>Nutrition Reviews</i> , 2008, 66, 310-320.	2.6	71
57	Redox regulation of the VEGF signaling path and tissue vascularization: Hydrogen peroxide, the common link between physical exercise and cutaneous wound healing. <i>Free Radical Biology and Medicine</i> , 2008, 44, 180-192.	1.3	71
58	Fluorescence Study of the Curcumin-Casein Micelle Complexation and Its Application as a Drug Nanocarrier to Cancer Cells. <i>Biomacromolecules</i> , 2008, 9, 2905-2912.	2.6	482
59	Membrane-Thinning Effect of Curcumin. <i>Biophysical Journal</i> , 2008, 94, 4331-4338.	0.2	115
60	The Bound States of Amphipathic Drugs in Lipid Bilayers: Study of Curcumin. <i>Biophysical Journal</i> , 2008, 95, 2318-2324.	0.2	84
61	Fabrication, Functionalization, and Application of Electrospun Biopolymer Nanofibers. <i>Critical Reviews in Food Science and Nutrition</i> , 2008, 48, 775-797.	5.4	286
62	Curcumin, a constituent of curry, suppresses IgE-mediated allergic response and mast cell activation at the level of Syk. <i>Journal of Allergy and Clinical Immunology</i> , 2008, 121, 1225-1231.	1.5	94
63	Curcumin: Preventive and Therapeutic Properties in Laboratory Studies and Clinical Trials. <i>Antioxidants and Redox Signaling</i> , 2008, 10, 511-546.	2.5	573
64	Silica Induces Plasminogen Activator Inhibitor-1 Expression through a MAPKs/AP-1-Dependent Mechanism in Human Lung Epithelial Cells. <i>Toxicology Mechanisms and Methods</i> , 2008, 18, 561-567.	1.3	8
65	Purification of Curcumin, Demethoxycurcumin, and Bisdemethoxycurcumin by High-Speed Countercurrent Chromatography. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 9328-9336.	2.4	66
66	A Review of Complementary and Alternative Approaches to Immunomodulation. <i>Nutrition in Clinical Practice</i> , 2008, 23, 49-62.	1.1	86
67	Evaluation of widely consumed botanicals as immunological adjuvants. <i>Vaccine</i> , 2008, 26, 4860-4865.	1.7	55
68	Curcumin protected PC12 cells against beta-amyloid-induced toxicity through the inhibition of oxidative damage and tau hyperphosphorylation. <i>Food and Chemical Toxicology</i> , 2008, 46, 2881-2887.	1.8	194
69	Redox signals in wound healing. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2008, 1780, 1348-1361.	1.1	264
70	Dose dependence and therapeutic window for the neuroprotective effects of curcumin in thromboembolic model of rat. <i>Behavioural Brain Research</i> , 2008, 193, 289-297.	1.2	84
71	Curcumin prevents human dendritic cell response to immune stimulants. <i>Biochemical and Biophysical Research Communications</i> , 2008, 374, 431-436.	1.0	53
72	Phase II Trial of Curcumin in Patients with Advanced Pancreatic Cancer. <i>Clinical Cancer Research</i> , 2008, 14, 4491-4499.	3.2	1,158

#	ARTICLE	IF	CITATIONS
73	Femtosecond laser processing of biopolymers at high repetition rate. <i>Physical Chemistry Chemical Physics</i> , 2008, 10, 6174.	1.3	29
74	Encapsulation and controlled release of nutraceuticals using mesoporous silica capsules. <i>Journal of Materials Chemistry</i> , 2008, 18, 162-165.	6.7	72
75	Inhibition of Thioredoxin Reductase by Curcumin Analogs. <i>Bioscience, Biotechnology and Biochemistry</i> , 2008, 72, 2214-2218.	0.6	26
76	Curcuminoid-phospholipid complex induces apoptosis in mammary epithelial cells by STAT-3 signaling. <i>Experimental and Molecular Medicine</i> , 2008, 40, 647.	3.2	15
77	Bioactive compounds from <i>Punica granatum</i> , <i>Curcuma longa</i> and <i>Zingiber officinale</i> and their therapeutic potential. <i>Drugs of the Future</i> , 2008, 33, 0329.	0.0	20
78	Effects of Turmeric Extract on the Pharmacokinetics of Nifedipine After a Single Oral Administration in Healthy Volunteers. <i>Journal of Dietary Supplements</i> , 2008, 5, 401-410.	1.4	8
79	Production of curcuminoids by <i>Escherichia coli</i> carrying an artificial biosynthesis pathway. <i>Microbiology (United Kingdom)</i> , 2008, 154, 2620-2628.	0.7	82
80	Androgen responsive and refractory prostate cancer cells exhibit distinct curcumin regulated transcriptome. <i>Cancer Biology and Therapy</i> , 2008, 7, 1427-1435.	1.5	33
81	Drug discovery and development with plant-derived compounds. , 2008, 65, 45-118.		40
82	Synthesis and Anti-bacterial Properties of Mono-carbonyl Analogues of Curcumin. <i>Chemical and Pharmaceutical Bulletin</i> , 2008, 56, 162-167.	0.6	111
83	Inhibitory Effect of Dehydrozingerone on Vascular Smooth Muscle Cell Function. <i>Journal of Cardiovascular Pharmacology</i> , 2008, 52, 422-429.	0.8	19
84	Curcumin inhibits MPA-induced secretion of VEGF from T47-D human breast cancer cells. <i>Menopause</i> , 2008, 15, 570-574.	0.8	28
85	Nutritional Supplements and Functional Foods. , 2008, , 11-35.		3
86	Polyethylene Glycosylated Curcumin Conjugate Inhibits Pancreatic Cancer Cell Growth through Inactivation of Jab1. <i>Molecular Pharmacology</i> , 2009, 76, 81-90.	1.0	103
87	Curcuminoid Biosynthesis by Two Type III Polyketide Synthases in the Herb <i>Curcuma longa</i> . <i>Journal of Biological Chemistry</i> , 2009, 284, 11160-11170.	1.6	134
88	Curcumin suppresses proliferation and invasion in human gastric cancer cells by down-regulation of PAK1 activity and cyclin D1 expression. <i>Cancer Biology and Therapy</i> , 2009, 8, 1360-1368.	1.5	120
89	Curcumin Facilitates Fibrinolysis and Cellular Migration during Wound Healing by Modulating Urokinase Plasminogen Activator Expression. <i>Pathophysiology of Haemostasis and Thrombosis: International Journal on Haemostasis and Thrombosis Research</i> , 2009, 37, 59-66.	0.5	33
90	Traditional Medicine for Memory Enhancement. , 2009, , 239-291.		11

#	ARTICLE	IF	CITATIONS
91	Curcumin prevents diabetes-associated abnormalities in the kidneys by inhibiting p300 and nuclear factor- $\kappa$ B. <i>Nutrition</i> , 2009, 25, 964-972.	1.1	167
92	Effects of curcuminoid supplement on cardiac autonomic status in high-fat-induced obese rats. <i>Nutrition</i> , 2009, 25, 870-878.	1.1	45
93	Attenuation of arsenic neurotoxicity by curcumin in rats. <i>Toxicology and Applied Pharmacology</i> , 2009, 240, 367-376.	1.3	139
94	Curcumin improves vascular function and alleviates oxidative stress in non-lethal lipopolysaccharide-induced endotoxaemia in mice. <i>European Journal of Pharmacology</i> , 2009, 616, 192-199.	1.7	41
95	Hydrogen-Atom Transfer Reactions from <i>ortho</i> -Alkoxy-Substituted Phenols: An Experimental Approach. <i>Chemistry - A European Journal</i> , 2009, 15, 4402-4410.	1.7	42
96	Recent developments in anti-inflammatory natural products. <i>Medicinal Research Reviews</i> , 2009, 29, 767-820.	5.0	375
97	In vitro schistosomicidal activity of curcumin against <i>Schistosoma mansoni</i> adult worms. <i>Parasitology Research</i> , 2009, 104, 1197-1201.	0.6	148
98	Study of curcumin and genistein interactions with human serum albumin. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009, 49, 468-474.	1.4	189
99	Influence of $\beta$ - and $\beta$ -cyclodextrin lipophilic derivatives on curcumin-loaded SLN. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2009, 65, 391-402.	1.6	28
100	Synthesis and characterization of glucosyl-curcuminoids as Fe <sup>3+</sup> suppliers in the treatment of iron deficiency. <i>BioMetals</i> , 2009, 22, 701-710.	1.8	13
101	A theoretical study about the structural, electronic and spectroscopic properties of the ground and singlet excited states of curcuminoidic core. <i>Theoretical Chemistry Accounts</i> , 2009, 124, 235-250.	0.5	10
102	Botanicals in skin care products. <i>International Journal of Dermatology</i> , 2009, 48, 923-934.	0.5	36
103	An <i>in vitro</i> investigation of herbs traditionally used for kidney and urinary system disorders: Potential therapeutic and toxic effects. <i>Nephrology</i> , 2009, 14, 70-79.	0.7	37
104	Pharmacological actions of curcumin in liver diseases or damage. <i>Liver International</i> , 2009, 29, 1457-1466.	1.9	143
105	Curcumin multi-wall carbon nanotubes modified glassy carbon electrode and its electrocatalytic activity towards oxidation of hydrazine. <i>Sensors and Actuators B: Chemical</i> , 2009, 135, 650-655.	4.0	139
106	Combinatorial biosynthesis of plant medicinal polyketides by microorganisms. <i>Current Opinion in Chemical Biology</i> , 2009, 13, 197-204.	2.8	78
107	Synthesis of new 2-aryl-6-styryl-2,3-dihydropyridin-4(1H)-one derivatives from curcuminoids. <i>Chinese Chemical Letters</i> , 2009, 20, 1291-1295.	4.8	3
108	Calcium uptake by casein embedded in polyelectrolyte multilayer. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009, 343, 118-126.	2.3	15

#	ARTICLE	IF	CITATIONS
109	Synthesis and biological evaluation of curcuminoid pyrazoles as new therapeutic agents in inflammatory bowel disease: Effect on matrix metalloproteinases. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 1290-1296.	1.4	50
110	Curcumin Binding to DNA and RNA. <i>DNA and Cell Biology</i> , 2009, 28, 201-208.	0.9	93
111	(1E,4E)-1,5-Bis(2,4-dimethylphenyl)penta-1,4-dien-3-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o2275-o2275.	0.2	1
112	Prophylactic role of curcumin in dextran sulfate sodium (DSS)-induced ulcerative colitis murine model. <i>Food and Chemical Toxicology</i> , 2009, 47, 1311-1317.	1.8	100
113	Modulation of ovine neutrophil function and apoptosis by standardized extracts of <i>Echinacea angustifolia</i> , <i>Butea frondosa</i> and <i>Curcuma longa</i> . <i>Veterinary Immunology and Immunopathology</i> , 2009, 128, 366-373.	0.5	17
114	Antiviral effect of <i>Curcuma longa</i> Linn extract against hepatitis B virus replication. <i>Journal of Ethnopharmacology</i> , 2009, 124, 189-196.	2.0	106
115	Capsaicin promotes the amyloidogenic route of brain amyloid precursor protein processing. <i>Neurochemistry International</i> , 2009, 54, 426-430.	1.9	20
116	Effective Stabilization of Curcumin by Association to Plasma Proteins: Human Serum Albumin and Fibrinogen. <i>Langmuir</i> , 2009, 25, 5773-5777.	1.6	176
117	Free Energies of Molecular Bound States in Lipid Bilayers: Lethal Concentrations of Antimicrobial Peptides. <i>Biophysical Journal</i> , 2009, 96, 3263-3272.	0.2	66
118	The Use of Natural Compounds and Botanicals in the Development of Anti-Aging Skin Care Products. , 2009, , 205-263.		10
119	Status of novel drug delivery technology for phytotherapeutics. <i>Expert Opinion on Drug Delivery</i> , 2009, 6, 625-637.	2.4	62
120	In Vitro Evaluation of the Antioxidant Activities of Grape Seed ( <i>Vitis vinifera</i> ) Extract, Blackseed ( <i>Nigella sativa</i> ) Extract and Curcumin. <i>Journal of Taibah University Medical Sciences</i> , 2009, 4, 23-35.	0.5	14
121	Inhibition of glycogen synthase kinase by curcumin: Investigation by simulated molecular docking and subsequent <i>in vitro</i> / <i>in vivo</i> evaluation. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2009, 24, 771-778.	2.5	82
122	Antioxidant, Free Radical Scavenging, and NF- $\kappa$ B Inhibitory Activities of Phytosteryl Ferulates: Structure Activity Studies. <i>Journal of Pharmacological Sciences</i> , 2009, 111, 328-337.	1.1	88
123	A Simple HPLC-fluorescence Method for Quantitation of Curcuminoids and Its Application to Turmeric Products. <i>Analytical Sciences</i> , 2009, 25, 385-388.	0.8	43
124	Botanical Antioxidants for Protection Against Damage from Sunlight. , 2009, , 161-183.		3
125	Turmeric. <i>Nutrition Today</i> , 2010, 45, 216-225.	0.6	19
126	Cellular and Mitochondrial Effects of Alcohol Consumption. <i>International Journal of Environmental Research and Public Health</i> , 2010, 7, 4281-4304.	1.2	209



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127	Phytochemicals in Cancer Prevention and Therapy: Truth or Dare?. <i>Toxins</i> , 2010, 2, 517-551.	1.5	173
128	Preparation and characterisation of curcumin nanosuspension for enhanced solubility and dissolution velocity. <i>International Journal of Nano and Biomaterials</i> , 2010, 3, 153.	0.1	5
129	Excited-State Intramolecular Hydrogen Atom Transfer of Curcumin in Surfactant Micelles. <i>Journal of Physical Chemistry B</i> , 2010, 114, 2997-3004.	1.2	87
130	Synthesis and evaluation of curcumin analogues as cytotoxic agents. <i>Medicinal Chemistry Research</i> , 2010, 19, 413-430.	1.1	39
131	Formation and stability of poly-L-lysine/casein multilayers. <i>Adsorption</i> , 2010, 16, 241-248.	1.4	9
132	Fluorescence Enhancement of the Silver Nanoparticles " Curcumin - Cetyltrimethylammonium Bromide-nucleic Acids System and its Analytical Application. <i>Journal of Fluorescence</i> , 2010, 20, 843-850.	1.3	7
133	A Combined Theoretical and Experimental Approach to the Study of the Structural and Electronic Properties of Curcumin as a Function of the Solvent. <i>Journal of Solution Chemistry</i> , 2010, 39, 11-29.	0.6	11
134	The influence of the long-term administration of Curcuma longa extract on learning and spatial memory as well as the concentration of brain neurotransmitters and level of plasma corticosterone in aged rats. <i>Pharmacology Biochemistry and Behavior</i> , 2010, 95, 351-358.	1.3	21
135	Neuroprotective effects of the polyphenolic antioxidant agent, Curcumin, against homocysteine-induced cognitive impairment and oxidative stress in the rat. <i>Pharmacology Biochemistry and Behavior</i> , 2010, 96, 378-385.	1.3	113
136	<i>In vitro</i> biological evaluation of electrospun cellulose acetate fiber mats containing asiaticoside or curcumin. <i>Journal of Biomedical Materials Research - Part A</i> , 2010, 94A, 1216-1225.	2.1	31
137	Dose-dependent actions of curcumin in experimentally induced myocardial necrosis: a biochemical, histopathological, and electron microscopic evidence. <i>Cell Biochemistry and Function</i> , 2010, 28, 74-82.	1.4	26
138	Curcumin inhibits tumor growth and angiogenesis in glioblastoma xenografts. <i>Molecular Nutrition and Food Research</i> , 2010, 54, 1192-1201.	1.5	137
139	Poly( $\beta$ -cyclodextrin)/Curcumin Self-Assembly: A Novel Approach to Improve Curcumin Delivery and its Therapeutic Efficacy in Prostate Cancer Cells. <i>Macromolecular Bioscience</i> , 2010, 10, 1141-1151.	2.1	117
140	Curcumin inhibits influenza virus infection and haemagglutination activity. <i>Food Chemistry</i> , 2010, 119, 1346-1351.	4.2	154
141	Curcumin pretreatment protects against acute acrylonitrile-induced oxidative damage in rats. <i>Toxicology</i> , 2010, 267, 140-146.	2.0	57
142	$\beta$ -Cyclodextrin-curcumin self-assembly enhances curcumin delivery in prostate cancer cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010, 79, 113-125.	2.5	438
143	Curcuminoid analogs with potent activity against Trypanosoma and Leishmania species. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 941-956.	2.6	145
144	Isoxazole analogs of curcuminoids with highly potent multidrug-resistant antimycobacterial activity. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 4446-4457.	2.6	122

#	ARTICLE	IF	CITATIONS
145	The genome-wide expression profile of <i>Curcuma longa</i> -treated cisplatin-stimulated HEK293 cells. <i>British Journal of Clinical Pharmacology</i> , 2010, 70, 547-556.	1.1	2
146	Morphological alterations and G0/G1 cell cycle arrest induced by curcumin in human SK-MEL-37 melanoma cells. <i>Brazilian Archives of Biology and Technology</i> , 2010, 53, 343-352.	0.5	8
147	Development and validation of a fluorimetric method to determine curcumin in lipid and polymeric nanocapsule suspensions. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2010, 46, 219-226.	1.2	23
148	Free radical scavenging potential of some Indian medicinal plants. <i>Journal of Medicinal Plants Research</i> , 2010, 4, 2034-2042.	0.2	18
149	(3E,5E)-3,5-Bis(4-hydroxy-3,5-dimethoxybenzylidene)oxan-4-one monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o3334-o3334.	0.2	3
150	Structural basis for the one-pot formation of the diarylheptanoid scaffold by curcuminoid synthase from <i>Oryza sativa</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 19778-19783.	3.3	48
151	Reference Profile Correlation Reveals Estrogen-like Transcriptional Activity of Curcumin. <i>Cellular Physiology and Biochemistry</i> , 2010, 26, 471-482.	1.1	73
152	Inhibitory effect of rutin and curcumin on experimentally-induced calcium oxalate urolithiasis in rats. <i>Pharmacognosy Research (discontinued)</i> , 2010, 2, 388.	0.3	45
153	Complications of Hot Tumeric Use in Acute Trauma. <i>Oman Medical Journal</i> , 2010, 25, e001.	0.3	3
154	Curcumin improves sclerosing cholangitis in <i>Mdr2</i> <sup>-/-</sup> mice by inhibition of cholangiocyte inflammatory response and portal myofibroblast proliferation. <i>Cut</i> , 2010, 59, 521-530.	6.1	83
155	Curcumin delays development of medroxyprogesterone acetate-accelerated 7,12-dimethylbenz[a]anthracene-induced mammary tumors. <i>Menopause</i> , 2010, 17, 178-184.	0.8	20
156	Curcumin inhibits fibrosis-related effects in IPF fibroblasts and in mice following bleomycin-induced lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2010, 298, L616-L625.	1.3	91
157	Plant Type III PKS. , 2010, , 171-225.		14
158	Curcumin as an Anti-Cancer Agent: Review of the Gap Between Basic and Clinical Applications. <i>Current Medicinal Chemistry</i> , 2010, 17, 190-197.	1.2	416
159	The Effect of Curcumin on Corneal Neovascularization in Rabbit Eyes. <i>Current Eye Research</i> , 2010, 35, 274-280.	0.7	26
160	Novel Thermally Cross-Linkable Poly[(arylenedioxy)(diorganysilylene)]s Based on Curcumin: Synthesis and Characterization. <i>Macromolecules</i> , 2010, 43, 3277-3285.	2.2	8
161	Potential Chemopreventive Agents Based on the Structure of the Lead Compound 2-Bromo-1-hydroxyphenazine, Isolated from <i>Streptomyces</i> Species, Strain CNS284. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 8688-8699.	2.9	69
162	Resveratrol, Genistein, and Curcumin Bind Bovine Serum Albumin. <i>Journal of Physical Chemistry B</i> , 2010, 114, 3348-3354.	1.2	356

#	ARTICLE	IF	CITATIONS
163	Herbal interactions on absorption of drugs: Mechanisms of action and clinical risk assessment. <i>Pharmacological Research</i> , 2010, 62, 207-227.	3.1	124
164	Curcumin Attenuates Glucose-Induced Monocyte Chemoattractant Protein-1 Synthesis in Aortic Endothelial Cells by Modulating the Nuclear Factor- $\kappa$ B Pathway. <i>Pharmacology</i> , 2010, 85, 18-26.	0.9	21
165	Synthesis and characterisation of zein-curcumin colloidal particles. <i>Soft Matter</i> , 2010, 6, 6192.	1.2	418
166	Curcumin Disorders 1,2-Dipalmitoyl-sn-glycero-3-phosphocholine Membranes and Favors the Formation of Nonlamellar Structures by 1,2-Dielaidoyl-sn-glycero-3-phosphoethanolamine. <i>Journal of Physical Chemistry B</i> , 2010, 114, 9778-9786.	1.2	45
167	Biosynthesis and Biotransformation. , 2010, , 251-274.		0
168	Neuroprotective effect of curcumin in arsenic-induced neurotoxicity in rats. <i>NeuroToxicology</i> , 2010, 31, 533-539.	1.4	82
169	Histone acetylation modulation by small molecules: A chemical approach. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2010, 1799, 760-767.	0.9	22
170	Synergistic effect of curcumin and insulin on muscle cell glucose metabolism. <i>Food and Chemical Toxicology</i> , 2010, 48, 2366-2373.	1.8	54
171	Curcumin prevents human aortic smooth muscle cells migration by inhibiting of MMP-9 expression. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2010, 20, 125-132.	1.1	53
172	Encapsulation of polyphenols – a review. <i>Trends in Food Science and Technology</i> , 2010, 21, 510-523.	7.8	1,176
173	Synthesis and Identification of New 4-Arylidene Curcumin Analogues as Potential Anticancer Agents Targeting Nuclear Factor- $\kappa$ B Signaling Pathway. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 8260-8273.	2.9	99
174	The Preparation of Ternary Solid Dispersions of an Herbal Drug via Spray Drying of Liquid Feed. <i>Drying Technology</i> , 2010, 28, 412-421.	1.7	51
175	Immunoprotective effect of curcumin on cypermethrin-induced toxicity in rats. <i>Toxicological and Environmental Chemistry</i> , 2010, 92, 1909-1917.	0.6	11
176	Curcumin Prevents Dopaminergic Neuronal Death Through Inhibition of the c-Jun N-Terminal Kinase Pathway. <i>Rejuvenation Research</i> , 2010, 13, 55-64.	0.9	105
177	Bio-Farms for Nutraceuticals. <i>Advances in Experimental Medicine and Biology</i> , 2010, , .	0.8	12
178	The Role of Charge in the Surfactant-Assisted Stabilization of the Natural Product Curcumin. <i>Langmuir</i> , 2010, 26, 5520-5526.	1.6	99
179	Curcumin Induces Cell Death in Human Uveal Melanoma Cells through Mitochondrial Pathway. <i>Current Eye Research</i> , 2010, 35, 352-360.	0.7	28
180	Hydrogels for wound healing applications. , 2011, , 184-227.		28

#	ARTICLE	IF	CITATIONS
181	Lung-targeted delivery system of curcumin loaded gelatin microspheres. <i>Drug Delivery</i> , 2011, 18, 545-554.	2.5	28
182	Femtosecond Fluorescence Upconversion Investigations on the Excited-State Photophysics of Curcumin. <i>Australian Journal of Chemistry</i> , 2011, 64, 23.	0.5	19
185	Curcumin modulates PKC $\zeta$ activity by a membrane-dependent effect. <i>Archives of Biochemistry and Biophysics</i> , 2011, 513, 36-41.	1.4	11
186	Curcumin reverses corticosterone-induced depressive-like behavior and decrease in brain BDNF levels in rats. <i>Neuroscience Letters</i> , 2011, 493, 145-148.	1.0	115
187	Curcumin ((E,E)-1,7-bis(4-hydroxy-3-methoxyphenyl)-1,6-heptadiene-3,5-dione) activates and desensitizes the nociceptor ion channel TRPA1. <i>Neuroscience Letters</i> , 2011, 503, 157-162.	1.0	62
188	Neuroprotective efficacy of curcumin in arsenic induced cholinergic dysfunctions in rats. <i>NeuroToxicology</i> , 2011, 32, 760-768.	1.4	103
189	Transient complete atrioventricular block associated with curcumin intake. <i>International Journal of Cardiology</i> , 2011, 150, e50-e52.	0.8	17
190	Effect of Combined Treatment With Curcumin and Candesartan on Ischemic Brain Damage in Mice. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2011, 20, 541-548.	0.7	21
191	Anti-angiogenesis effect of essential oil from <i>Curcuma zedoaria</i> in vitro and in vivo. <i>Journal of Ethnopharmacology</i> , 2011, 133, 220-226.	2.0	63
192	Food Components with Anti-Obesity Effect. <i>Annual Review of Food Science and Technology</i> , 2011, 2, 237-257.	5.1	37
193	Curcumin-loaded biodegradable polymeric micelles for colon cancer therapy in vitro and in vivo. <i>Nanoscale</i> , 2011, 3, 1558.	2.8	369
194	Identification of Novel Anti-inflammatory Agents from Ayurvedic Medicine for Prevention of Chronic Diseases: &#x201C;Reverse Pharmacology&#x201D; and &#x201C;Bedside to Bench&#x201D; Approach. <i>Current Drug Targets</i> , 2011, 12, 1595-1653.	1.0	305
195	Curcumin Ameliorates Cardiac Inflammation in Rats with Autoimmune Myocarditis. <i>Biological and Pharmaceutical Bulletin</i> , 2011, 34, 974-979.	0.6	26
196	Potent anti-inflammatory effects of systemically administered curcumin modulate periodontal disease in vivo. <i>Journal of Periodontal Research</i> , 2011, 46, 269-279.	1.4	121
197	Curcumin-mediated lifespan extension in <i>Caenorhabditis elegans</i> . <i>Mechanisms of Ageing and Development</i> , 2011, 132, 480-487.	2.2	217
198	Polymeric micelles for parenteral delivery of curcumin: Preparation, characterization and in vitro evaluation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011, 390, 25-32.	2.3	69
199	Submicroparticles composed of amphiphilic chitosan derivative for oral insulin and curcumin release applications. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 88, 722-728.	2.5	24
200	Curcumin induced HepG2 cell apoptosis-associated mitochondrial membrane potential and intracellular free Ca <sup>2+</sup> concentration. <i>European Journal of Pharmacology</i> , 2011, 650, 41-47.	1.7	115

#	ARTICLE	IF	CITATIONS
201	Curcumin activates Wnt/ $\beta$ -catenin signaling pathway through inhibiting the activity of GSK-3 $\beta$ in APP <sup>swE</sup> transfected SY5Y cells. <i>European Journal of Pharmaceutical Sciences</i> , 2011, 42, 540-546.	1.9	106
202	<i>Taphrina maculans</i> reduces the therapeutic value of turmeric ( <i>Curcuma longa</i> ). <i>Archives of Phytopathology and Plant Protection</i> , 2011, 44, 1142-1146.	0.6	0
203	Epigenetic diet: impact on the epigenome and cancer. <i>Epigenomics</i> , 2011, 3, 503-518.	1.0	312
204	Docosahexaenoic acid: A natural powerful adjuvant that improves efficacy for anticancer treatment with no adverse effects. <i>BioFactors</i> , 2011, 37, 399-412.	2.6	98
205	Encapsulation of Curcumin in Pluronic Block Copolymer Micelles for Drug Delivery Applications. <i>Journal of Biomaterials Applications</i> , 2011, 25, 619-639.	1.2	195
206	Fabrication of silver nanocomposite films impregnated with curcumin for superior antibacterial applications. <i>Journal of Materials Science: Materials in Medicine</i> , 2011, 22, 1863-1872.	1.7	66
207	Chemical biology of Histone acetyltransferase natural compounds modulators. <i>Molecular Diversity</i> , 2011, 15, 401-416.	2.1	28
208	Functional foods: An overview. <i>Food Science and Biotechnology</i> , 2011, 20, 861-875.	1.2	176
210	Terpene microemulsions for transdermal curcumin delivery: Effects of terpenes and cosurfactants. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 82, 63-70.	2.5	120
211	A synergistic antiproliferation effect of curcumin and docosahexaenoic acid in SK-BR-3 breast cancer cells: unique signaling not explained by the effects of either compound alone. <i>BMC Cancer</i> , 2011, 11, 149.	1.1	77
212	Curcumin is a potent modulator of microglial gene expression and migration. <i>Journal of Neuroinflammation</i> , 2011, 8, 125.	3.1	107
213	Crystal structure of curcuminoid synthase CUS from <i>Oryza sativa</i> . <i>Proteins: Structure, Function and Bioinformatics</i> , 2011, 79, 669-673.	1.5	8
214	How glucosylation triggers physical/chemical properties of curcumin: an experimental and theoretical study. <i>Journal of Physical Organic Chemistry</i> , 2011, 24, 299-310.	0.9	6
215	Curcumin suppresses human papillomavirus oncoproteins, restores p53, rb, and ptpn13 proteins and inhibits benzo[a]pyrene-induced upregulation of HPV E7. <i>Molecular Carcinogenesis</i> , 2011, 50, 47-57.	1.3	88
216	Curcumin enhances dasatinib-induced inhibition of growth and transformation of colon cancer cells. <i>International Journal of Cancer</i> , 2011, 128, 951-961.	2.3	99
217	Density functional theory investigation of Cu(I) and Cu(II) curcumin complexes. <i>Journal of Computational Chemistry</i> , 2011, 32, 429-438.	1.5	22
218	Synthesis and characterization of hydrogel/silver nanoparticle/curcumin composites for wound dressing and antibacterial application. <i>Journal of Applied Polymer Science</i> , 2011, 121, 784-796.	1.3	167
219	Magnetic and electric responsive hydrogel/magnetic nanocomposites for drug delivery application. <i>Journal of Applied Polymer Science</i> , 2011, 122, 1364-1375.	1.3	59

#	ARTICLE	IF	CITATIONS
220	Structural, thermodynamic and electronic properties of Gallium(III) complexes with acetylacetone and Curcuminoidic core. Computational and Theoretical Chemistry, 2011, 966, 75-83.	1.1	0
221	Quality and antioxidant properties of bread containing turmeric ( <i>Curcuma longa</i> L.) cultivated in South Korea. Food Chemistry, 2011, 124, 1577-1582.	4.2	159
222	Curcumin protects mouse neuroblastoma Neuro-2A cells against hydrogen-peroxide-induced oxidative stress. Food Chemistry, 2011, 129, 387-394.	4.2	55
223	Preparation and characterization of water-soluble albumin-bound curcumin nanoparticles with improved antitumor activity. International Journal of Pharmaceutics, 2011, 403, 285-291.	2.6	252
224	Curcumin-loaded PLGA-PEG-PLGA triblock copolymeric micelles: Preparation, pharmacokinetics and distribution in vivo. Journal of Colloid and Interface Science, 2011, 354, 116-123.	5.0	304
225	The Known Immunologically Active Components of <i>Astragalus</i> Account for Only a Small Proportion of the Immunological Adjuvant Activity When Combined with Conjugate Vaccines. Planta Medica, 2011, 77, 817-824.	0.7	30
226	Curcumin delivery by methoxy polyethylene glycol&ndash;poly(caprolactone) &nbsp;nano&nbsp;nanoparticles inhibits the growth of C6 glioma cells. Acta Biochimica Et Biophysica Sinica, 2011, 43, 267-274.	0.9	60
227	Nanotechnologies for Curcumin: An Ancient Puzzler Meets Modern Solutions. Journal of Nanomaterials, 2011, 2011, 1-8.	1.5	28
228	A polymeric nanoparticle formulation of curcumin inhibits growth, clonogenicity and stem-like fraction in malignant brain tumors. Cancer Biology and Therapy, 2011, 11, 464-473.	1.5	205
229	(3E,5E)-3,5-Bis(4-hydroxybenzylidene)oxan-4-one. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o116-o116.	0.2	2
230	Interaction of curcumin nanoformulations with human plasma proteins and erythrocytes. International Journal of Nanomedicine, 2011, 6, 2779.	3.3	52
231	Inhibition of cardiac oxidative and endoplasmic reticulum stress-mediated apoptosis by curcumin treatment contributes to protection against acute myocarditis. Free Radical Research, 2011, 45, 1223-1231.	1.5	22
232	Curdione Plays an Important Role in the Inhibitory Effect of <i>Curcuma aromatica</i> on CYP3A4 in Caco-2 Cells. Evidence-based Complementary and Alternative Medicine, 2011, 2011, 1-9.	0.5	14
233	Effect of Curcumin Against <i>Proteus mirabilis</i> During Crystallization of Struvite from Artificial Urine. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-7.	0.5	34
234	Modulation of the Wound Healing Response Through Oxidation Active Materials. , 2012, , 161-192.		4
235	Protective Effect of Curcumin on Pulmonary and Cardiovascular Effects Induced by Repeated Exposure to Diesel Exhaust Particles in Mice. PLoS ONE, 2012, 7, e39554.	1.1	70
236	Preparation and in vivo pharmacokinetics of curcumin-loaded PCL-PEG-PCL triblock copolymeric nanoparticles. International Journal of Nanomedicine, 2012, 7, 4089.	3.3	107
237	Pulmonary Administration of a Water-Soluble Curcumin Complex Reduces Severity of Acute Lung Injury. American Journal of Respiratory Cell and Molecular Biology, 2012, 47, 280-287.	1.4	42

#	ARTICLE	IF	CITATIONS
238	&lt;l&gt;In Vivo&lt;l&gt; Evaluation of Curcumin Loaded Nanosuspensions by Oral Administration. Journal of Biomedical Nanotechnology, 2012, 8, 659-668.	0.5	39
239	Protective effect of curcumin against arsenic-induced apoptosis in murine splenocytes<i>in vitro</i>. Journal of Immunotoxicology, 2012, 9, 148-159.	0.9	22
240	Novel dipeptide nanoparticles for effective curcumin delivery. International Journal of Nanomedicine, 2012, 7, 4207.	3.3	56
241	Neural Regeneration: Role of Traditional Chinese Medicine in Neurological Diseases Treatment. Journal of Pharmacological Sciences, 2012, 120, 139-145.	1.1	43
242	Protective efficacy of 2-PAMCl, atropine and curcumin against dichlorvos induced toxicity in rats. Interdisciplinary Toxicology, 2012, 5, 1-8.	1.0	26
244	Multidisciplinary Studies of Anti-Inflammatory Botanicals. , 2012, , 47-72.		1
245	Reactivation of RASSF1A in Breast Cancer Cells by Curcumin. Nutrition and Cancer, 2012, 64, 1228-1235.	0.9	80
246	Phytochemicals and Amino Acids: Inducers or Inhibitors of Cell Death?. , 2012, , 3-32.		1
247	The impact of curcumin on breast cancer. Integrative Biology (United Kingdom), 2012, 4, 996-1007.	0.6	74
248	In silico inhibition studies of NF- $\kappa$ B p50 subunit by curcumin and its natural derivatives. Medicinal Chemistry Research, 2012, 21, 3281-3287.	1.1	10
249	Lyophilisomes as a new generation of drug delivery capsules. International Journal of Pharmaceutics, 2012, 439, 127-135.	2.6	16
250	A novel anticancer and antifungus phenazine derivative from a marine actinomycete BM-17. Microbiological Research, 2012, 167, 616-622.	2.5	111
251	Development and Characterization of Curcumin Loaded Silver Nanoparticle Hydrogels for Antibacterial and Drug Delivery Applications. Journal of Inorganic and Organometallic Polymers and Materials, 2012, 22, 1254-1262.	1.9	54
252	T63, a new 4-arylidene curcumin analogue, induces cell cycle arrest and apoptosis through activation of the reactive oxygen speciesâ€™FOXO3a pathway in lung cancer cells. Free Radical Biology and Medicine, 2012, 53, 2204-2217.	1.3	46
253	In situ injectable nano-composite hydrogel composed of curcumin, N,O-carboxymethyl chitosan and oxidized alginate for wound healing application. International Journal of Pharmaceutics, 2012, 437, 110-119.	2.6	221
254	Role of curcumin on the determination of the critical micellar concentration by absorbance, fluorescence and fluorescence anisotropy techniques. Journal of Photochemistry and Photobiology B: Biology, 2012, 115, 9-15.	1.7	67
255	Interleukin-1 Induction of Aggrecanase Gene Expression in Human Articular Chondrocytes is Mediated by Mitogen-Activated Protein Kinases. Cellular Physiology and Biochemistry, 2012, 30, 563-574.	1.1	29
256	Protective effect of curcumin, silymarin and <i>N</i>-acetylcysteine on antitubercular drug-induced hepatotoxicity assessed in an in vitro model. Human and Experimental Toxicology, 2012, 31, 788-797.	1.1	47



#	ARTICLE	IF	CITATIONS
257	Emerging role of nanocarriers to increase the solubility and bioavailability of curcumin. <i>Expert Opinion on Drug Delivery</i> , 2012, 9, 1347-1364.	2.4	131
258	Binding and stabilization of curcumin by mixed chitosan-surfactant systems: A spectroscopic study. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2012, 245, 18-27.	2.0	48
259	Preparation and characterization of cationic curcumin nanoparticles for improvement of cellular uptake. <i>Carbohydrate Polymers</i> , 2012, 90, 16-22.	5.1	96
260	Molecular cloning and differential expressions of two cDNA encoding Type III polyketide synthase in different tissues of <i>Curcuma longa</i> L. <i>Gene</i> , 2012, 491, 278-283.	1.0	13
261	Curcumin Analogues with Potent and Selective Anti-proliferative Activity on Acute Promyelocytic Leukemia: Involvement of Accumulated Misfolded Nuclear Receptor Co-repressor (NCoR) Protein as a Basis for Selective Activity. <i>ChemMedChem</i> , 2012, 7, 1567-1579.	1.6	22
262	Curcumin produces antidepressant effects via activating MAPK/ERK-dependent brain-derived neurotrophic factor expression in the amygdala of mice. <i>Behavioural Brain Research</i> , 2012, 235, 67-72.	1.2	81
263	A simple reporter assay for screening claudin-4 modulators. <i>Biochemical and Biophysical Research Communications</i> , 2012, 426, 454-460.	1.0	11
264	Curcumin attenuates rat thoracic aortic aneurysm formation by inhibition of the c-Jun N-terminal kinase pathway and apoptosis. <i>Nutrition</i> , 2012, 28, 1068-1074.	1.1	41
265	Curcumin ingestion and exercise training improve vascular endothelial function in postmenopausal women. <i>Nutrition Research</i> , 2012, 32, 795-799.	1.3	121
266	Nutritional Interventions to Prevent and Treat Osteoarthritis. Part II: Focus on Micronutrients and Supportive Nutraceuticals. <i>PM and R</i> , 2012, 4, S155-68.	0.9	50
267	Synthesis of poly (glycerol-co-dioate-co-butanedioate-co-xanthorrhizol) ester and a study of chain length effect on pendant group loading. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2012, 84, 198-204.	1.8	3
268	Conjugation of curcumin with PVP capped gold nanoparticles for improving bioavailability. <i>Materials Science and Engineering C</i> , 2012, 32, 2659-2663.	3.8	122
269	A novel nanofiber Cur-loaded polylactic acid constructed by electrospinning. <i>Advances in Natural Sciences: Nanoscience and Nanotechnology</i> , 2012, 3, 025014.	0.7	23
270	One-Step Synthesis of Biodegradable Curcumin-Derived Hydrogels as Potential Soft Tissue Fillers after Breast Cancer Surgery. <i>Biomacromolecules</i> , 2012, 13, 2279-2286.	2.6	48
271	Etodolac Blocks the Allyl Isothiocyanate-Induced Response in Mouse Sensory Neurons by Selective TRPA1 Activation. <i>Pharmacology</i> , 2012, 90, 47-54.	0.9	14
272	Curcumin Derivatives as Green Corrosion Inhibitors for $\pm$ -Brass in Nitric Acid Solution. <i>Journal of Materials Engineering and Performance</i> , 2012, 21, 2354-2362.	1.2	11
273	Phytomedicine-Loaded Polymeric Nanomedicines: Potential Cancer Therapeutics. <i>Advances in Polymer Science</i> , 2012, , 203-239.	0.4	6
274	Curcumin: Structure, Biology and Clinical Applications. , 2012, , 413-457.		3



#	ARTICLE	IF	CITATIONS
275	The Role of Bioactive Compounds on the Promotion of Neurite Outgrowth. <i>Molecules</i> , 2012, 17, 6728-6753.	1.7	69
278	Curcumin Heals Indomethacin-Induced Gastric Ulceration by Stimulation of Angiogenesis and Restitution of Collagen Fibers via VEGF and MMP-2 Mediated Signaling. <i>Antioxidants and Redox Signaling</i> , 2012, 16, 351-362.	2.5	54
279	Development of an Oral Curcumin Nanocrystal Formulation. <i>Journal of Nanotechnology in Engineering and Medicine</i> , 2012, 3, .	0.8	5
280	Improvement of neuropathology and transcriptional deficits in CAG 140 knock-in mice supports a beneficial effect of dietary curcumin in Huntington's disease. <i>Molecular Neurodegeneration</i> , 2012, 7, 12.	4.4	100
281	Dendrimers Bind Antioxidant Polyphenols and cisPlatin Drug. <i>PLoS ONE</i> , 2012, 7, e33102.	1.1	71
282	Nutraceutical Interventions for Promoting Healthy Aging in Invertebrate Models. <i>Oxidative Medicine and Cellular Longevity</i> , 2012, 2012, 1-10.	1.9	32
283	Production of Curcuminoids in Different in vitro Organs of <i>Curcuma longa</i> . <i>Natural Product Communications</i> , 2012, 7, 1934578X1200700.	0.2	4
284	Properties of Lewis Lung Carcinoma Cells Surviving Curcumin Toxicity. <i>Journal of Cancer</i> , 2012, 3, 32-41.	1.2	11
285	Invertible Micellar Polymer Assemblies for Delivery of Poorly Water-Soluble Drugs. <i>Biomacromolecules</i> , 2012, 13, 2537-2545.	2.6	41
286	Fabrication and characterization of curcumin-releasing silk fibroin scaffold. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2012, 100B, 1854-1866.	1.6	52
287	Curcumin Inhibits LPS-Induced CCL2 Expression via JNK Pathway in C6 Rat Astrocytoma Cells. <i>Cellular and Molecular Neurobiology</i> , 2012, 32, 1003-1010.	1.7	45
288	The CB1 Receptor-Mediated Endocannabinoid Signaling and NGF: The Novel Targets of Curcumin. <i>Neurochemical Research</i> , 2012, 37, 1112-1120.	1.6	29
289	In vivo evaluation of curcumin nanoformulation loaded methoxy poly(ethylene glycol)-graft-chitosan composite film for wound healing application. <i>Carbohydrate Polymers</i> , 2012, 88, 84-90.	5.1	100
290	Heating of milk alters the binding of curcumin to casein micelles. A fluorescence spectroscopy study. <i>Food Chemistry</i> , 2012, 132, 1143-1149.	4.2	156
291	Curcumin nanoformulations: a future nanomedicine for cancer. <i>Drug Discovery Today</i> , 2012, 17, 71-80.	3.2	569
292	Beneficial effects of curcumin on antitumor activity and adverse reactions of doxorubicin. <i>International Journal of Pharmaceutics</i> , 2012, 432, 42-49.	2.6	60
293	Protective effect of curcumin on cypermethrin-induced oxidative stress in Wistar rats. <i>Experimental and Toxicologic Pathology</i> , 2012, 64, 487-493.	2.1	110
294	Oral delivery of curcumin bound to chitosan nanoparticles cured <i>Plasmodium yoelii</i> infected mice. <i>Biotechnology Advances</i> , 2012, 30, 310-320.	6.0	181

#	ARTICLE	IF	CITATIONS
295	Rottlerin and curcumin: a comparative analysis. <i>Annals of the New York Academy of Sciences</i> , 2012, 1259, 65-76.	1.8	24
296	Food Technological Applications for Optimal Nutrition: An Overview of Opportunities for the Food Industry. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2012, 11, 2-12.	5.9	82
297	Curcumin prevents chronic alcohol-induced liver disease involving decreasing ROS generation and enhancing antioxidative capacity. <i>Phytotherapy Research</i> , 2012, 19, 545-550.	2.3	87
298	The short-time treatment with curcumin sufficiently decreases cell viability, induces apoptosis and copper enhances these effects in multidrug-resistant K562/A02 cells. <i>Molecular and Cellular Biochemistry</i> , 2012, 360, 253-260.	1.4	30
299	Curcumin-loaded into PLGA nanoparticles. <i>Parasitology Research</i> , 2012, 110, 593-598.	0.6	51
300	Curcumin-loaded solid lipid nanoparticles have prolonged in vitro antitumour activity, cellular uptake and improved in vivo bioavailability. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 111, 367-375.	2.5	220
301	Incorporation of dimethoxycurcumin into charged liposomes and the formation kinetics of fractal aggregates of uncharged vectors. <i>Journal of Liposome Research</i> , 2013, 23, 94-100.	1.5	15
302	Curcumin reduces cisplatin-induced neurotoxicity in NGF-differentiated PC12 cells. <i>NeuroToxicology</i> , 2013, 34, 205-211.	1.4	76
303	Characteristics of curcumin-loaded poly (lactic acid) nanofibers for wound healing. <i>Journal of Materials Science</i> , 2013, 48, 7125-7133.	1.7	116
304	Binding Sites of Resveratrol, Genistein, and Curcumin with Milk $\kappa$ - and $\lambda$ -Caseins. <i>Journal of Physical Chemistry B</i> , 2013, 117, 1287-1295.	1.2	140
305	Prostate cancer chemoprevention in men of African descent: current state of the art and opportunities for future research. <i>Cancer Causes and Control</i> , 2013, 24, 1465-1480.	0.8	1
306	Free and nanoencapsulated curcumin suppress $\beta$ -amyloid-induced cognitive impairments in rats: Involvement of BDNF and Akt/GSK-3 $\beta$ signaling pathway. <i>Neurobiology of Learning and Memory</i> , 2013, 106, 134-144.	1.0	173
307	NMR investigation and theoretical studies on the tautomerism of $\beta$ -tricarboxyl compounds. <i>Tetrahedron</i> , 2013, 69, 8872-8877.	1.0	5
308	Curcuminoid content and antioxidant activity in spray dried microparticles containing turmeric extract. <i>Food Research International</i> , 2013, 50, 657-663.	2.9	67
309	Cinobufacini-induced HeLa cell apoptosis enhanced by curcumin. <i>Science Bulletin</i> , 2013, 58, 2584-2593.	1.7	2
310	Renoprotective effect of the antioxidant curcumin: Recent findings. <i>Redox Biology</i> , 2013, 1, 448-456.	3.9	397
311	Pre-treatment with curcumin modulates acetylcholinesterase activity and proinflammatory cytokines in rats infected with <i>Trypanosoma evansi</i> . <i>Parasitology International</i> , 2013, 62, 144-149.	0.6	18
312	Curcumin ameliorates ethanol-induced memory deficits and enhanced brain nitric oxide synthase activity in mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013, 44, 210-216.	2.5	27

#	ARTICLE	IF	CITATIONS
313	Demethoxycurcumin, a major active curcuminoid from <i>Curcuma longa</i> , suppresses balloon injury induced vascular smooth muscle cell migration and neointima formation: An in vitro and in vivo study. <i>Molecular Nutrition and Food Research</i> , 2013, 57, 1586-1597.	1.5	33
314	Optimization and Validation of High-Performance Liquid Chromatography Method for Individual Curcuminoids in Turmeric by Heat-Refluxed Extraction. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 10911-10918.	2.4	48
315	Superior anticancer efficacy of curcumin-loaded nanoparticles against lung cancer. <i>Acta Biochimica Et Biophysica Sinica</i> , 2013, 45, 634-640.	0.9	25
316	Novel Curcumin-Loaded Magnetic Nanoparticles for Pancreatic Cancer Treatment. <i>Molecular Cancer Therapeutics</i> , 2013, 12, 1471-1480.	1.9	112
317	NRF2 activation is involved in ozonated human serum upregulation of HO-1 in endothelial cells. <i>Toxicology and Applied Pharmacology</i> , 2013, 267, 30-40.	1.3	75
319	Molecular Inclusion Complex of Curcumin- $\beta$ -Cyclodextrin Nanoparticle to Enhance Curcumin Skin Permeability from Hydrophilic Matrix Gel. <i>AAPS PharmSciTech</i> , 2013, 14, 1303-1312.	1.5	192
320	Biocompatible nanotubes as potential carrier for curcumin as a model bioactive compound. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	0.8	27
321	Curcumin Conjugated Silica Nanoparticles for Improving Bioavailability and Its Anticancer Applications. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 130926133947000.	2.4	93
323	Curcumin ameliorates memory deficits via neuronal nitric oxide synthase in aged mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013, 45, 47-53.	2.5	56
324	The natural medications for wound healing "Curcumin, Aloe-Vera and Ginger" do not induce a significant effect on the migration kinematics of cultured fibroblasts. <i>Journal of Biomechanics</i> , 2013, 46, 170-174.	0.9	47
325	Curcumin loaded NIPAAM/VP/PEG-A nanoparticles: physicochemical and chemopreventive properties. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2013, 24, 574-588.	1.9	11
326	Evaluation of Resveratrol, Green Tea Extract, Curcumin, Oxaloacetic Acid, and Medium-Chain Triglyceride Oil on Life Span of Genetically Heterogeneous Mice. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2013, 68, 6-16.	1.7	182
327	Intra- and extracellular antioxidant capacities of the new water-soluble form of curcumin (NDS27) on stimulated neutrophils and HL-60 cells. <i>Chemico-Biological Interactions</i> , 2013, 201, 49-57.	1.7	28
328	Fate of curcumin encapsulated in silica nanoparticle stabilized Pickering emulsion during storage and simulated digestion. <i>Food Research International</i> , 2013, 51, 370-377.	2.9	167
329	Curcumin improves expression of ghrelin through attenuating oxidative stress in gastric tissues of streptozotocin-induced diabetic gastroparesis rats. <i>European Journal of Pharmacology</i> , 2013, 718, 219-225.	1.7	23
330	Curcumin loaded polymeric micelles inhibit breast tumor growth and spontaneous pulmonary metastasis. <i>International Journal of Pharmaceutics</i> , 2013, 443, 175-182.	2.6	138
331	Effects of curcumin intake and aerobic exercise training on arterial compliance in postmenopausal women. <i>Artery Research</i> , 2013, 7, 67.	0.3	26
332	The protective role of curcumin on perfluorooctane sulfonate-induced genotoxicity: Single cell gel electrophoresis and micronucleus test. <i>Food and Chemical Toxicology</i> , 2013, 53, 249-255.	1.8	44

#	ARTICLE	IF	CITATIONS
333	The inhibitory effect of curcumin on voltage-dependent K <sup>+</sup> channels in rabbit coronary arterial smooth muscle cells. <i>Biochemical and Biophysical Research Communications</i> , 2013, 430, 307-312.	1.0	20
334	Synthesis and tubulin-binding properties of non-symmetrical click C5-curcuminoids. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 5510-5517.	1.4	14
335	Effect of Curcumin on the Diffusion Kinetics of a Hemicyanine Dye, LDS-698, across a Lipid Bilayer Probed by Second Harmonic Spectroscopy. <i>Langmuir</i> , 2013, 29, 2912-2918.	1.6	35
336	Is there a role for curcumin in the treatment of bipolar disorder?. <i>Medical Hypotheses</i> , 2013, 80, 606-612.	0.8	20
337	BF <sub>3</sub> ·OEt <sub>2</sub> -promoted concise synthesis of difluoroboron-derivatized curcumins from aldehydes and 2,4-pentanedione. <i>Tetrahedron Letters</i> , 2013, 54, 2070-2073.	0.7	45
338	Effect of preparation conditions on the size and encapsulation properties of mPEG-PLGA nanoparticles simultaneously loaded with vincristine sulfate and curcumin. <i>Pharmaceutical Development and Technology</i> , 2013, 18, 694-700.	1.1	23
339	Skin regenerative potentials of curcumin. <i>BioFactors</i> , 2013, 39, 141-149.	2.6	103
340	Parasitic Helminths of Humans and Animals: Health Impact and Control. <i>SpringerBriefs in Pharmaceutical Science &amp; Drug Development</i> , 2013, , 29-99.	0.4	13
341	Natural Compounds Exerting Anthelmintic and/or Host-Protecting Effects During Parasitic Infections. <i>SpringerBriefs in Pharmaceutical Science &amp; Drug Development</i> , 2013, , 101-125.	0.4	1
342	Development and evaluation of a novel phytosome-loaded chitosan microsphere system for curcumin delivery. <i>International Journal of Pharmaceutics</i> , 2013, 448, 168-174.	2.6	144
343	Novel racemic tetrahydrocurcuminoid dihydropyrimidinone analogues as potent acetylcholinesterase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 2880-2882.	1.0	34
344	Enhanced brain targeting of curcumin by intranasal administration of a thermosensitive poloxamer hydrogel. <i>Journal of Pharmacy and Pharmacology</i> , 2013, 65, 807-816.	1.2	82
345	Hepatoprotective and antioxidant activity of pentagamavunon-0 against carbon tetrachloride-induced hepatic injury in rats. <i>Asian Pacific Journal of Tropical Medicine</i> , 2013, 6, 438-442.	0.4	6
346	Inhibition of Enveloped Viruses Infectivity by Curcumin. <i>PLoS ONE</i> , 2013, 8, e62482.	1.1	119
347	A biodegradable hydrogel system containing curcumin encapsulated in micelles for cutaneous wound healing. <i>Biomaterials</i> , 2013, 34, 6377-6387.	5.7	451
348	Design and biological characterization of hybrid compounds of curcumin and thalidomide for multiple myeloma. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 4757.	1.5	47
349	Synergistic effects of curcumin with emodin against the proliferation and invasion of breast cancer cells through upregulation of miR-34a. <i>Molecular and Cellular Biochemistry</i> , 2013, 382, 103-111.	1.4	97
350	Novel star-type methoxy-poly(ethylene glycol) (PEG)-poly( $\epsilon$ -caprolactone) (PCL) copolymeric nanoparticles for controlled release of curcumin. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	0.8	17

#	ARTICLE	IF	CITATIONS
351	Isoflavonoid Production by Genetically Engineered Microorganisms. , 2013, , 1647-1681.		7
352	Effects of curcumin on the parasite <i>Schistosoma mansoni</i> : A transcriptomic approach. <i>Molecular and Biochemical Parasitology</i> , 2013, 187, 91-97.	0.5	29
353	Improving antiangiogenesis and anti-tumor activity of curcumin by biodegradable polymeric micelles. <i>Biomaterials</i> , 2013, 34, 1413-1432.	5.7	209
354	NMDA GluN2B receptors involved in the antidepressant effects of curcumin in the forced swim test. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013, 40, 12-17.	2.5	35
355	Extraction of natural antioxidants from plant foods. , 2013, , 506-594.		4
356	Diamide Linked $\beta$ -Cyclodextrin Dimers as Molecular-Scale Delivery Systems for the Medicinal Pigment Curcumin to Prostate Cancer Cells. <i>Molecular Pharmaceutics</i> , 2013, 10, 4481-4490.	2.3	27
357	Toxic effects induced by curcumin in human astrocytoma cell lines. <i>Toxicology Mechanisms and Methods</i> , 2013, 23, 650-659.	1.3	15
358	Curcumin-Loaded Biodegradable Electrospun Fibers: Preparation, Characterization, and Differences in Fiber Morphology. <i>International Journal of Polymer Analysis and Characterization</i> , 2013, 18, 534-544.	0.9	7
359	The curry spice curcumin attenuates beta-amyloid-induced toxicity through beta-catenin and PI3K signaling in rat organotypic hippocampal slice culture. <i>Neurological Research</i> , 2013, 35, 857-866.	0.6	21
360	Novel 4-Arm Poly(Ethylene Glycol)-Block-Poly(Anhydride-Esters) Amphiphilic Copolymer Micelles Loading Curcumin: Preparation, Characterization, and In Vitro Evaluation. <i>BioMed Research International</i> , 2013, 2013, 1-11.	0.9	12
361	Application of Nanoparticles on Diagnosis and Therapy in Gliomas. <i>BioMed Research International</i> , 2013, 2013, 1-20.	0.9	62
362	Turmeric (curcumin) remedies gastroprotective action. <i>Pharmacognosy Reviews</i> , 2013, 7, 42.	0.7	41
363	Intersection of Smoking, Human immunodeficiency virus/acquired immunodeficiency syndrome and Cancer: Proceedings of the 8 <sup>th</sup> Annual Texas Conference on Health Disparities. <i>Journal of Carcinogenesis</i> , 2013, 12, 18.	2.5	1
364	Curcumin Protects against 1-Methyl-4-phenylpyridinium Ion- and Lipopolysaccharide-Induced Cytotoxicities in the Mouse Mesencephalic Astrocyte via Inhibiting the Cytochrome P450 2E1. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-13.	0.5	9
365	Curcumin as an Add-On to Antidepressive Treatment. <i>Clinical Neuropharmacology</i> , 2013, 36, 73-77.	0.2	74
366	Curcumin-Targeting Pericellular Serine Protease Matrilysin Role in Suppression of Prostate Cancer Cell Invasion, Tumor Growth, and Metastasis. <i>Cancer Prevention Research</i> , 2013, 6, 495-505.	0.7	43
367	Curcumin Inhibits Transforming Growth Factor- $\beta$ 1-Induced EMT via PPAR $\beta$ Pathway, Not Smad Pathway in Renal Tubular Epithelial Cells. <i>PLoS ONE</i> , 2013, 8, e58848.	1.1	74
368	Determination of Mercury in Ayurvedic Dietary Supplements That Are Not Rasa Shastra Using the Hydra-C Direct Mercury Analyzer. <i>International Journal of Analytical Chemistry</i> , 2013, 2013, 1-4.	0.4	1

#	ARTICLE	IF	CITATIONS
369	Curcumin: a novel therapeutic for burn pain and wound healing. <i>Expert Opinion on Investigational Drugs</i> , 2013, 22, 1295-1303.	1.9	67
370	Binding of curcumin to milk proteins increases after static high pressure treatment of skim milk. <i>Journal of Dairy Research</i> , 2013, 80, 152-158.	0.7	24
371	Curcumin Nanomedicine: A Road to Cancer Therapeutics. <i>Current Pharmaceutical Design</i> , 2013, 19, 1994-2010.	0.9	70
372	Epigenetic Modifications by Dietary Phytochemicals in Cancer Prevention. , 2013, , 577-588.		0
373	Safety and efficacy of an add-on therapy with curcumin phytosome and piperine and/or lipoic acid in subjects with a diagnosis of peripheral neuropathy treated with dexibuprofen. <i>Journal of Pain Research</i> , 2013, 6, 497.	0.8	42
374	Novel tumor-targeting, self-assembling peptide nanofiber as a carrier for effective curcumin delivery. <i>International Journal of Nanomedicine</i> , 2014, 9, 197.	3.3	67
375	Extension of lifespan and protection against oxidative stress by an antioxidant herb mixture complex (KPG-7) in <i>Caenorhabditis elegans</i> . <i>Journal of Clinical Biochemistry and Nutrition</i> , 2013, 53, 81-88.	0.6	28
376	Curcumin attenuated paracetamol overdose induced hepatitis. <i>World Journal of Gastroenterology</i> , 2013, 19, 1962.	1.4	41
377	Curcumin Modulates the Inflammatory Response and Inhibits Subsequent Fibrosis in a Mouse Model of Viral-induced Acute Respiratory Distress Syndrome. <i>PLoS ONE</i> , 2013, 8, e57285.	1.1	119
378	Applications of Nanosystems to Anticancer Drug Therapy (Part II. Dendrimers, Micelles, Lipid-based) <i>TJ ETQq1 1 0.784314 rgBT /Overlo</i>	0.8	29
379	Use of Novel Polyurethane Microspheres in a Curcumin Delivery System. <i>Journal of Spectroscopy</i> , 2014, 2014, 1-7.	0.6	5
380	Effects of curcumin on ion channels and transporters. <i>Frontiers in Physiology</i> , 2014, 5, 94.	1.3	67
381	A new acylated luteolin glycoside from <i>Curcuma Longa</i> L. and free radical scavenging potential of its extracts. <i>Journal of Medicinal Plants Research</i> , 2014, 8, 1-5.	0.2	6
382	Bioavailability Studies of BioTurmin-WD (Water Dispersible Curcuminoids) Using Caco-2 Cell Model. <i>Journal of Food Research</i> , 2014, 3, 158.	0.1	1
383	Recent Study of Turmeric in Combination with Garlic as Antidiabetic Agent. <i>Procedia Chemistry</i> , 2014, 13, 44-56.	0.7	9
384	NDS27 combines the effect of curcumin lysinate and hydroxypropyl- $\beta$ -cyclodextrin to inhibit equine PKC $\zeta$ and NADPH oxidase involved in the oxidative burst of neutrophils. <i>FEBS Open Bio</i> , 2014, 4, 1021-1029.	1.0	7
385	Effects of Antioxidants on Periodontal Disease. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2014, , 279-305.	0.4	0
386	A Review on Antibacterial, Antiviral, and Antifungal Activity of Curcumin. <i>BioMed Research International</i> , 2014, 2014, 1-12.	0.9	750

#	ARTICLE	IF	CITATIONS
387	Curcumin sensitizes glioblastoma to temozolomide by simultaneously generating ROS and disrupting AKT/mTOR signaling. <i>Oncology Reports</i> , 2014, 32, 1610-1616.	1.2	65
388	Hepatoprotective effect of curcumin and alpha-tocopherol against cisplatin-induced oxidative stress. <i>BMC Complementary and Alternative Medicine</i> , 2014, 14, 111.	3.7	92
390	Carbon dots prepared from ginger exhibiting efficient inhibition of human hepatocellular carcinoma cells. <i>Journals of Materials Chemistry B</i> , 2014, 2, 4564.	2.9	258
391	Near-Infrared Reflectance Spectroscopy as a Rapid and Non-destructive Analysis Tool for Curcuminoids in Turmeric. <i>Phytochemical Analysis</i> , 2014, 25, 445-452.	1.2	18
392	Inhibition of Osteoclast Differentiation by Gold Nanoparticles Functionalized with Cyclodextrin Curcumin Complexes. <i>ACS Nano</i> , 2014, 8, 12049-12062.	7.3	109
393	Biochemical Stabilization of Glucagon at Alkaline pH. <i>Diabetes Technology and Therapeutics</i> , 2014, 16, 747-758.	2.4	14
394	Immunohistochemical and molecular study on the protective effect of curcumin against hepatic toxicity induced by paracetamol in Wistar rats. <i>BMC Complementary and Alternative Medicine</i> , 2014, 14, 457.	3.7	48
395	Microencapsulation of curcumin in PLGA microcapsules by coaxial flow focusing. <i>Proceedings of SPIE</i> , 2014, , .	0.8	0
396	Bioprospecting of Plant Essential Oils for Medicinal Uses. , 2014, , 59-76.		11
397	Nutritional Supplements and Functional Foods. , 2014, , 13-39.		4
398	Protective effect of curcumin on cyclosporin A-induced endothelial dysfunction, antioxidant capacity, and oxidative damage. <i>Toxicology and Industrial Health</i> , 2014, 30, 316-327.	0.6	20
399	Electropolymerization of curcumin on glassy carbon electrode and its electrocatalytic application for the voltammetric determination of epinephrine and p-acetoaminophenol. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 116, 674-680.	2.5	33
400	Turmeric ( <i>Curcuma longa</i> L.) drying: an optimization approach using microwave-vacuum drying. <i>Journal of Food Science and Technology</i> , 2014, 51, 2127-2133.	1.4	45
401	GC-MS combined with chemometric techniques for the quality control and original discrimination of <i>Curcuma longa</i> rhizome: Analysis of essential oils. <i>Journal of Separation Science</i> , 2014, 37, 404-411.	1.3	56
402	Curcumin nanoformulations: A review of pharmaceutical properties and preclinical studies and clinical data related to cancer treatment. <i>Biomaterials</i> , 2014, 35, 3365-3383.	5.7	698
403	Development of bioactive edible film from turmeric dye solvent extraction residue. <i>LWT - Food Science and Technology</i> , 2014, 56, 269-277.	2.5	41
404	Anti-tumor activities of matrine and oxymatrine: literature review. <i>Tumor Biology</i> , 2014, 35, 5111-5119.	0.8	186
405	Fabrication of quercetin and curcumin bionanovesicles for the prevention and rapid regeneration of full-thickness skin defects on mice. <i>Acta Biomaterialia</i> , 2014, 10, 1292-1300.	4.1	119



#	ARTICLE	IF	CITATIONS
406	Dietary antiaging phytochemicals and mechanisms associated with prolonged survival. <i>Journal of Nutritional Biochemistry</i> , 2014, 25, 581-591.	1.9	147
407	Green synthesis of gold nanoparticles using <i>Curcuma pseudomontana</i> essential oil, its biological activity and cytotoxicity against human ductal breast carcinoma cells T47D. <i>Journal of Environmental Chemical Engineering</i> , 2014, 2, 2037-2044.	3.3	58
408	Efficacy of Curcumin in the healing of paracentesis in rats. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2014, 78, 280-284.	0.4	6
409	Antimicrobial and release study of drug loaded PVA/PEO/CMC wound dressings. <i>Journal of Materials Science: Materials in Medicine</i> , 2014, 25, 1613-1622.	1.7	28
410	Cold column trapping-cloud point extraction coupled to high performance liquid chromatography for preconcentration and determination of curcumin in human urine. <i>Analytica Chimica Acta</i> , 2014, 826, 35-42.	2.6	33
411	Inflamed moods: A review of the interactions between inflammation and mood disorders. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014, 53, 23-34.	2.5	468
412	The Protective Effect of Curcumin on Hepatotoxicity and Ultrastructural Damage Induced by Cisplatin. <i>Ultrastructural Pathology</i> , 2014, 38, 358-362.	0.4	17
413	Effects of curcumin on chronic, unpredictable, mild, stress-induced depressive-like behaviour and structural plasticity in the lateral amygdala of rats. <i>International Journal of Neuropsychopharmacology</i> , 2014, 17, 793-806.	1.0	93
414	Curcumin induces apoptosis in human neuroblastoma cells via inhibition of AKT and Foxo3a nuclear translocation. <i>Free Radical Research</i> , 2014, 48, 1397-1408.	1.5	32
415	Synthesis and anticervical cancer activity of novel pH responsive micelles for oral curcumin delivery. <i>International Journal of Pharmaceutics</i> , 2014, 477, 261-272.	2.6	46
416	pH-controlled delivery of curcumin from a compartmentalized solid lipid nanoparticle@mesostructured silica matrix. <i>Journal of Materials Chemistry B</i> , 2014, 2, 7910-7917.	2.9	56
417	Thermo-responsive release of curcumin from micelles prepared by self-assembly of amphiphilic P(NIPAAm-co-DMAAm)-b-PLLA-b-P(NIPAAm-co-DMAAm) triblock copolymers. <i>International Journal of Pharmaceutics</i> , 2014, 476, 31-40.	2.6	41
418	A validated LC-MS/MS method for quantitative analysis of curcumin in mouse plasma and brain tissue and its application in pharmacokinetic and brain distribution studies. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 969, 101-108.	1.2	60
419	Insights into hydrophobic molecule release from polyelectrolyte multilayer films using in situ and ex situ techniques. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 22409-22417.	1.3	9
420	Histological studies of neuroprotective effects of <i>Curcuma longa</i> Linn. on neuronal loss induced by dexamethasone treatment in the rat hippocampus. <i>Acta Histochemica</i> , 2014, 116, 1443-1453.	0.9	13
421	Synthesis and characterization of new biologically active palladium(II) complexes with (1E,6E)-1,7-bis(3,4-diethoxyphenyl)-1,6-heptadiene-3,5-dione. <i>Inorganic Chemistry Communication</i> , 2014, 46, 229-233.	1.8	19
422	Changes in urinary metabolic profile after oral administration of curcuma extract in rats. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 100, 348-356.	1.4	12
423	A status review on the medicinal properties of essential oils. <i>Industrial Crops and Products</i> , 2014, 62, 250-264.	2.5	826



#	ARTICLE	IF	CITATIONS
424	Opposite angiogenic outcome of curcumin against ischemia and Lewis lung cancer models: in silico, in vitro and in vivo studies. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 1742-1754.	1.8	31
425	Interaction of the dietary pigment curcumin with hemoglobin: energetics of the complexation. <i>Food and Function</i> , 2014, 5, 1949-1955.	2.1	36
426	Physico-chemical state influences in vitro release profile of curcumin from pectin beads. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 121, 290-298.	2.5	36
427	Unraveling the mechanism of neuroprotection of curcumin in arsenic induced cholinergic dysfunctions in rats. <i>Toxicology and Applied Pharmacology</i> , 2014, 279, 428-440.	1.3	59
428	Plant Secondary Metabolites. <i>Studies in Natural Products Chemistry</i> , 2014, 42, 267-304.	0.8	38
429	Potential pharmacological strategies for the improved treatment of organophosphate-induced neurotoxicity. <i>Canadian Journal of Physiology and Pharmacology</i> , 2014, 92, 893-911.	0.7	34
430	In vitro activity of curcumin in combination with epigallocatechin gallate (EGCG) versus multidrug-resistant <i>Acinetobacter baumannii</i> . <i>BMC Microbiology</i> , 2014, 14, 172.	1.3	84
431	Evaluation of imidacloprid-induced neurotoxicity in male rats: A protective effect of curcumin. <i>Neurochemistry International</i> , 2014, 78, 122-129.	1.9	83
432	Fruitful Decade for Antileishmanial Compounds from 2002 to Late 2011. <i>Chemical Reviews</i> , 2014, 114, 10369-10428.	23.0	126
433	Curcumin as a wound healing agent. <i>Life Sciences</i> , 2014, 116, 1-7.	2.0	447
434	Curcumin-mediated oxidative stress resistance in <i>Caenorhabditis elegans</i> is modulated by <i>age-1</i> , <i>akt-1</i> , <i>pdk-1</i> , <i>osr-1</i> , <i>unc-43</i> , <i>sek-1</i> , <i>skn-1</i> , <i>sir-2.1</i> , and <i>mev-1</i> . <i>Free Radical Research</i> , 2014, 48, 371-379.	1.5	42
435	A Magnetically Drivable Nanovehicle for Curcumin with Antioxidant Capacity and MRI Relaxation Properties. <i>Chemistry - A European Journal</i> , 2014, 20, 11913-11920.	1.7	48
436	The effect of different desolvating agents on BSA nanoparticle properties and encapsulation of curcumin. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	0.8	81
437	The effects of curcumin on depressive-like behavior in mice after lipopolysaccharide administration. <i>Behavioural Brain Research</i> , 2014, 274, 282-290.	1.2	79
438	Promotion of Full Thickness Wound Healing Using Epigallocatechin Gallate/Poly (Lactic Acid) Membrane as Temporary Wound Dressing. <i>Artificial Organs</i> , 2014, 38, 411-417.	1.0	29
439	Study of curcumin immunomodulatory effects on reactive astrocyte cell function. <i>International Immunopharmacology</i> , 2014, 22, 230-235.	1.7	71
440	Transdermal delivery of the in situ hydrogels of curcumin and its inclusion complexes of hydroxypropyl- $\beta$ -cyclodextrin for melanoma treatment. <i>International Journal of Pharmaceutics</i> , 2014, 469, 31-39.	2.6	94
441	Curcumin-loaded guanidine functionalized PEGylated I3ad mesoporous silica nanoparticles KIT-6: Practical strategy for the breast cancer therapy. <i>European Journal of Medicinal Chemistry</i> , 2014, 83, 646-654.	2.6	96

#	ARTICLE	IF	CITATIONS
442	Molecular docking studies of curcumin natural derivatives with DNA topoisomerase I and II-DNA complexes. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , 2014, 6, 285-291.	2.2	34
443	Detection and classification of host-guest interactions using $\beta$ -cyclodextrin-decorated carbon nanotube-based chemiresistors. <i>Current Applied Physics</i> , 2014, 14, 1649-1658.	1.1	12
444	Characterization of casein and poly-L-arginine multilayer films. <i>Journal of Colloid and Interface Science</i> , 2014, 423, 76-84.	5.0	24
445	Prenylation preserves antioxidant properties and effect on cell viability of the natural dietary phenol curcumin. <i>Food Research International</i> , 2014, 57, 225-233.	2.9	14
446	Synthesis, cytotoxicity against human oral cancer KB cells and structure-activity relationship studies of trienone analogues of curcuminoids. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 2839-2844.	1.0	44
447	Curcumin induced up-regulation of Myelin basic protein (MBP) ameliorates sodium arsenite induced neurotoxicity in developing rat cerebellum. <i>Journal of the Anatomical Society of India</i> , 2014, 63, 3-11.	0.1	6
448	Enhanced stability of curcumin in colloidosomes stabilized by silica aggregates. <i>LWT - Food Science and Technology</i> , 2014, 58, 667-671.	2.5	20
449	Linolenic acid-modified PEG-PCL micelles for curcumin delivery. <i>International Journal of Pharmaceutics</i> , 2014, 471, 312-321.	2.6	84
450	Development and characterization of ultra-porous silica films made by the sol-gel method. Application to biosensing. <i>Applied Physics A: Materials Science and Processing</i> , 2014, 114, 435-443.	1.1	1
451	Preparation and In Vitro Evaluation of Glycyrrhetic Acid-Modified Curcumin-Loaded Nanostructured Lipid Carriers. <i>Molecules</i> , 2014, 19, 2445-2457.	1.7	25
452	Epithelial cell adhesion molecule aptamer functionalized PLGA-lecithin-curcumin-PEG nanoparticles for targeted drug delivery to human colorectal adenocarcinoma cells. <i>International Journal of Nanomedicine</i> , 2014, 9, 1083.	3.3	72
453	Self-Assembled Nanoparticles of Glycyrrhetic Acid-Modified Pullulan as a Novel Carrier of Curcumin. <i>Molecules</i> , 2014, 19, 13305-13318.	1.7	43
454	Enhancing Curcumin Anticancer Efficacy Through Di-Block Copolymer Micelle Encapsulation. <i>Journal of Biomedical Nanotechnology</i> , 2014, 10, 179-193.	0.5	20
455	Curcumin suppresses cell proliferation through inhibition of the Wnt/ $\beta$ -catenin signaling pathway in medulloblastoma. <i>Oncology Reports</i> , 2014, 32, 173-180.	1.2	47
456	Chronic Supplementation of Curcumin Enhances the Efficacy of Antidepressants in Major Depressive Disorder. <i>Journal of Clinical Psychopharmacology</i> , 2015, 35, 406-410.	0.7	101
457	Microglial HO-1 induction by curcumin provides antioxidant, antineuroinflammatory, and glioprotective effects. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 1690-1700.	1.5	69
458	Curcumin protects renal tubular epithelial cells from high glucose-induced epithelial-to-mesenchymal transition through Nrf2-mediated upregulation of heme oxygenase-1. <i>Molecular Medicine Reports</i> , 2015, 12, 1347-1355.	1.1	61
459	Establishment of tandem mass spectrometric fingerprint of novel antineoplastic curcumin analogues using electrospray ionization. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 1307-1316.	0.7	5

#	ARTICLE	IF	CITATIONS
460	Antioxidants in liver health. <i>World Journal of Gastrointestinal Pharmacology and Therapeutics</i> , 2015, 6, 59.	0.6	93
461	The Impact of Turmeric Cream on Healing of Cesarean Scar. <i>West Indian Medical Journal</i> , 2015, 64, 400-6.	0.4	7
462	Fluorination Effects on NOS Inhibitory Activity of Pyrazoles Related to Curcumin. <i>Molecules</i> , 2015, 20, 15643-15665.	1.7	20
463	Codelivery of SH-aspirin and curcumin by mPEG-PLGA nanoparticles enhanced antitumor activity by inducing mitochondrial apoptosis. <i>International Journal of Nanomedicine</i> , 2015, 10, 5205.	3.3	30
464	Exploration of natural product ingredients as inhibitors of human HMG-CoA reductase through structure-based virtual screening. <i>Drug Design, Development and Therapy</i> , 2015, 9, 3313.	2.0	21
465	Curcumin Prevents Palmitoylation of Integrin $\beta 4$ in Breast Cancer Cells. <i>PLoS ONE</i> , 2015, 10, e0125399.	1.1	31
466	Up-Regulatory Effects of Curcumin on Large Conductance $Ca^{2+}$ -Activated $K^{+}$ Channels. <i>PLoS ONE</i> , 2015, 10, e0144800.	1.1	14
467	Natural product-based nanomedicine: recent advances and issues. <i>International Journal of Nanomedicine</i> , 2015, 10, 6055.	3.3	189
468	Curcumin combined with FAP $\beta$ c vaccine elicits effective antitumor response by targeting indolamine-2,3-dioxygenase and inhibiting EMT induced by TNF- $\alpha$ in melanoma. <i>Oncotarget</i> , 2015, 6, 25932-25942.	0.8	39
469	Polydiacetylene Nanovesicles as Carriers of Natural Phenylpropanoids for Creating Antimicrobial Food-Contact Surfaces. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 2557-2565.	2.4	39
470	Evaluation of phenolic profile, antioxidant and anticancer potential of two main representants of Zingiberaceae family against B164A5 murine melanoma cells. <i>Biological Research</i> , 2015, 48, 1.	1.5	129
471	Intrathecal curcumin attenuates pain hypersensitivity and decreases spinal neuroinflammation in rat model of monoarthritis. <i>Scientific Reports</i> , 2015, 5, 10278.	1.6	66
472	A new role of curcumin: as a multicolor photoinitiator for polymer fabrication under household UV to red LED bulbs. <i>Polymer Chemistry</i> , 2015, 6, 5053-5061.	1.9	95
473	The Emergence of Polyphenols in the Potentiation of Treatment Modality in Cystic Fibrosis. , 2015, , 159-169.		0
474	Tolerability of the combination of ginger ( <i>Zingiber officinalis</i> ), gentian ( <i>Gentiana lutea</i> ) and turmeric ( <i>Curcuma longa</i> ) in patients with cancer-associated anorexia. <i>Journal of Complementary and Integrative Medicine</i> , 2015, 12, 57-60.	0.4	4
475	Development of Green Dual Polymers for Antibacterial Applications. <i>Polymer-Plastics Technology and Engineering</i> , 2015, 54, 1715-1722.	1.9	4
476	Estimation of daily curcuminoid intake from commercial curry products. <i>Journal of the Korean Society for Applied Biological Chemistry</i> , 2015, 58, 677-684.	0.9	2
477	Submicron complex lipid carriers for curcumin delivery to intestinal epithelial cells: Effect of different emulsifiers on bioaccessibility and cell uptake. <i>International Journal of Pharmaceutics</i> , 2015, 494, 357-369.	2.6	32

#	ARTICLE	IF	CITATIONS
478	Orally Administered Chitosan-Coated Polycaprolactone Nanoparticles Containing Curcumin Attenuate Metastatic Melanoma in the Lungs. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 3524-3534.	1.6	36
479	Curcumin and tumor immune-editing: resurrecting the immune system. <i>Cell Division</i> , 2015, 10, 6.	1.1	105
480	Biological and therapeutic activities, and anticancer properties of curcumin. <i>Experimental and Therapeutic Medicine</i> , 2015, 10, 1615-1623.	0.8	222
481	Polyphenols, Nerve Growth Factor, Brain-Derived Neurotrophic Factor, and the Brain. , 2015, , 65-71.		7
482	Injectable in situ forming chitosan-based hydrogels for curcumin delivery. <i>Macromolecular Research</i> , 2015, 23, 53-59.	1.0	35
483	Targeted Integration of RNA-Seq and Metabolite Data to Elucidate Curcuminoid Biosynthesis in Four <i>Curcuma</i> Species. <i>Plant and Cell Physiology</i> , 2015, 56, 843-851.	1.5	9
484	Soy Î <sup>2</sup> -Conglycininâ”Curcumin Nanocomplexes for Enrichment of Clear Beverages. <i>Food Biophysics</i> , 2015, 10, 195-206.	1.4	38
485	Magnetic Purification of Curcumin from <i>Curcuma longa</i> Rhizome by Novel Naked Maghemite Nanoparticles. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 912-920.	2.4	21
486	Protein Lysine Acetylation by p300/CBP. <i>Chemical Reviews</i> , 2015, 115, 2419-2452.	23.0	398
487	Surface modification of titanium with curcumin: a promising strategy to combat fibrous encapsulation. <i>Journal of Materials Chemistry B</i> , 2015, 3, 2137-2146.	2.9	31
488	A highly porous medical metalâ”organic framework constructed from bioactive curcumin. <i>Chemical Communications</i> , 2015, 51, 5774-5777.	2.2	120
489	Stable Isotope Labeling Strategy for Curcumin Metabolite Study in Human Liver Microsomes by Liquid Chromatography-Tandem Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2015, 26, 686-694.	1.2	17
490	Galactosylated pullulanâ”curcumin conjugate micelles for site specific anticancer activity to hepatocarcinoma cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 133, 347-355.	2.5	43
491	Virucidal efficacy of treatment with photodynamically activated curcumin on murine norovirus bio-accumulated in oysters. <i>Photodiagnosis and Photodynamic Therapy</i> , 2015, 12, 385-392.	1.3	57
492	Modulation of Kv2.1 channels inactivation by curcumin. <i>Pharmacological Reports</i> , 2015, 67, 1273-1279.	1.5	9
493	Design, synthesis, and evaluation of semi-conservative mono-carbonyl analogs of curcumin as anti-inflammatory agents against lipopolysaccharide-induced acute lung injury. <i>MedChemComm</i> , 2015, 6, 1544-1553.	3.5	4
494	Gum arabic-curcumin conjugate micelles with enhanced loading for curcumin delivery to hepatocarcinoma cells. <i>Carbohydrate Polymers</i> , 2015, 134, 167-174.	5.1	88
495	Curcumin pretreatment mediates antidiabetogenesis via functional regulation of adrenergic receptor subtypes in the pancreas of multiple low-dose streptozotocin-induced diabetic rats. <i>Nutrition Research</i> , 2015, 35, 823-833.	1.3	18

#	ARTICLE	IF	CITATIONS
496	Physico-chemical characterization and cytotoxicity evaluation of curcumin loaded in chitosan/chondroitin sulfate nanoparticles. <i>Materials Science and Engineering C</i> , 2015, 56, 294-304.	3.8	79
497	Synthesis, biological evaluation and QSAR studies of diarylpentanoid analogues as potential nitric oxideinhibitors. <i>MedChemComm</i> , 2015, 6, 1069-1080.	3.5	26
498	Anti-inflammatory activity of curcumin-loaded solid lipid nanoparticles in IL-1 $\beta$ transgenic mice subjected to the lipopolysaccharide-induced sepsis. <i>Biomaterials</i> , 2015, 53, 475-483.	5.7	159
499	Curcumin supplementation likely attenuates delayed onset muscle soreness (DOMS). <i>European Journal of Applied Physiology</i> , 2015, 115, 1769-1777.	1.2	102
500	A multi-targeted approach to suppress tumor-promoting inflammation. <i>Seminars in Cancer Biology</i> , 2015, 35, S151-S184.	4.3	95
501	Effect of Various Levels of Dietary Curcumin on Meat Quality and Antioxidant Profile of Breast Muscle in Broilers. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 3880-3886.	2.4	74
502	Syntheses and characterizations of two curcumin-based cocrystals. <i>Inorganic Chemistry Communication</i> , 2015, 55, 92-95.	1.8	29
503	High-frequency callus organogenesis, large-scale cultivation and assessment of clonal fidelity of regenerated plants of <i>Curcuma caesia</i> Roxb., an important source of camphor. <i>Agroforestry Systems</i> , 2015, 89, 779-788.	0.9	9
504	Effects of <i>Curcuma</i> extract and visible light on adults with plaque psoriasis. <i>European Journal of Dermatology</i> , 2015, 25, 240-246.	0.3	31
505	The reversal of antineoplastic drug resistance in cancer cells by $\beta$ -elemene. <i>Chinese Journal of Cancer</i> , 2015, 34, 488-95.	4.9	28
506	A polymeric nanoparticle formulation of curcumin in combination with sorafenib synergistically inhibits tumor growth and metastasis in an orthotopic model of human hepatocellular carcinoma. <i>Biochemical and Biophysical Research Communications</i> , 2015, 468, 525-532.	1.0	59
507	Chemical conjugation of 2-hexadecynoic acid to C5-curcumin enhances its antibacterial activity against multi-drug resistant bacteria. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 5067-5071.	1.0	11
508	Self-microemulsifying drug delivery system of curcumin with enhanced solubility and bioavailability using a new semi-synthetic bicephalous heterolipid: in vitro and in vivo evaluation. <i>RSC Advances</i> , 2015, 5, 90295-90306.	1.7	33
509	Solid Lipid Nanoparticle - Functional Template of Meso-Macrostructured Silica Materials. <i>ACS Symposium Series</i> , 2015, , 269-283.	0.5	1
510	Investigating the effect of gallium curcumin and gallium diacetylcurcumin complexes on the structure, function and oxidative stability of the peroxidase enzyme and their anticancer and antibacterial activities. <i>Journal of Biological Inorganic Chemistry</i> , 2015, 20, 1135-1146.	1.1	15
511	Therapeutic Applications of Curcumin Nanoformulations. <i>AAPS Journal</i> , 2015, 17, 1341-1356.	2.2	262
512	Enhanced Bioavailability and Anticancer Effect of Curcumin-Loaded Electrospun Nanofiber: In Vitro and In Vivo Study. <i>Nanoscale Research Letters</i> , 2015, 10, 439.	3.1	86
513	Curcumin phytosomal softgel formulation: Development, optimization and physicochemical characterization. <i>Acta Pharmaceutica</i> , 2015, 65, 285-297.	0.9	27

#	ARTICLE	IF	CITATIONS
514	Linear-dendrimer type methoxy-poly (ethylene glycol)-b-poly (É-caprolactone) copolymer micelles for the delivery of curcumin. <i>Drug Delivery</i> , 2015, 22, 58-68.	2.5	23
515	Antimicrobial activity of turmeric extract and its potential use in food industry. <i>Journal of Food Science and Technology</i> , 2015, 52, 2272-2279.	1.4	105
516	Preparation, characterization, in vitro release, and pharmacokinetic studies of curcumin-loaded mPEGâ€PVL nanoparticles. <i>Polymer Bulletin</i> , 2015, 72, 75-91.	1.7	15
517	Enhanced Oral Delivery of Curcumin from N-trimethyl Chitosan Surface-Modified Solid Lipid Nanoparticles: Pharmacokinetic and Brain Distribution Evaluations. <i>Pharmaceutical Research</i> , 2015, 32, 389-402.	1.7	165
518	Curcumin: A pleiotropic phytonutrient in diabetic complications. <i>Nutrition</i> , 2015, 31, 276-282.	1.1	32
519	Transthyretin complexes with curcumin and bromo-estradiol: evaluation of solubilizing multicomponent mixtures. <i>New Biotechnology</i> , 2015, 32, 54-64.	2.4	33
520	Validation of an Ultravioletâ€visible (UVâ€Vis) technique for the quantitative determination of curcumin in poly(l-lactic acid) nanoparticles. <i>Food Chemistry</i> , 2015, 172, 99-104.	4.2	86
521	Dual-drug delivery of curcumin and platinum drugs in polymeric micelles enhances the synergistic effects: a double act for the treatment of multidrug-resistant cancer. <i>Biomaterials Science</i> , 2015, 3, 163-174.	2.6	129
522	Curcumin-loaded solid lipid nanoparticles with Brij78 and TPGS improved <i>in vivo</i> oral bioavailability and <i>in situ</i> intestinal absorption of curcumin. <i>Drug Delivery</i> , 2016, 23, 459-470.	2.5	129
523	Effects and mechanisms of curcumin on the hemodynamic variables of isolated perfused rat hearts. <i>Turkish Journal of Medical Sciences</i> , 2016, 46, 166-173.	0.4	4
524	Physicochemical/photophysical characterization and angiogenic properties of <i>Curcuma longa</i> essential oil. <i>Anais Da Academia Brasileira De Ciencias</i> , 2016, 88, 1889-1897.	0.3	14
525	Antibacterial Action of Curcumin against <i>Staphylococcus aureus</i> : A Brief Review. <i>Journal of Tropical Medicine</i> , 2016, 2016, 1-10.	0.6	208
526	Improving bioavailability of nutraceuticals by nanoemulsification. , 2016, , 481-534.		3
527	Antidepressant effects of curcumin and HU-211 coencapsulated solid lipid nanoparticles against corticosterone-induced cellular and animal models of major depression. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 4975-4990.	3.3	51
528	Evaluation of Turmeric Powder Adulterated with Metanil Yellow Using FT-Raman and FT-IR Spectroscopy. <i>Foods</i> , 2016, 5, 36.	1.9	93
529	The Role of Natural Polyphenols in the Prevention and Treatment of Cervical Cancerâ€An Overview. <i>Molecules</i> , 2016, 21, 1055.	1.7	72
530	Curcumin Ameliorates the Reduction Effect of PGE2 on Fibrillar Î²-Amyloid Peptide (1-42)-Induced Microglial Phagocytosis through the Inhibition of EP2-PKA Signaling in N9 Microglial Cells. <i>PLoS ONE</i> , 2016, 11, e0147721.	1.1	17
531	Phytochemicals Mediate the Expression and Activity of OCTN2 as Activators of the PPARÎ³/RXRÎ± Pathway. <i>Frontiers in Pharmacology</i> , 2016, 7, 189.	1.6	13

#	ARTICLE	IF	CITATIONS
532	Curcumin Inhibits Transforming Growth Factor $\beta$ 2 Induced Differentiation of Mouse Lung Fibroblasts to Myofibroblasts. <i>Frontiers in Pharmacology</i> , 2016, 7, 419.	1.6	23
533	Drug-Induced Liver Toxicity and Prevention by Herbal Antioxidants: An Overview. <i>Frontiers in Physiology</i> , 2015, 6, 363.	1.3	141
534	Self-assembled nanoparticles based on amphiphilic chitosan derivative and arginine for oral curcumin delivery. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 4397-4412.	3.3	38
535	Research in Phytoconstituents for Treatment of Wounds. , 0, , .		1
536	Curcumin Induces Pancreatic Adenocarcinoma Cell Death Via Reduction of the Inhibitors of Apoptosis. <i>Pancreas</i> , 2016, 45, 101-109.	0.5	42
537	Targeting Different Transthyretin Binding Sites with Unusual Natural Compounds. <i>ChemMedChem</i> , 2016, 11, 1865-1874.	1.6	16
538	Autochthonous self-assembly of nature's nanomaterials: green, parsimonious and antibacterial carbon nanofilms on glass. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 18670-18677.	1.3	3
539	Iron oxide and gold nanoparticles in cancer therapy. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	4
540	Multispectroscopic analysis and molecular modeling to investigate the binding of beta lactoglobulin with curcumin derivatives. <i>RSC Advances</i> , 2016, 6, 112175-112183.	1.7	33
541	The Anti-Inflammatory and Antioxidant Effects of Curcumin in Middle Ear Infection. <i>Journal of Craniofacial Surgery</i> , 2016, 27, e494-e497.	0.3	7
542	Multivariate analysis and molecular interaction of curcumin with PPAR $\beta$ 3 in high fructose diet induced insulin resistance in rats. <i>SpringerPlus</i> , 2016, 5, 1732.	1.2	14
543	Antioxidant properties of curcuminoids isolated from <i>Curcuma longa</i> L. <i>Acta Chimica Slovaca</i> , 2016, 9, 130-135.	0.5	19
544	Influence of mulching and irrigation scheduling on productivity and water use of turmeric ( <i>Curcuma</i> ) Tj ETQq0 0 0 rgt /Overlock 10 Tf	1.3	34
545	Use of Polyphenolic Compounds in Dermatologic Oncology. <i>American Journal of Clinical Dermatology</i> , 2016, 17, 369-385.	3.3	21
546	Preparation, characterization and biological evaluation of curcumin loaded alginate aldehyde-gelatin nanogels. <i>Materials Science and Engineering C</i> , 2016, 68, 251-257.	3.8	111
547	Concanavaline A conjugated bacterial polyester-based PHBHHx nanoparticles loaded with curcumin for breast cancer therapy. <i>Journal of Microencapsulation</i> , 2016, 33, 274-285.	1.2	17
548	Curcumin induced apoptosis via PI3K/Akt-signalling pathways in SKOV3 cells. <i>Pharmaceutical Biology</i> , 2016, 54, 2026-2032.	1.3	33
549	Systematic and comprehensive investigation of the toxicity of curcuminoid-essential oil complex: A bioavailable turmeric formulation. <i>Molecular Medicine Reports</i> , 2016, 13, 592-604.	1.1	69



#	ARTICLE	IF	CITATIONS
550	Stabilization of Natural Antioxidants by Silk Biomaterials. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 13573-13582.	4.0	30
551	Curcumin Reduces the Motility of <i>Salmonella enterica</i> Serovar Typhimurium by Binding to the Flagella, Thereby Leading to Flagellar Fragility and Shedding. <i>Journal of Bacteriology</i> , 2016, 198, 1798-1811.	1.0	27
552	Curcumin Suppresses Proliferation and Migration and Induces Apoptosis on Human Placental Choriocarcinoma Cells via ERK1/2 and SAPK/JNK MAPK Signaling Pathways. <i>Biology of Reproduction</i> , 2016, 95, 83-83.	1.2	38
553	PCL-PEG graft copolymers with tunable amphiphilicity as efficient drug delivery systems. <i>Journal of Materials Chemistry B</i> , 2016, 4, 6228-6239.	2.9	38
554	Curcumin ameliorates high-fat diet-induced spermatogenesis dysfunction. <i>Molecular Medicine Reports</i> , 2016, 14, 3588-3594.	1.1	29
555	Enhancement of bioactivity and bioavailability of curcumin with chitosan based materials. <i>Korean Journal of Chemical Engineering</i> , 2016, 33, 3316-3329.	1.2	14
556	Mucus-Penetrating Nanosuspensions for Enhanced Delivery of Poorly Soluble Drugs to Mucosal Surfaces. <i>Advanced Healthcare Materials</i> , 2016, 5, 2745-2750.	3.9	31
557	Natural Tetrahydrocurcumin in Multi-Component Synthesis of 1,4-Dihydropyridine Derivatives. <i>Heterocycles</i> , 2016, 92, 1512.	0.4	4
558	Fabrication and vibration characterization of curcumin extracted from turmeric ( <i>Curcuma longa</i> ) rhizomes of the northern Vietnam. <i>SpringerPlus</i> , 2016, 5, 1147.	1.2	86
559	Curcumin-Mediated Photodynamic Inactivation of Norovirus Surrogates. <i>Food and Environmental Virology</i> , 2016, 8, 244-250.	1.5	46
560	Development of surface curcumin nanoparticles modified with biological macromolecules for anti-tumor effects. <i>International Journal of Biological Macromolecules</i> , 2016, 92, 850-859.	3.6	28
561	Role of dietary phenols in mitigating microglia-mediated neuroinflammation. <i>NeuroMolecular Medicine</i> , 2016, 18, 453-464.	1.8	49
562	Protective Effects of a Natural Product, Curcumin, against Amyloid $\beta^2$ Induced Mitochondrial and Synaptic Toxicities in Alzheimer's Disease. <i>Journal of Investigative Medicine</i> , 2016, 64, 1220-1234.	0.7	120
563	Rational Design of Multifunctional Dendritic Mesoporous Silica Nanoparticles to Load Curcumin and Enhance Efficacy for Breast Cancer Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 26511-26523.	4.0	108
564	Direct Synthesis and Antimicrobial Evaluation of Structurally Complex Chalcones. <i>ChemistrySelect</i> , 2016, 1, 3647-3650.	0.7	19
565	Effect of Bilayer Partitioning of Curcumin on the Adsorption and Transport of a Cationic Dye Across POPG Liposomes Probed by Second-Harmonic Spectroscopy. <i>Langmuir</i> , 2016, 32, 10415-10421.	1.6	17
566	Improving Pharmaceutical Characteristics of Curcumin by Alginate/Pectin Microparticles. <i>Pharmaceutical Chemistry Journal</i> , 2016, 50, 131-136.	0.3	8
567	Pluronic stabilized $\text{Fe}_3\text{O}_4$ magnetic nanoparticles for intracellular delivery of curcumin. <i>RSC Advances</i> , 2016, 6, 98674-98681.	1.7	39



#	ARTICLE	IF	CITATIONS
568	Curcumin-Loaded Amine-Functionalized Mesoporous Silica Nanoparticles Inhibit $\beta$ -Synuclein Fibrillation and Reduce Its Cytotoxicity-Associated Effects. <i>Langmuir</i> , 2016, 32, 13394-13402.	1.6	61
569	Influence of trehalose on the interaction of curcumin with surface active ionic liquid micelle and its vesicular aggregate composed of a non-ionic surfactant sorbitan stearate. <i>Chemical Physics Letters</i> , 2016, 665, 14-21.	1.2	14
570	The ethanopharmacological aspect of carbon nanodots in turmeric smoke. <i>Scientific Reports</i> , 2016, 6, 35586.	1.6	23
571	The circadian clock modulates anti-cancer properties of curcumin. <i>BMC Cancer</i> , 2016, 16, 759.	1.1	18
572	Multiple biological activities and molecular docking studies of newly synthesized 3-(pyridin-4-yl)-1H-pyrazole-5-carboxamide chalcone hybrids. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 5624-5630.	1.0	39
573	Potential advantages of a novel chitosan-N-acetylcysteine surface modified nanostructured lipid carrier on the performance of ophthalmic delivery of curcumin. <i>Scientific Reports</i> , 2016, 6, 28796.	1.6	60
574	Enhanced mucosal healing with curcumin in animal oral ulcer model. <i>Laryngoscope</i> , 2016, 126, E68-73.	1.1	26
575	The in vitro antitumor activity of arene-ruthenium(II) curcuminoid complexes improves when decreasing curcumin polarity. <i>Journal of Inorganic Biochemistry</i> , 2016, 162, 44-51.	1.5	49
576	Curcumin protects against stroke and increases levels of Notch intracellular domain. <i>Neurological Research</i> , 2016, 38, 553-559.	0.6	39
577	Photodynamic effect of curcumin on <i>Vibrio parahaemolyticus</i> . <i>Photodiagnosis and Photodynamic Therapy</i> , 2016, 15, 34-39.	1.3	75
578	Exclusion of solar UV radiation increases the yield of curcuminoid in <i>Curcuma longa</i> L.. <i>Industrial Crops and Products</i> , 2016, 89, 188-194.	2.5	23
579	Determination of Curcuminoids and Their Degradation Products in Turmeric ( <i>Curcuma longa</i> ) Rhizome Herbal Products by Non-aqueous Capillary Electrophoresis with Photodiode Array Detection. <i>Food Analytical Methods</i> , 2016, 9, 2567-2578.	1.3	21
580	Freeze-dried eudragit-hyaluronan multicompartement liposomes to improve the intestinal bioavailability of curcumin. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 107, 49-55.	2.0	56
581	Bionanomaterials from Plant Sources. <i>SpringerBriefs in Bioengineering</i> , 2016, , 91-101.	0.8	0
582	Phytochemicals in Wound Healing. <i>Advances in Wound Care</i> , 2016, 5, 230-241.	2.6	69
583	Evaluation of ameliorative effect of curcumin on imidacloprid-induced male reproductive toxicity in wistar rats. <i>Environmental Toxicology</i> , 2016, 31, 1250-1263.	2.1	67
584	Microparticles Containing Curcumin Solid Dispersion: Stability, Bioavailability and Anti-Inflammatory Activity. <i>AAPS PharmSciTech</i> , 2016, 17, 252-261.	1.5	68
585	Galactosylated alginate-curcumin micelles for enhanced delivery of curcumin to hepatocytes. <i>International Journal of Biological Macromolecules</i> , 2016, 86, 1-9.	3.6	47

#	ARTICLE	IF	CITATIONS
586	Factorial design formulation optimization and in vitro characterization of curcumin-loaded PLGA nanoparticles for colon delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2016, 32, 10-20.	1.4	85
587	Curcumin and Î²-caryophellene attenuate cadmium quantum dots induced oxidative stress and lethality in <i>Caenorhabditis elegans</i> model system. <i>Environmental Toxicology and Pharmacology</i> , 2016, 42, 55-62.	2.0	18
588	Composite wound dressings of pectin and gelatin with aloe vera and curcumin as bioactive agents. <i>International Journal of Biological Macromolecules</i> , 2016, 82, 104-113.	3.6	131
589	Curcumin loaded mesoporous silica: an effective drug delivery system for cancer treatment. <i>Biomaterials Science</i> , 2016, 4, 448-459.	2.6	107
590	The biological effects of vanadyl curcumin and vanadyl diacetylcurcumin complexes: the effect on structure, function and oxidative stability of the peroxidase enzyme, antibacterial activity and cytotoxic effect. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 1124-1131.	2.5	16
591	Curcumin inhibits apoptosis by regulating intracellular calcium release, reactive oxygen species and mitochondrial depolarization levels in SH-SY5Y neuronal cells. <i>Journal of Receptor and Signal Transduction Research</i> , 2016, 36, 395-401.	1.3	58
592	Borondifluoride complexes of hemicurcuminoids as bio-inspired push-pull dyes for bioimaging. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 1311-1324.	1.5	40
593	Resveratrol. , 2016, , 453-464.		14
594	Curcumin inhibits tumor epithelial-mesenchymal transition by downregulating the Wnt signaling pathway and upregulating NKD2 expression in colon cancer cells. <i>Oncology Reports</i> , 2016, 35, 2615-2623.	1.2	73
595	Exploration of cellular DNA lesion, DNA-binding and biocidal ordeal of novel curcumin based Knoevenagel Schiff base complexes incorporating tryptophan: Synthesis and structural validation. <i>Journal of Molecular Structure</i> , 2016, 1116, 146-154.	1.8	17
596	Nanodelivery systems based on mucoadhesive polymer coated solid lipid nanoparticles to improve the oral intake of food curcumin. <i>Food Research International</i> , 2016, 84, 113-119.	2.9	96
597	Discovery of New Monocarbonyl Ligustrazine-Curcumin Hybrids for Intervention of Drug-Sensitive and Drug-Resistant Lung Cancer. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 1747-1760.	2.9	61
598	Poly(caprolactone)-poly(ethylene glycol)-poly(caprolactone) (PCL-PEG-PCL) nanoparticles: a valuable and efficient system for in vitro and in vivo delivery of curcumin. <i>RSC Advances</i> , 2016, 6, 14403-14415.	1.7	51
599	Curcumin-loaded silica-based mesoporous materials: Synthesis, characterization and cytotoxic properties against cancer cells. <i>Materials Science and Engineering C</i> , 2016, 63, 393-410.	3.8	78
600	Date syrup-derived polyphenols attenuate angiogenic responses and exhibits anti-inflammatory activity mediated by vascular endothelial growth factor and cyclooxygenase-2 expression in endothelial cells. <i>Nutrition Research</i> , 2016, 36, 636-647.	1.3	23
601	Curcumin and <i>Boswellia serrata</i> gum resin extract inhibit chikungunya and vesicular stomatitis virus infections in vitro. <i>Antiviral Research</i> , 2016, 125, 51-57.	1.9	57
602	Curcumin by down-regulating NF-Î²B and elevating Nrf2, reduces brain edema and neurological dysfunction after cerebral I/R. <i>Microvascular Research</i> , 2016, 106, 117-127.	1.1	126
603	Core-shell microcapsules of solid lipid nanoparticles and mesoporous silica for enhanced oral delivery of curcumin. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 140, 161-168.	2.5	63

#	ARTICLE	IF	CITATIONS
604	New findings on the in vivo antioxidant activity of Curcuma longa extract by an integrated 1H NMR and HPLC-MS metabolomic approach. <i>FÄ-toterapÄ-Äç</i> , 2016, 109, 125-131.	1.1	29
605	Transporter modulation by Chinese herbal medicines and its mediated pharmacokinetic herb-drug interactions. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1026, 236-253.	1.2	37
606	Hemocompatible curcumin-dextran micelles as pH sensitive pro-drugs for enhanced therapeutic efficacy in cancer cells. <i>Carbohydrate Polymers</i> , 2016, 137, 497-507.	5.1	69
607	Spent turmeric reduces fat mass in rats fed a high-fat diet. <i>Food and Function</i> , 2016, 7, 1814-1824.	2.1	13
608	Anti-atherosclerotic plants which modulate the phenotype of vascular smooth muscle cells. <i>Phytomedicine</i> , 2016, 23, 1068-1081.	2.3	53
609	Development and evaluation of a controlled drug delivery wound dressing based on polymeric porous microspheres. <i>Journal of Industrial Textiles</i> , 2016, 46, 986-999.	1.1	8
610	Effect of curcumin on TNFR2 and TRAF2 in unilateral ureteral obstruction in rats. <i>Nutrition</i> , 2016, 32, 478-485.	1.1	11
611	Combinatorial anticancer effects of curcumin and sorafenib towards thyroid cancer cells via PI3K/Akt and ERK pathways. <i>Natural Product Research</i> , 2016, 30, 1858-1861.	1.0	16
612	A green chemistry approach for nanoencapsulation of bioactive compound - Curcumin. <i>LWT - Food Science and Technology</i> , 2016, 65, 695-702.	2.5	48
613	Controlled delivery systems for tissue repair and regeneration. <i>Journal of Drug Delivery Science and Technology</i> , 2016, 32, 206-228.	1.4	23
614	Structural Interactions of Curcumin Biotransformed Molecules with the N-Terminal Residues of Cytotoxic-Associated Gene A Protein Provide Insights into Suppression of Oncogenic Activities. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , 2017, 9, 116-129.	2.2	19
615	Recent Progress in Therapeutics for Inflammation-Associated Preterm Birth: A Review. <i>Reproductive Sciences</i> , 2017, 24, 7-18.	1.1	18
616	Chemical constituents and biological research on plants in the genus <i>Curcuma</i> . <i>Critical Reviews in Food Science and Nutrition</i> , 2017, 57, 1451-1523.	5.4	82
617	In vitro effectiveness of Curcuma longa and Zingiber officinale extracts on Echinococcus protoscolex. <i>Saudi Journal of Biological Sciences</i> , 2017, 24, 90-94.	1.8	19
618	Turmeric effect on subcutaneous insulin-induced amyloid mass: an in vivo study. <i>Drug and Chemical Toxicology</i> , 2017, 40, 1-6.	1.2	6
619	Therapeutic Potential of Curcumin in Treatment of Pancreatic Cancer: Current Status and Future Perspectives. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 1634-1638.	1.2	37
620	Preparation of curcumin-loaded PCL-PEG-PCL triblock copolymeric nanoparticles by a microchannel technology. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 99, 328-336.	1.9	36
621	Curcumin induces apoptosis in human leukemic cell lines through an IFIT2-dependent pathway. <i>Cancer Biology and Therapy</i> , 2017, 18, 43-50.	1.5	26

#	ARTICLE	IF	CITATIONS
623	Involvement of protoporphyrin IX accumulation in the pathogenesis of isoniazid/rifampicin-induced liver injury: the prevention of curcumin. <i>Xenobiotica</i> , 2017, 47, 154-163.	0.5	17
624	Investigation on Curcumin nanocomposite for wound dressing. <i>International Journal of Biological Macromolecules</i> , 2017, 98, 366-378.	3.6	76
625	Mimicking oxygen delivery and waste removal functions of blood. <i>Advanced Drug Delivery Reviews</i> , 2017, 122, 84-104.	6.6	37
626	Integrity of edible nano-coatings and its effects on quality of strawberries subjected to simulated in-transit vibrations. <i>LWT - Food Science and Technology</i> , 2017, 80, 257-264.	2.5	56
627	Optimization and characterization of ultrasound assisted preparation of curcumin-loaded solid lipid nanoparticles: Application of central composite design, thermal analysis and X-ray diffraction techniques. <i>Ultrasonics Sonochemistry</i> , 2017, 38, 271-280.	3.8	67
628	Heat-induced solubilization of curcumin in kinetically stable pluronic P123 micelles and vesicles: An exploit of slow dynamics of the micellar restructuring processes in the aqueous pluronic system. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 152, 176-182.	2.5	40
629	Curcumin-Loaded Blood-Stable Polymeric Micelles for Enhancing Therapeutic Effect on Erythroleukemia. <i>Molecular Pharmaceutics</i> , 2017, 14, 2585-2594.	2.3	31
630	Transport of curcumin derivatives in Caco-2 cell monolayers. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 117, 123-131.	2.0	55
631	Efficacy of curcumin in inducing apoptosis and inhibiting the expression of VEGF in human pterygium fibroblasts. <i>International Journal of Molecular Medicine</i> , 2017, 39, 1149-1154.	1.8	13
632	Surface modification of solid lipid nanoparticles for oral delivery of curcumin: Improvement of bioavailability through enhanced cellular uptake, and lymphatic uptake. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 117, 132-140.	2.0	153
633	Alginate Nanoparticles Containing Curcumin and Resveratrol: Preparation, Characterization, and In Vitro Evaluation Against DU145 Prostate Cancer Cell Line. <i>AAPS PharmSciTech</i> , 2017, 18, 2814-2823.	1.5	61
634	Curcumin-loaded dual pH- and thermo-responsive magnetic microcarriers based on pectin maleate for drug delivery. <i>Carbohydrate Polymers</i> , 2017, 171, 259-266.	5.1	67
635	Study on the interaction between curcumin and CopC by spectroscopic and docking methods. <i>International Journal of Biological Macromolecules</i> , 2017, 96, 192-199.	3.6	10
636	Crystal structures, in-silico study and anti-microbial potential of synthetic monocarbonyl curcuminoids. <i>Journal of Molecular Structure</i> , 2017, 1144, 529-534.	1.8	8
637	Anti-androgenic curcumin analogues as steroid 5-alpha reductase inhibitors. <i>Medicinal Chemistry Research</i> , 2017, 26, 1550-1556.	1.1	14
638	Curcumin, a Multitarget Phytochemical. <i>Studies in Natural Products Chemistry</i> , 2017, 53, 243-276.	0.8	23
639	Mixed biopolymer nanocomplexes conferred physicochemical stability and sustained release behavior to introduced curcumin. <i>Food Hydrocolloids</i> , 2017, 71, 216-224.	5.6	39
640	Effects of starch composition and type of non-solvent on the formation of starch nanoparticles and improvement of curcumin stability in aqueous media. <i>Journal of Cereal Science</i> , 2017, 76, 122-130.	1.8	45

#	ARTICLE	IF	CITATIONS
641	Curcumin suppresses gastric tumor cell growth via ROS-mediated DNA polymerase $\beta$ depletion disrupting cellular bioenergetics. <i>Journal of Experimental and Clinical Cancer Research</i> , 2017, 36, 47.	3.5	61
642	The functional genomic studies of curcumin. <i>Seminars in Cancer Biology</i> , 2017, 46, 107-118.	4.3	61
643	Dispersion enhancing effect of sonochemically functionalized graphene oxide for catalysing antioxidant efficacy of curcumin. <i>Ultrasonics Sonochemistry</i> , 2017, 39, 208-217.	3.8	28
644	<i>Fusarium species</i> a promising tool box for industrial biotechnology. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 3493-3511.	1.7	29
645	Effects of surface charge of low molecular weight heparin-modified cationic liposomes on drug efficacy and toxicity. <i>Drug Development and Industrial Pharmacy</i> , 2017, 43, 1163-1172.	0.9	22
646	Naturally occurring anti-cancer agents targeting EZH2. <i>Cancer Letters</i> , 2017, 400, 325-335.	3.2	51
647	Biocompatible electrospinning chitosan nanofibers: A novel delivery system with superior local cancer therapy. <i>Carbohydrate Polymers</i> , 2017, 159, 1-10.	5.1	109
648	Novel ultrasound-responsive chitosan/perfluorohexane nanodroplets for image-guided smart delivery of an anticancer agent: Curcumin. <i>Materials Science and Engineering C</i> , 2017, 74, 186-193.	3.8	65
649	Antioxidant effects of curcuminoids in patients with type 2 diabetes mellitus: a randomized controlled trial. <i>Inflammopharmacology</i> , 2017, 25, 25-31.	1.9	175
650	A method for the preparation of curcumin by ultrasonic-assisted ammonium sulfate/ethanol aqueous two phase extraction. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1041-1042, 167-174.	1.2	21
651	Curcumin Inhibits Tau Aggregation and Disintegrates Preformed Tau Filaments in vitro. <i>Journal of Alzheimer's Disease</i> , 2017, 60, 999-1014.	1.2	115
652	Curcumin-quinone immobilised carbon black modified electrode prepared by in-situ electrochemical oxidation of curcumin-phytonutrient for mediated oxidation and flow injection analysis of sulfide. <i>Journal of Electroanalytical Chemistry</i> , 2017, 804, 116-127.	1.9	31
653	Comparative Oral Absorption of Curcumin in a Natural Turmeric Matrix with Two Other Curcumin Formulations: An Open-label Parallel-arm Study. <i>Phytotherapy Research</i> , 2017, 31, 1883-1891.	2.8	72
654	Fluorometric based procedure for measuring curcumin concentration in commercial herbal medicines. <i>Optik</i> , 2017, 149, 125-131.	1.4	6
655	Metal-based proteasomal deubiquitinase inhibitors as potential anticancer agents. <i>Cancer and Metastasis Reviews</i> , 2017, 36, 655-668.	2.7	40
656	The Effects of Curcumin and Curcumin-Phospholipid Complex on the Serum Pro-oxidant/Antioxidant Balance in Subjects with Metabolic Syndrome. <i>Phytotherapy Research</i> , 2017, 31, 1715-1721.	2.8	31
657	Curcumin prevents reperfusion injury following ischemic stroke in rats via inhibition of NF- $\kappa$ B, ICAM-1, MMP-9 and caspase-3 expression. <i>Molecular Medicine Reports</i> , 2017, 16, 4710-4720.	1.1	64
658	Enhancement of sperm motility and viability by turmeric by-product dietary supplementation in roosters. <i>Animal Reproduction Science</i> , 2017, 185, 195-204.	0.5	11

#	ARTICLE	IF	CITATIONS
659	A Realistic View on "The Essential Medicinal Chemistry of Curcumin". ACS Medicinal Chemistry Letters, 2017, 8, 893-896.	1.3	37
660	Nanoparticulation of bovine serum albumin and poly-d-lysine through complex coacervation and encapsulation of curcumin. Colloids and Surfaces B: Biointerfaces, 2017, 159, 759-769.	2.5	39
661	Ultrasound-assisted synthesis of curcumin analogs promoted by activated chicken eggshells. AIP Conference Proceedings, 2017, , .	0.3	3
662	Preparation of curcumin nanoparticle by using reinforcement ionic gelation technique. AIP Conference Proceedings, 2017, , .	0.3	4
663	In vitro testing of curcumin based composites coatings as antitumoral systems against osteosarcoma cells. Applied Surface Science, 2017, 425, 1040-1051.	3.1	11
664	Tyrphostin AG-related compounds attenuate H <sub>2</sub> O <sub>2</sub> -induced TRPM2-dependent and -independent cellular responses. Journal of Pharmacological Sciences, 2017, 134, 68-74.	1.1	7
665	Amphiphilic Polysaccharide Block Copolymers for pH-Responsive Micellar Nanoparticles. Biomacromolecules, 2017, 18, 2839-2848.	2.6	45
666	Curcumin and Salsalate Suppresses Colonic Inflammation and Procarcinogenic Signaling in High-Fat-Fed, Azoxymethane-Treated Mice. Journal of Agricultural and Food Chemistry, 2017, 65, 7200-7209.	2.4	15
667	Spontaneous vesicle formation by $\beta$ -aminobutyric acid derived steroidal surfactant: Curcumin loading, cytotoxicity and cellular uptake studies. Journal of Colloid and Interface Science, 2017, 507, 1-10.	5.0	4
668	Synthesis, spectral characterization and thermal analysis of rubrocurcumin and its analogues. Journal of Thermal Analysis and Calorimetry, 2017, 130, 2301-2314.	2.0	5
669	Effects of curcumin on short-term spatial and recognition memory, adult neurogenesis and neuroinflammation in a streptozotocin-induced rat model of dementia of Alzheimer's type. Behavioural Brain Research, 2017, 335, 41-54.	1.2	98
670	Pharmaceutical Applications of Curcumin-Loaded Nanoparticles. , 2017, , 139-154.		4
671	Palmitic Acid Curcumin Ester Facilitates Protection of Neuroblastoma against Oligomeric A $\beta$ <sup>240</sup> Insult. Cellular Physiology and Biochemistry, 2017, 44, 618-633.	1.1	15
672	Nano cellulose dispersed chitosan film with Ag NPs/Curcumin: An in vivo study on Albino Rats for wound dressing. International Journal of Biological Macromolecules, 2017, 104, 1012-1019.	3.6	63
673	A computational study of the electronic structure and the chemical activity of curcumin and some novel curcuminoids by density functional theory. Journal of the Iranian Chemical Society, 2017, 14, 357-364.	1.2	4
674	Structure, physicochemical characteristics, and functional properties of starches isolated from yellow ( <i>Curcuma longa</i> ) and black ( <i>Curcuma caesia</i> ) turmeric rhizomes. Starch/Staerke, 2017, 69, 1600285.	1.1	9
675	Schiff bases in medicinal chemistry: a patent review (2010-2015). Expert Opinion on Therapeutic Patents, 2017, 27, 63-79.	2.4	208
676	Storage and digestion stability of encapsulated curcumin in emulsions based on starch granule Pickering stabilization. Food Hydrocolloids, 2017, 63, 309-320.	5.6	147



#	ARTICLE	IF	CITATIONS
677	Modern drug delivery strategies applied to natural active compounds. <i>Expert Opinion on Drug Delivery</i> , 2017, 14, 755-768.	2.4	45
678	Natural diarylheptanoid compounds from <i>Curcuma comosa</i> Roxb. promote differentiation of mouse myoblasts C2C12 cells selectively via ER alpha receptors. <i>Medicinal Chemistry Research</i> , 2017, 26, 274-286.	1.1	2
679	Curcumin synergizes with the endocannabinoid reuptake inhibitor OMDM-2 in human MCF-7 breast cancer and U-87 glioblastoma cells. <i>Synergy</i> , 2017, 5, 7-14.	1.1	3
681	Curcumin, A Potential Therapeutic Candidate for Anterior Segment Eye Diseases: A Review. <i>Frontiers in Pharmacology</i> , 2017, 8, 66.	1.6	26
682	Antiplasmodial Activity and Toxicological Assessment of Curcumin PLGA-Encapsulated Nanoparticles. <i>Frontiers in Pharmacology</i> , 2017, 8, 622.	1.6	38
683	The Liver, Oxidative Stress, and Antioxidants. , 2017, , 583-604.		9
684	Synthesis of Curcuminoids and Evaluation of Their Cytotoxic and Antioxidant Properties. <i>Molecules</i> , 2017, 22, 633.	1.7	28
685	Nanoemulsions. , 2017, , 107-127.		4
686	ErbB Proteins as Molecular Target of Dietary Phytochemicals in Malignant Diseases. <i>Journal of Oncology</i> , 2017, 2017, 1-20.	0.6	12
687	Preclinical Studies and Translational Applications of Intracerebral Hemorrhage. <i>BioMed Research International</i> , 2017, 2017, 1-18.	0.9	15
688	Natural plant-derived anticancer drugs nanotherapeutics: a review on preclinical to clinical success. , 2017, , 775-809.		21
689	Introductory Chapter: Introduction to Food Additives. , 0, , .		3
690	The Role of the MAPK Signaling, Topoisomerase and Dietary Bioactives in Controlling Cancer Incidence. <i>Diseases (Basel, Switzerland)</i> , 2017, 5, 13.	1.0	22
691	Curcumin Suppresses Epithelial to Mesenchymal Transition of Renal Tubular Epithelial Cells through the Inhibition of Akt/mTOR Pathway. <i>Biological and Pharmaceutical Bulletin</i> , 2017, 40, 17-24.	0.6	36
692	Curcuminoid Analogs via Microbial Biotransformation With Improved Therapeutic Properties. , 2017, , 251-275.		1
693	Curcumin reverses tobacco smoke-induced epithelial to mesenchymal transition by suppressing the MAPK pathway in the lungs of mice. <i>Molecular Medicine Reports</i> , 2018, 17, 19-25.	1.1	12
694	The True Nature of Curcumin's Polypharmacology. <i>Journal of Preventive Medicine</i> , 2017, 02, .	0.4	6
695	The versatile role of curcumin in cancer prevention and treatment: A focus on PI3K/AKT pathway. <i>Journal of Cellular Physiology</i> , 2018, 233, 6530-6537.	2.0	79

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696	Encapsulation of Curcumin Nanoparticles with MMP9-Responsive and Thermos-Sensitive Hydrogel Improves Diabetic Wound Healing. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 16315-16326.	4.0	175
697	Effects of PCL, PEG and PLGA polymers on curcumin release from calcium phosphate matrix for in vitro and in vivo bone regeneration. <i>Materials Today Chemistry</i> , 2018, 8, 110-120.	1.7	90
698	Fabrication and characterization of protein-phenolic conjugate nanoparticles for co-delivery of curcumin and resveratrol. <i>Food Hydrocolloids</i> , 2018, 79, 450-461.	5.6	150
699	Curcumin-loaded silk fibroin e-gel scaffolds for wound healing applications. <i>Materials Technology</i> , 2018, 33, 276-287.	1.5	30
700	Optimization of extraction of antioxidants from turmeric ( <i>Curcuma longa</i> L.) using response surface methodology. <i>Wuhan University Journal of Natural Sciences</i> , 2018, 23, 63-69.	0.2	2
701	Naringenin-induced enhanced antioxidant defence system meliorates cholinergic neurotransmission and consolidates memory in male rats. <i>Life Sciences</i> , 2018, 194, 213-223.	2.0	50
702	Facile and large-scale synthesis of curcumin/PVA hydrogel: effectively kill bacteria and accelerate cutaneous wound healing in the rat. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2018, 29, 325-343.	1.9	24
703	Nutriosomes: prebiotic delivery systems combining phospholipids, a soluble dextrin and curcumin to counteract intestinal oxidative stress and inflammation. <i>Nanoscale</i> , 2018, 10, 1957-1969.	2.8	32
704	Protective Effects of Indian Spice Curcumin Against Amyloid- $\beta^2$ in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2018, 61, 843-866.	1.2	246
705	Vegetable oil-based nanoemulsions containing curcuminoids: Formation optimization by phase inversion temperature method. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 44, 289-297.	1.4	28
706	PI3K/Akt/GSK3 $\beta^2$ induced CREB activation ameliorates arsenic mediated alterations in NMDA receptors and associated signaling in rat hippocampus: Neuroprotective role of curcumin. <i>NeuroToxicology</i> , 2018, 67, 190-205.	1.4	51
707	Retention of Anticancer Activity of Curcumin after Conjugation with Fluorescent Gold Quantum Clusters: An in Vitro and in Vivo Xenograft Study. <i>ACS Omega</i> , 2018, 3, 4776-4785.	1.6	38
708	An LC-MS/MS method for simultaneous determination of curcumin, curcumin glucuronide and curcumin sulfate in a phase II clinical trial. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 156, 189-198.	1.4	61
709	Conversion of Curcumin into Heterocyclic Compounds as Potent Anti-diabetic and Anti-histamine Agents. <i>Biological and Pharmaceutical Bulletin</i> , 2018, 41, 1071-1077.	0.6	11
710	Binding properties between curcumin and malarial tubulin: molecular-docking and ab initio fragment molecular orbital calculations. <i>Chem-Bio Informatics Journal</i> , 2018, 18, 44-57.	0.1	3
711	Aspartic acid functionalized PEGylated MSN@GO hybrid as an effective and sustainable nano-system for in-vitro drug delivery. <i>Advances in Medical Sciences</i> , 2018, 63, 257-264.	0.9	15
712	Curcumin as a potential candidate for treating hyperlipidemia: A review of cellular and metabolic mechanisms. <i>Journal of Cellular Physiology</i> , 2018, 233, 141-152.	2.0	192
713	Biological and pharmacological evaluation of dimethoxycurcumin: A metabolically stable curcumin analogue with a promising therapeutic potential. <i>Journal of Cellular Physiology</i> , 2018, 233, 124-140.	2.0	29



#	ARTICLE	IF	CITATIONS
714	Bridging Type 2 Diabetes and Alzheimer's Disease: Assembling the Puzzle Pieces in the Quest for the Molecules With Therapeutic and Preventive Potential. <i>Medicinal Research Reviews</i> , 2018, 38, 261-324.	5.0	55
715	Therapeutic effects of curcumin in inflammatory and immune-mediated diseases: A nature-made jack-of-all-trades?. <i>Journal of Cellular Physiology</i> , 2018, 233, 830-848.	2.0	209
716	Association of Silver Nanoparticles and Curcumin Solid Dispersion: Antimicrobial and Antioxidant Properties. <i>AAPS PharmSciTech</i> , 2018, 19, 225-231.	1.5	38
717	Fabrication of curcumin-loaded bovine serum albumin (BSA)-dextran nanoparticles and the cellular antioxidant activity. <i>Food Chemistry</i> , 2018, 239, 1210-1218.	4.2	129
718	Insight into curcumin nanomicelle-induced derangements in male reproduction potential: An experimental study. <i>Andrologia</i> , 2018, 50, e12842.	1.0	17
719	Development and characterization of electrosprayed nanoparticles for encapsulation of curcumin. <i>Journal of Biomedical Materials Research - Part A</i> , 2018, 106, 285-292.	2.1	28
720	In-vitro digestion of curcumin loaded chitosan-coated liposomes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 168, 29-34.	2.5	97
721	Curcumin nanomicelle improves semen parameters, oxidative stress, inflammatory biomarkers, and reproductive hormones in infertile men: A randomized clinical trial. <i>Phytotherapy Research</i> , 2018, 32, 514-521.	2.8	78
722	Physicochemical properties, production, and biological functionality of poly- $\gamma$ -D-glutamic acid with constant molecular weight from halotolerant <i>Bacillus</i> sp. SJ-10. <i>International Journal of Biological Macromolecules</i> , 2018, 108, 598-607.	3.6	25
723	Curcumin and endometriosis: Review on potential roles and molecular mechanisms. <i>Biomedicine and Pharmacotherapy</i> , 2018, 97, 91-97.	2.5	72
724	Chemical Approaches Towards Neurodegenerative Disease Prevention: The Role of Coupling Sugars to Phenolic Biomolecular Entities. , 2018, , 167-194.		0
725	Malathion induced testicular toxicity and oxidative damage in male mice: the protective effect of curcumin. <i>Egyptian Journal of Forensic Sciences</i> , 2018, 8, .	0.4	15
726	CURCUMIN ATTENUATES LEAD (Pb)-INDUCED NEUROBEHAVIORAL AND NEUROBIOCHEMICAL DYSFUNCTION: A REVIEW. <i>International Journal of Pharmacy and Pharmaceutical Sciences</i> , 2018, 10, 23.	0.3	3
727	ETHNOPHARMACOLOGICAL REVIEW OF NATURAL PRODUCTS IN CANCER PREVENTION AND THERAPY. <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 2018, 11, 32.	0.3	2
728	Synthesis, Antimalarial Activity, and Docking Studies of Monocarbonyl Analogues of Curcumin. <i>Analele UniversitĂii Ovidius ConstanĂa: Seria Chimie</i> , 2018, 29, 92-96.	0.2	1
729	Soysome: A Surfactant-Free, Fully Biobased, Self-Assembled Platform for Nanoscale Drug Delivery Applications. <i>ACS Applied Bio Materials</i> , 2018, 1, 1830-1841.	2.3	9
730	Bioactivities of EF24, a Novel Curcumin Analog: A Review. <i>Frontiers in Oncology</i> , 2018, 8, 614.	1.3	58
731	Inverse Molecular Docking as a Novel Approach to Study Anticarcinogenic and Anti-Neuroinflammatory Effects of Curcumin. <i>Molecules</i> , 2018, 23, 3351.	1.7	64

#	ARTICLE	IF	CITATIONS
732	IN VITRO EVALUATION OF THE ANTHELMINTIC ACTIVITY OF RHIZOME EXTRACTS OF CURCUMA LONGA (LINN.). Asian Journal of Pharmaceutical and Clinical Research, 2018, 11, 425.	0.3	0
733	Evaluation of the Effect of Curcuma longa L. Essential Oil in Chitosan-starch Edible Coating. IOP Conference Series: Materials Science and Engineering, 2018, 395, 012020.	0.3	2
734	Antitumor activities of novel glycyrrhetic acid-modified curcumin-loaded cationic liposomes <i>in vitro</i> and in H22 tumor-bearing mice. Drug Delivery, 2018, 25, 1984-1995.	2.5	52
735	Radiation-Induced Reactions in The Liver " Modulation of Radiation Effects by Lifestyle-Related Factors ". International Journal of Molecular Sciences, 2018, 19, 3855.	1.8	28
736	Omniphilic Polysaccharide-Based Nanocarriers for Modular Molecular Delivery in a Broad Range of Biosystems. ACS Applied Materials & Interfaces, 2018, 10, 36711-36720.	4.0	12
737	Biomedical applications of microemulsion through dermal and transdermal route. Biomedicine and Pharmacotherapy, 2018, 108, 1477-1494.	2.5	113
738	Modulation of multidrug resistant in cancer cells by EGCG, tannic acid and curcumin. Phytomedicine, 2018, 50, 213-222.	2.3	55
739	Curcumin Protects Against Chronic Stress-induced Dysregulation of Neuroplasticity and Depression-like Behaviors via Suppressing IL-1 $\beta$ Pathway in Rats. Neuroscience, 2018, 392, 92-106.	1.1	51
740	Discovery of traditional Chinese medicine monomers and their synthetic intermediates, analogs or derivatives for battling P-gp-mediated multi-drug resistance. European Journal of Medicinal Chemistry, 2018, 159, 381-392.	2.6	38
741	Sustainable approach for development of antimicrobial textile material using nanoemulsion for wound care applications. Fashion and Textiles, 2018, 5, .	1.3	15
742	Uptake of curcumin by supported metal oxides (CaO and MgO) mesoporous silica materials. Journal of Sol-Gel Science and Technology, 2018, 87, 647-656.	1.1	8
743	Bioactivity, Health Benefits, and Related Molecular Mechanisms of Curcumin: Current Progress, Challenges, and Perspectives. Nutrients, 2018, 10, 1553.	1.7	208
744	Use of Curcumin in Psoriasis. Open Access Macedonian Journal of Medical Sciences, 2018, 6, 218-220.	0.1	28
745	Neuroprotective Natural Molecules, From Food to Brain. Frontiers in Neuroscience, 2018, 12, 721.	1.4	18
746	How to Use Oral and Topical Cosmeceuticals to Prevent and Treat Skin Aging. Facial Plastic Surgery Clinics of North America, 2018, 26, 407-413.	0.9	36
747	Effect of Piperine on Skin Permeation of Curcumin from a Bacterially Derived Cellulose-Composite Double-Layer Membrane for Transdermal Curcumin Delivery. Scientia Pharmaceutica, 2018, 86, 39.	0.7	16
748	Effects of Dietary Nutrients on Epigenetic Changes in Cancer. Methods in Molecular Biology, 2018, 1856, 121-139.	0.4	29
749	Pectin mediated synthesis of curcumin loaded poly(lactic acid) nanocapsules for cancer treatment. Journal of Drug Delivery Science and Technology, 2018, 48, 66-74.	1.4	30

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750	Sustained-Release Curcumin Microparticles for Effective Prophylactic Treatment of Exocrine Dysfunction of Pancreas: A Preclinical Study on Cerulein-Induced Acute Pancreatitis. <i>Journal of Pharmaceutical Sciences</i> , 2018, 107, 2869-2882.	1.6	24
751	Synthesis, mechanistic and synergy studies of diarylidencyclohexanone derivatives as new antiplasmodial pharmacophores. <i>Medicinal Chemistry Research</i> , 2018, 27, 2312-2324.	1.1	8
752	Enhanced retinal pigment epithelium (RPE) regeneration using curcumin/alginate hydrogels: In vitro evaluation. <i>International Journal of Biological Macromolecules</i> , 2018, 117, 546-552.	3.6	20
753	Structural, spectral and docking studies of a coordination polymer of zinc(II) formed by a pyridine-derived linker. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2018, 73, 369-375.	0.3	21
754	Nanocarbon Effect of Smoking Biofilms for Effective Control. <i>Journal of Cluster Science</i> , 2018, 29, 541-548.	1.7	3
755	Novel cress seed mucilage and sodium caseinate microparticles for encapsulation of curcumin: An approach for controlled release. <i>Food and Bioproducts Processing</i> , 2018, 110, 126-135.	1.8	30
756	Endometriosis and food habits: Can diet make the difference?. <i>Journal of Endometriosis and Pelvic Pain Disorders</i> , 2018, 10, 59-71.	0.3	3
757	Transferrin-anchored poly(lactide) based micelles to improve anticancer activity of curcumin in hepatic and cervical cancer cell monolayers and 3D spheroids. <i>International Journal of Biological Macromolecules</i> , 2018, 116, 1196-1213.	3.6	43
758	5-Lipoxygenase: Its involvement in gastrointestinal malignancies. <i>Critical Reviews in Oncology/Hematology</i> , 2018, 127, 50-55.	2.0	26
759	Curcumin-Loaded Mixed Micelles: Preparation, Characterization, and In Vitro Antitumor Activity. <i>Journal of Nanotechnology</i> , 2018, 2018, 1-9.	1.5	21
760	Neuronal, astroglial and locomotor injuries in subchronic copper intoxicated rats are repaired by curcumin: A possible link with Parkinson's disease. <i>Acta Histochemica</i> , 2018, 120, 542-550.	0.9	33
761	Presenting a New Standard Drug Model for Turmeric and Its Prized Extract, Curcumin. <i>International Journal of Inflammation</i> , 2018, 2018, 1-18.	0.9	18
762	Bioactivities of Traditional Medicinal Plants in Alexandria. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-13.	0.5	61
763	Bisdemethoxycurcumin and Its Cyclized Pyrazole Analogue Differentially Disrupt Lipopolysaccharide Signalling in Human Monocyte-Derived Macrophages. <i>Mediators of Inflammation</i> , 2018, 2018, 1-13.	1.4	5
764	Arginine, glycine, aspartic acid peptide-modified paclitaxel and curcumin co-loaded liposome for the treatment of lung cancer: in vitro/vivo evaluation. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 2561-2569.	3.3	52
765	EGFR-targeted photodynamic therapy by curcumin-encapsulated chitosan/TPP nanoparticles. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 903-916.	3.3	80
766	Facile, environmentally benign and scalable approach to produce pristine few layers graphene suitable for preparing biocompatible polymer nanocomposites. <i>Scientific Reports</i> , 2018, 8, 11228.	1.6	24
767	Effects of rapamycin and curcumin on inflammation and oxidative stress in vitro and in vivo in search of potential anti-epileptogenic strategies for temporal lobe epilepsy. <i>Journal of Neuroinflammation</i> , 2018, 15, 212.	3.1	48

#	ARTICLE	IF	CITATIONS
768	Application of Ferulic Acid for Alzheimer's Disease: Combination of Text Mining and Experimental Validation. <i>Frontiers in Neuroinformatics</i> , 2018, 12, 31.	1.3	27
769	Curcumin-graphene quantum dots for dual mode sensing platform: Electrochemical and fluorescence detection of APOe4, responsible of Alzheimer's disease. <i>Analytica Chimica Acta</i> , 2018, 1036, 141-146.	2.6	88
770	Comparative Analysis of Chemical Composition, Antioxidant Activity and Quantitative Characterization of Some Phenolic Compounds in Selected Herbs and Spices in Different Solvent Extraction Systems. <i>Molecules</i> , 2018, 23, 402.	1.7	122
771	Therapeutic Potential and Recent Advances of Curcumin in the Treatment of Aging-Associated Diseases. <i>Molecules</i> , 2018, 23, 835.	1.7	76
772	Drug-Induced Morphology Transition of Self-Assembled Glycopolymers: Insight into the Drug-Polymer Interaction. <i>Chemistry of Materials</i> , 2018, 30, 5227-5236.	3.2	44
773	PEGylated self-assembled enzyme-responsive nanoparticles for effective targeted therapy against lung tumors. <i>Journal of Nanobiotechnology</i> , 2018, 16, 57.	4.2	27
774	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
775	Curcumin in Liver Diseases: A Systematic Review of the Cellular Mechanisms of Oxidative Stress and Clinical Perspective. <i>Nutrients</i> , 2018, 10, 855.	1.7	272
776	Treatment of cadmium(II) and zinc(II) with N2-donor linkages in presence of $\beta^2$ -diketone ligand; supported by structural, spectral, theoretical and docking studies. <i>Inorganica Chimica Acta</i> , 2018, 482, 717-725.	1.2	35
777	Enhanced anticancer effects of low-dose curcumin with non-invasive pulsed electric field on PANC-1 cells. <i>OncoTargets and Therapy</i> , 2018, Volume 11, 4723-4732.	1.0	24
778	Antibacterial adhesive injectable hydrogels with rapid self-healing, extensibility and compressibility as wound dressing for joints skin wound healing. <i>Biomaterials</i> , 2018, 183, 185-199.	5.7	1,286
779	$\beta$ -Terpineol, a natural monoterpene: A review of its biological properties. <i>Open Chemistry</i> , 2018, 16, 349-361.	1.0	169
780	Cholesterol modulates curcumin partitioning and membrane effects. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018, 1860, 2320-2328.	1.4	28
781	Investigation of in vitro hydrophilic and hydrophobic dual drug release from polymeric films produced by sodium alginate-MaterBiA <sup>®</sup> drying emulsions. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 130, 71-82.	2.0	21
782	Vasorelaxant effects of diarylheptanoids, acerogenin A and $\beta$ -centrololol from the bark of <i>Acer nikoense</i> . <i>Traditional &amp; Kampo Medicine</i> , 2018, 5, 83-88.	0.2	0
783	Inhibitory effect of mixture herbs/spices on formation of heterocyclic amines and mutagenic activity of grilled beef. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2018, 35, 1911-1927.	1.1	32
784	Protective Effects of Curcumin Against Ischemia-Reperfusion Injury in the Nervous System. <i>Molecular Neurobiology</i> , 2019, 56, 1391-1404.	1.9	74
785	Polymeric curcumin nanoparticles by a facile in situ method for macrophage targeted delivery. <i>Bioengineering and Translational Medicine</i> , 2019, 4, 141-151.	3.9	26

#	ARTICLE	IF	CITATIONS
786	Application of different nanocarriers for encapsulation of curcumin. <i>Critical Reviews in Food Science and Nutrition</i> , 2019, 59, 3468-3497.	5.4	161
787	Robust Microfluidic Technology and New Lipid Composition for Fabrication of Curcumin-Loaded Liposomes: Effect on the Anticancer Activity and Safety of Cisplatin. <i>Molecular Pharmaceutics</i> , 2019, 16, 3957-3967.	2.3	44
788	An investigation of new electrochemical sensors for curcumin detection: a mini review. <i>Analytical Methods</i> , 2019, 11, 4401-4409.	1.3	14
789	Dietary Curcumin Prevented Astrocytosis, Microgliosis, and Apoptosis Caused by Acute and Chronic Exposure to Ozone. <i>Molecules</i> , 2019, 24, 2839.	1.7	12
790	The effects of curcumin supplementation on endothelial function: A systematic review and meta-analysis of randomized controlled trials. <i>Phytotherapy Research</i> , 2019, 33, 2989-2995.	2.8	23
791	Delivery of folic acid-modified liposomal curcumin for targeted cervical carcinoma therapy. <i>Drug Design, Development and Therapy</i> , 2019, Volume 13, 2205-2213.	2.0	31
792	Polymorphic Transformation of Drugs Induced by Glycopolymetric Vesicles Designed for Anticancer Therapy Probed by Solid-State NMR Spectroscopy. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 28278-28288.	4.0	17
793	Curcumin-loaded self-emulsifying drug delivery system (cu-SEDDS): a promising approach for the control of primary pathogen and secondary bacterial infections in cutaneous leishmaniasis. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 7481-7490.	1.7	22
794	Novel PNIPAm-based electrospun nanofibres used directly as a drug carrier for on-off-switchable drug release. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 182, 110347.	2.5	21
795	Apoptotic Pathway as the Therapeutic Target for Anticancer Traditional Chinese Medicines. <i>Frontiers in Pharmacology</i> , 2019, 10, 758.	1.6	61
796	An overview on the potential biomedical applications of polysaccharides. , 2019, , 33-94.		4
797	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
798	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
799	Efficacy and safety of Curcuma longa essential oil to inactivate hydatid cyst protoscoleces. <i>BMC Complementary and Alternative Medicine</i> , 2019, 19, 187.	3.7	24
800	Curcumin cocrystals using supercritical fluid technology. <i>Journal of Supercritical Fluids</i> , 2019, 152, 104564.	1.6	23
801	Production of turmeric extract-loaded nanoemulsions at the laboratory-scale and pilot-scale: Comparison of processing conditions and properties. <i>Journal of Food Engineering</i> , 2019, 261, 125-132.	2.7	5
802	One-pot synthesis of magnetic lipid nanoparticles as an efficient sorbent for curcumin determination in magnetic dispersive solid-phase extraction system. <i>European Polymer Journal</i> , 2019, 118, 661-667.	2.6	12
803	Nutritional supplements and functional foods. , 2019, , 13-35.		6

#	ARTICLE	IF	CITATIONS
804	Preparation and spectroscopic investigations of hydroxyapatite-curcumin nanoparticles-loaded polylactic acid for biomedical application. <i>Egyptian Journal of Basic and Applied Sciences</i> , 2019, 6, 1-9.	0.2	12
805	Dietary-phytochemical mediated reversion of cancer-specific splicing inhibits Warburg effect in head and neck cancer. <i>BMC Cancer</i> , 2019, 19, 1031.	1.1	21
807	Antidepressant active ingredients from herbs and nutraceuticals used in TCM: pharmacological mechanisms and prospects for drug discovery. <i>Pharmacological Research</i> , 2019, 150, 104520.	3.1	107
808	Curcumin: Novel Treatment in Neonatal Hypoxic-Ischemic Brain Injury. <i>Frontiers in Physiology</i> , 2019, 10, 1351.	1.3	24
809	Dietary Antioxidants in Experimental Models of Liver Diseases. , 2019, , .		2
810	Tetrahydrocurcumin Inhibits $\alpha$ -MSH-induced Melanogenesis via GSK3 $\beta$ Activation in B16F10 Melanoma Cells. <i>Toxicology and Environmental Health Sciences</i> , 2019, 11, 210-218.	1.1	4
811	Effects of curcumin on oxidative stress, inflammation and apoptosis in L-arginine induced acute pancreatitis in mice. <i>Heliyon</i> , 2019, 5, e02222.	1.4	25
812	Curcumin protects against palmitic acid-induced apoptosis via the inhibition of endoplasmic reticulum stress in testicular Leydig cells. <i>Reproductive Biology and Endocrinology</i> , 2019, 17, 71.	1.4	31
813	Side Effects of Curcumin: Epigenetic and Antiproliferative Implications for Normal Dermal Fibroblast and Breast Cancer Cells. <i>Antioxidants</i> , 2019, 8, 382.	2.2	52
814	Pyromellitic dianhydride crosslinked cyclodextrin nanospheres for curcumin controlled release; formulation, physicochemical characterization and cytotoxicity investigations. <i>Journal of Microencapsulation</i> , 2019, 36, 715-727.	1.2	33
815	Effects of dietary curcumin supplementation on seminal quality indices and fertility rate in broiler breeder roosters. <i>British Poultry Science</i> , 2019, 60, 256-264.	0.8	21
816	Development of Natural Product-Conjugated Metal Complexes as Cancer Therapies. <i>International Journal of Molecular Sciences</i> , 2019, 20, 341.	1.8	28
817	Total synthesis of giffonin H by fluoride-catalyzed macrocyclization. <i>Organic Chemistry Frontiers</i> , 2019, 6, 704-708.	2.3	4
818	Nutraceuticals for Cognitive Dysfunction. , 2019, , 393-415.		0
819	Herbs and Spices- Biomarkers of Intake Based on Human Intervention Studies â€” A Systematic Review. <i>Genes and Nutrition</i> , 2019, 14, 18.	1.2	78
820	Novel lignin nanoparticles for oral drug delivery. <i>Journal of Materials Chemistry B</i> , 2019, 7, 4461-4473.	2.9	112
821	Curcumin-Loaded Mesoporous Silica Nanoparticles Markedly Enhanced Cytotoxicity in Hepatocellular Carcinoma Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2918.	1.8	62
822	Combined effects of quercetin and curcumin on anti-inflammatory and antimicrobial parameters in vitro. <i>European Journal of Pharmacology</i> , 2019, 859, 172486.	1.7	49



#	ARTICLE	IF	CITATIONS
823	Profiling non-polar terpenes of rhizomes for distinguishing some Indian <i>Curcuma</i> species. <i>Journal of Applied Research on Medicinal and Aromatic Plants</i> , 2019, 13, 100207.	0.9	5
824	The inhibitory role of curcumin derivatives on AMPA receptor subunits and their effect on the gating biophysical properties. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 136, 104951.	1.9	22
825	Curcumin increases insulin sensitivity in C2C12 muscle cells via AKT and AMPK signaling pathways. <i>Cogent Food and Agriculture</i> , 2019, 5, 1577532.	0.6	10
826	Potential Mechanisms of Action of Curcumin for Cancer Prevention: Focus on Cellular Signaling Pathways and miRNAs. <i>International Journal of Biological Sciences</i> , 2019, 15, 1200-1214.	2.6	113
827	Demethoxycurcumin: A naturally occurring curcumin analogue for treating non-cancerous diseases. <i>Journal of Cellular Physiology</i> , 2019, 234, 19320-19330.	2.0	38
828	Biosynthesis and statistical optimization of polyhydroxyalkanoate (PHA) produced by <i>Bacillus cereus</i> VIT-SSR1 and fabrication of biopolymer films for sustained drug release. <i>International Journal of Biological Macromolecules</i> , 2019, 135, 945-958.	3.6	51
829	Low-density polyethylene/curcumin melt extruded composites with enhanced water vapor barrier and antioxidant properties for active food packaging. <i>Polymer</i> , 2019, 175, 137-145.	1.8	75
830	Emerging senolytic agents derived from natural products. <i>Mechanisms of Ageing and Development</i> , 2019, 181, 1-6.	2.2	69
831	The combination of swimming and curcumin consumption may improve spatial memory recovery after binge ethanol drinking. <i>Physiology and Behavior</i> , 2019, 207, 139-150.	1.0	8
832	Scolicidal Effects of Chitosan-Curcumin Nanoparticles on the Hydatid Cyst Protoscolices. <i>Acta Parasitologica</i> , 2019, 64, 367-375.	0.4	8
833	A combined treatment of curcumin, piperine, and taurine alters the circulating levels of IL-10 and miR-21 in hepatocellular carcinoma patients: a pilot study. <i>Journal of Gastrointestinal Oncology</i> , 2019, 10, 766-776.	0.6	37
834	Possible activation of NRF2 by Vitamin E/Curcumin against altered thyroid hormone induced oxidative stress via NF- $\kappa$ B/AKT/mTOR/KEAP1 signalling in rat heart. <i>Scientific Reports</i> , 2019, 9, 7408.	1.6	66
835	Developments in the anticancer activity of structurally modified curcumin: An up-to-date review. <i>European Journal of Medicinal Chemistry</i> , 2019, 177, 76-104.	2.6	102
836	Effect of $\beta$ -sitosterol on the curcumin-loaded liposomes: Vesicle characteristics, physicochemical stability, in vitro release and bioavailability. <i>Food Chemistry</i> , 2019, 293, 92-102.	4.2	92
837	Development and optimization of self-nanoemulsifying drug delivery systems (SNEDDS) for curcumin transdermal delivery: an anti-inflammatory exposure. <i>Drug Development and Industrial Pharmacy</i> , 2019, 45, 1073-1078.	0.9	30
838	Multifunctional mesoporous curcumin encapsulated iron-phenanthroline nanocluster: A new Anti-HIV agent. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 180, 289-297.	2.5	24
839	Curcumin inhibits angiogenesis in endothelial cells using downregulation of the PI3K/Akt signaling pathway. <i>Food Bioscience</i> , 2019, 29, 86-93.	2.0	13
840	Curcumin: New Insights into an Ancient Ingredient against Cancer. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1808.	1.8	109



#	ARTICLE	IF	CITATIONS
841	Fusarium: Biodiversity, Ecological Significances, and Industrial Applications. <i>Fungal Biology</i> , 2019, , 201-261.	0.3	7
842	Supramolecular phenoxy-alkyl maleate-based hydrogels and their enzyme/pH-responsive curcumin release. <i>New Journal of Chemistry</i> , 2019, 43, 5559-5567.	1.4	14
843	Contemporary Formulations for Drug Delivery of Anticancer Bioactive Compounds. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2019, 14, 19-31.	0.8	14
844	Preparation and characterization of glutathione-responsive polymeric micelles functionalized with core cross-linked disulfide linkage for curcumin delivery. <i>Journal of Polymer Research</i> , 2019, 26, 1.	1.2	5
845	Breathable hydrogel dressings containing natural antioxidants for management of skin disorders. <i>Journal of Biomaterials Applications</i> , 2019, 33, 1265-1276.	1.2	30
846	Curcumin analogues attenuate A $\beta$ 25-35-induced oxidative stress in PC12 cells via Keap1/Nrf2/HO-1 signaling pathways. <i>Chemico-Biological Interactions</i> , 2019, 305, 171-179.	1.7	50
847	The effect of curcumin on healing in an animal nasal septal perforation model. <i>Laryngoscope</i> , 2019, 129, E349-E354.	1.1	13
848	Characterization of curcumin metabolites in rats by ultraâ€highâ€performance liquid chromatography with electrospray ionization quadrupole timeâ€ofâ€flight tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 1114-1121.	0.7	8
849	Fortification of Functional and Medicinal Beverages With Botanical Products and Their Analysis. , 2019, , 351-404.		3
850	Impact of Nitrogen Fertilizer on the Mycorrhizal Inoculating Potential and Fungal Community Structure in Rhizosphere of Medicinal Plant <i>Curcuma longa</i> L.. <i>Geomicrobiology Journal</i> , 2019, 36, 385-395.	1.0	3
851	Antiinflammatory and Antiarthritic Activities of Some Foods and Spices. , 2019, , 51-68.		2
852	Curcumin loaded nanostructured lipid carriers: In vitro digestion and release studies. <i>Polyhedron</i> , 2019, 164, 113-122.	1.0	47
853	Curcumin reduces development of seizurelike events in the hippocampalâ€entorhinal cortex slice culture model for epileptogenesis. <i>Epilepsia</i> , 2019, 60, 605-614.	2.6	13
854	Curcumin Alleviates Potassium Bromate-Induced Hepatic Damage by Repressing CRP Induction through TNF- $\alpha$ and IL-1 $\beta$ and by Suppressing Oxidative Stress. <i>Notulae Scientia Biologicae</i> , 2019, 11, 337-344.	0.1	3
855	Mitigating Alzheimerâ€™s Disease with Natural Polyphenols: A Review. <i>Current Alzheimer Research</i> , 2019, 16, 529-543.	0.7	43
856	Antibacterial Effect of Curcumin against Clinically Isolated <i>Porphyromonas gingivalis</i> and Connective Tissue Reactions to Curcumin Gel in the Subcutaneous Tissue of Rats. <i>BioMed Research International</i> , 2019, 2019, 1-14.	0.9	23
857	Synergistic antioxidant capacity of CsNPs and CurNPs against cytotoxicity, genotoxicity and pro-inflammatory mediators induced by hydroxyapatite nanoparticles in male rats. <i>Toxicology Research</i> , 2019, 8, 939-952.	0.9	10
858	Nutritional regulators of intestinal inflammation. <i>Current Opinion in Gastroenterology</i> , 2019, 35, 486-490.	1.0	6

#	ARTICLE	IF	CITATIONS
859	FORMULATION AND PHYSICAL CHARACTERIZATION OF CURCUMIN NANOPARTICLE TRANSDERMAL PATCH. International Journal of Applied Pharmaceutics, 2019, , 217-221.	0.3	2
860	Bioactivity Evaluation of a Novel Formulated Curcumin. Nutrients, 2019, 11, 2982.	1.7	9
861	&lt;p&gt;Delivery Of Curcumin Nanoliposomes Using Surface Modified With CD133 Aptamers For Prostate Cancer&lt;/p&gt;. Drug Design, Development and Therapy, 2019, Volume 13, 4021-4033.	2.0	28
862	The $\beta$ -cyclodextrin-modified nanosized ZSM-5 zeolite as a carrier for curcumin. RSC Advances, 2019, 9, 32348-32356.	1.7	12
863	Curcumin-loaded liposomes for wound healing: Preparation, optimization, in-vivo skin permeation and bioevaluation. Journal of Drug Delivery Science and Technology, 2019, 49, 683-691.	1.4	25
864	Development of Nanocomplexes for Curcumin Vehiculization Using Ovalbumin and Sodium Alginate as Building Blocks: Improved Stability, Bioaccessibility, and Antioxidant Activity. Journal of Agricultural and Food Chemistry, 2019, 67, 379-390.	2.4	53
865	Encapsulation in egg white protein nanoparticles protects anti-oxidant activity of curcumin. Food Chemistry, 2019, 280, 65-72.	4.2	101
866	Protective effects of curcumin against ischemia-reperfusion injury in the liver. Pharmacological Research, 2019, 141, 53-62.	3.1	51
867	Obvious angiogenic-like effects of subchronic copper intoxication in rats, outcomes on spatial learning and memory and neuromodulatory potential of curcumin. Journal of Chemical Neuroanatomy, 2019, 96, 86-93.	1.0	17
868	Green synthesis, antioxidant and antibacterial activities of 4-aryl-3,4-dihydropyrimidinones/thiones derivatives of curcumin. Theoretical calculations and mechanism study. Journal of Molecular Structure, 2019, 1181, 261-269.	1.8	35
869	Electroacupuncture and Curcumin Promote Oxidative Balance and Motor Function Recovery in Rats Following Traumatic Spinal Cord Injury. Neurochemical Research, 2019, 44, 498-506.	1.6	16
870	In-depth synthetic, physicochemical and in vitro biological investigation of a new ternary V(IV) antioxidant material based on curcumin. Journal of Inorganic Biochemistry, 2019, 191, 94-111.	1.5	14
871	The effects of curcuminâ€containing supplements on biomarkers of inflammation and oxidative stress: A systematic review and metaâ€analysis of randomized controlled trials. Phytotherapy Research, 2019, 33, 253-262.	2.8	95
872	The protective activity of nanomicelle curcumin in bisphenol Aâ€induced cardiotoxicity following subacute exposure in rats. Environmental Toxicology, 2019, 34, 319-329.	2.1	31
873	Sialic Acid-Functionalized PEGâ€PLGA Microspheres Loading Mitochondrial-Targeting-Modified Curcumin for Acute Lung Injury Therapy. Molecular Pharmaceutics, 2019, 16, 71-85.	2.3	38
874	TiO <sub>2</sub> -Based Nanocarriers for Drug Delivery. , 2019, , 205-248.		5
875	Studies on pH and temperature dependence of inclusion complexes of bisdemethoxycurcumin with $\beta$ -cyclodextrin derivatives. Journal of Molecular Structure, 2019, 1179, 336-346.	1.8	11
876	The protective role of melatonin and curcumin in the testis of young and aged rats. Andrologia, 2019, 51, e13203.	1.0	17

#	ARTICLE	IF	CITATIONS
877	Neurobehavioral protective properties of curcumin against the mercury chloride treated mice offspring. Saudi Journal of Biological Sciences, 2019, 26, 736-743.	1.8	21
878	A review of emerging bone tissue engineering via PEG conjugated biodegradable amphiphilic copolymers. Materials Science and Engineering C, 2019, 97, 1021-1035.	3.8	71
879	The Role of Dietary Nutrients in Inflammatory Bowel Disease. Frontiers in Immunology, 2018, 9, 3183.	2.2	120
880	Modified mesoporous silica nanoparticles coated by polymer complex as novel curcumin delivery carriers. Journal of Drug Delivery Science and Technology, 2019, 49, 700-712.	1.4	27
881	Protonation of curcumin triggers sequential double cyclization in the gas-phase: An electrospray mass spectrometry and DFT study. International Journal of Mass Spectrometry, 2019, 438, 107-114.	0.7	2
882	Toward Multi-Targeted Platinum and Ruthenium Drugs—A New Paradigm in Cancer Drug Treatment Regimens?. Chemical Reviews, 2019, 119, 1058-1137.	23.0	463
883	The soluble curcumin derivative NDS27 inhibits superoxide anion production by neutrophils and acts as substrate and reversible inhibitor of myeloperoxidase. Chemico-Biological Interactions, 2019, 297, 34-43.	1.7	10
884	Development and evaluation of hollow mesoporous silica microspheres bearing on enhanced oral delivery of curcumin. Drug Development and Industrial Pharmacy, 2019, 45, 273-281.	0.9	11
885	Dose-response assessment of chemically modified curcumin in experimental periodontitis. Journal of Periodontology, 2019, 90, 535-545.	1.7	27
886	Biomass Lignin Stabilized Anti-UV High Internal Phase Emulsions: Preparation, Rheology, and Application As Carrier Materials. ACS Sustainable Chemistry and Engineering, 2019, 7, 810-818.	3.2	40
887	Photodynamic treatment with anionic nanoclays containing curcumin on human triple-negative breast cancer cells: Cellular and biochemical studies. Journal of Cellular Biochemistry, 2019, 120, 4998-5009.	1.2	42
888	Pectin-curcumin composite: synthesis, molecular modeling and cytotoxicity. Polymer Bulletin, 2019, 76, 3153-3173.	1.7	13
889	Immune modulation by curcumin: The role of interleukin-10. Critical Reviews in Food Science and Nutrition, 2019, 59, 89-101.	5.4	259
890	Vascular endothelial growth factor: An important molecular target of curcumin. Critical Reviews in Food Science and Nutrition, 2019, 59, 299-312.	5.4	51
891	Protective roles of flavonoids and flavonoid-rich plant extracts against urolithiasis: A review. Critical Reviews in Food Science and Nutrition, 2019, 59, 2125-2135.	5.4	55
892	Evaluation of Acetamidrid Mediated Oxidative Stress and Pathological Changes in Male Rats: Ameliorative Effect of Curcumin. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2019, 89, 191-199.	0.4	11
893	Cellular and molecular mechanisms of curcumin in prevention and treatment of disease. Critical Reviews in Food Science and Nutrition, 2020, 60, 887-939.	5.4	251
894	The effects of curcumin supplementation on body weight, body mass index and waist circumference: a systematic review and dose-response meta-analysis of randomized controlled trials. Critical Reviews in Food Science and Nutrition, 2020, 60, 171-180.	5.4	43

#	ARTICLE	IF	CITATIONS
895	Curcumin, the golden spice in treating cardiovascular diseases. <i>Biotechnology Advances</i> , 2020, 38, 107343.	6.0	207
896	Cytochrome P450-Mediated Metabolic Characterization of a Mono-Carbonyl Curcumin Analog WZ35. <i>Pharmacology</i> , 2020, 105, 79-89.	0.9	2
897	Phosphonate Derivatives of 3,5-bis(arylidene)-4-piperidone: Synthesis and Biological Evaluation. <i>Anti-Infective Agents</i> , 2020, 18, 245-254.	0.1	2
898	Synthesis and bioevaluation of $\beta$ -bis(1H-1,2,3-triazol-5-ylmethylene) ketones. <i>Chemical Papers</i> , 2020, 74, 809-820.	1.0	5
899	Assessment of biological activities of chitosan Schiff base tagged with medicinal plants. <i>Biopolymers</i> , 2020, 111, e23338.	1.2	11
900	Neuroprotective effects of mitochondria-targeted curcumin against rotenone-induced oxidative damage in cerebellum of mice. <i>Journal of Biochemical and Molecular Toxicology</i> , 2020, 34, e22416.	1.4	25
901	A shear-thinning electrostatic hydrogel with antibacterial activity by nanoengineering of polyelectrolytes. <i>Biomaterials Science</i> , 2020, 8, 1394-1404.	2.6	34
902	pH-Responsive nanoparticles based on cholesterol/imidazole modified oxidized-starch for targeted anticancer drug delivery. <i>Carbohydrate Polymers</i> , 2020, 233, 115858.	5.1	53
903	Anti-angiogenic activity of uncoated- and N,O-carboxymethyl-chitosan surface modified-Gelucire <sup>®</sup> 50/13 based solid lipid nanoparticles for oral delivery of curcumin. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 56, 101494.	1.4	15
904	Quinoline Based Monocarbonyl Curcumin Analogs as Potential Antifungal and Antioxidant Agents: Synthesis, Bioevaluation and Molecular Docking Study. <i>Chemistry and Biodiversity</i> , 2020, 17, e1900624.	1.0	14
905	Molecular insight into silk fibroin based delivery vehicle for amphiphilic drugs: Synthesis, characterization and molecular dynamics studies. <i>Journal of Molecular Liquids</i> , 2020, 299, 112156.	2.3	9
906	Curcumin-polymer conjugates with dynamic boronic acid ester linkages for selective killing of cancer cells. <i>Polymer Chemistry</i> , 2020, 11, 1321-1326.	1.9	23
907	Curcumin palliative effects on sexual behavior, fertility and reproductive hormones disorders in mercuric chloride intoxicated mice offspring. <i>Journal of King Saud University - Science</i> , 2020, 32, 1293-1299.	1.6	8
908	Effects of conjugated linoleic acid and curcumin on growth performance and oxidative stress enzymes in juvenile Pacific white shrimp ( <i>Litopenaeus vannamei</i> ) feed with aflatoxins. <i>Aquaculture Research</i> , 2020, 51, 1051-1060.	0.9	6
909	Neuroprotective effects of curcumin through autophagy modulation. <i>IUBMB Life</i> , 2020, 72, 652-664.	1.5	52
910	Impact of curcumin treatment on diabetic albino rats. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 689-694.	1.8	15
911	Curcumin prophylaxis refurbishes alveolar epithelial barrier integrity and alveolar fluid clearance under hypoxia. <i>Respiratory Physiology and Neurobiology</i> , 2020, 274, 103336.	0.7	21
912	Augmented anticancer activity of curcumin loaded fungal chitosan nanoparticles. <i>International Journal of Biological Macromolecules</i> , 2020, 155, 861-867.	3.6	43

#	ARTICLE	IF	CITATIONS
913	Puffing of Turmeric ( <i>Curcuma longa</i> L.) Enhances its Anti-Inflammatory Effects by Upregulating Macrophage Oxidative Phosphorylation. <i>Antioxidants</i> , 2020, 9, 931.	2.2	6
914	Curcumin administration and the effects on psychological status and markers of inflammation and oxidative damage in patients with type 2 diabetes and coronary heart disease. <i>Clinical Nutrition ESPEN</i> , 2020, 40, 77-82.	0.5	31
915	Does systemic oral administration of curcumin effectively reduce alveolar bone loss associated with periodontal disease? A systematic review and meta-analysis of preclinical in vivo studies. <i>Journal of Functional Foods</i> , 2020, 75, 104226.	1.6	7
916	Green synthesis of silver nanoparticles using aqueous rhizome extract of <i>Zingiber officinale</i> and <i>Curcuma longa</i> : In-vitro anti-cancer potential on human colon carcinoma HT-29 cells. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 2980-2986.	1.8	67
917	The Role of Natural Compounds and their Nanocarriers in the Treatment of CNS Inflammation. <i>Biomolecules</i> , 2020, 10, 1401.	1.8	13
918	Phytochemicals impact on osteogenic differentiation of mesenchymal stem cells. <i>BioFactors</i> , 2020, 46, 874-893.	2.6	31
919	Enhancement of biomolecules solubility in aqueous media using designer solvents as additives: An experimental and COSMO-based models' approach. <i>Journal of Molecular Liquids</i> , 2020, 318, 114266.	2.3	24
920	Natural Products Impacting DNA Methyltransferases and Histone Deacetylases. <i>Frontiers in Pharmacology</i> , 2020, 11, 992.	1.6	28
921	Curcumin Containing PEGylated Solid Lipid Nanoparticles for Systemic Administration: A Preliminary Study. <i>Molecules</i> , 2020, 25, 2991.	1.7	25
922	Discrimination between nanocurcumin and free curcumin using graphene quantum dots as a selective fluorescence probe. <i>Mikrochimica Acta</i> , 2020, 187, 446.	2.5	15
923	Curcumin inhibits proliferation, migration and neointimal formation of vascular smooth muscle via activating miR-22. <i>Pharmaceutical Biology</i> , 2020, 58, 610-619.	1.3	11
924	Reductive metabolites of curcumin and their therapeutic effects. <i>Heliyon</i> , 2020, 6, e05469.	1.4	54
925	EZH2 as a Potential Target for NAFLD Therapy. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8617.	1.8	17
926	Protective Effects of Curcumin and N-Acetyl Cysteine Against Noise-Induced Sensorineural Hearing Loss: An Experimental Study. <i>Indian Journal of Otolaryngology and Head and Neck Surgery</i> , 2020, , 1.	0.3	2
927	Curcumin Nanoparticles and Their Cytotoxicity in Docetaxel-Resistant Castration-Resistant Prostate Cancer Cells. <i>Biomedicines</i> , 2020, 8, 253.	1.4	25
928	Pathophysiology of atherosclerosis: Association of risk factors and treatment strategies using plant-based bioactive compounds. <i>Journal of Food Biochemistry</i> , 2020, 44, e13449.	1.2	14
929	Pharmacoinformatics and hypothetical studies on allicin, curcumin, and gingerol as potential candidates against COVID-19-associated proteases. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 389-400.	2.0	40
930	Cell death in <i>Ustilago maydis</i> : comparison with other fungi and the effect of metformin and curcumin on its chronological lifespan. <i>FEMS Yeast Research</i> , 2020, 20, ,	1.1	3

#	ARTICLE	IF	CITATIONS
931	Effect of Curcumin and Its Derivates on Gastric Cancer: Molecular Mechanisms. <i>Nutrition and Cancer</i> , 2021, 73, 1553-1569.	0.9	20
932	Clinical effects of curcumin in enhancing cancer therapy: A systematic review. <i>BMC Cancer</i> , 2020, 20, 791.	1.1	194
933	Role of Photoactive Phytochemicals in Photodynamic Therapy of Cancer. <i>Molecules</i> , 2020, 25, 4102.	1.7	43
934	Boosting the autophagy lysosomal pathway by phytochemicals: A potential therapeutic strategy against Alzheimer's disease. <i>IUBMB Life</i> , 2020, 72, 2360-2281.	1.5	5
935	CTAB-PLGA Curcumin Nanoparticles: Preparation, Biophysical Characterization and Their Enhanced Antifungal Activity against Phytopathogenic Fungus <i>Pythium ultimum</i> . <i>ChemistrySelect</i> , 2020, 5, 10574-10580.	0.7	7
936	Novel Zn(II) Coordination Polymers Based on the Natural Molecule Bisdemethoxycurcumin. <i>Crystal Growth and Design</i> , 2020, 20, 6555-6564.	1.4	5
937	Zyflamend induces apoptosis in pancreatic cancer cells via modulation of the JNK pathway. <i>Cell Communication and Signaling</i> , 2020, 18, 126.	2.7	4
938	Enhancing the performance of PEG-PCL-based nanocarriers for curcumin through its conjugation with lipophilic biomolecules. <i>Journal of Bioactive and Compatible Polymers</i> , 2020, 35, 399-413.	0.8	6
939	A Comprehensive Review on Physiological Effects of Curcumin. <i>Drug Research</i> , 2020, 70, 441-447.	0.7	14
940	Development and Study of Nanoemulsions and Nanoemulsion-Based Hydrogels for the Encapsulation of Lipophilic Compounds. <i>Nanomaterials</i> , 2020, 10, 2464.	1.9	46
941	The potential role of dietary plant ingredients against mammary cancer: a comprehensive review. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 2580-2605.	5.4	11
942	New Insights Into Drug Discovery Targeting Tau Protein. <i>Frontiers in Molecular Neuroscience</i> , 2020, 13, 590896.	1.4	78
943	Neuroinflammation Mechanisms and Phytotherapeutic Intervention: A Systematic Review. <i>ACS Chemical Neuroscience</i> , 2020, 11, 3707-3731.	1.7	31
944	Multi-walled carbon nanotube modified glassy carbon electrode as curcumin sensor. <i>Monatshefte für Chemie</i> , 2020, 151, 881-888.	0.9	6
945	Environmental safety and mode of action of a novel curcumin-based photolavicide. <i>Environmental Science and Pollution Research</i> , 2020, 27, 29204-29217.	2.7	9
946	Stealth Magnetoliposomes Based on Calcium-Substituted Magnesium Ferrite Nanoparticles for Curcumin Transport and Release. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3641.	1.8	29
947	Curcumin Administration Mitigates Cyclophosphamide-Induced Oxidative Damage and Restores Alteration of Enzymes Associated with Cognitive Function in Rats' Brain. <i>Neurotoxicity Research</i> , 2020, 38, 199-210.	1.3	25
948	Mucoadhesive curcumin crosslinked carboxy methyl cellulose might increase inhibitory efficiency for liver cancer treatment. <i>Materials Science and Engineering C</i> , 2020, 116, 111119.	3.8	29



#	ARTICLE	IF	CITATIONS
949	Structural and therapeutic properties of curcumin solubilized pluronic F127 micellar solutions and hydrogels. <i>Journal of Molecular Liquids</i> , 2020, 314, 113591.	2.3	50
950	New bio-sourced hydrogen donors as high performance coinitiators and additives for CQ-based systems: Toward aromatic amine-free photoinitiating systems. <i>European Polymer Journal</i> , 2020, 134, 109794.	2.6	11
951	Nanocomplexation of proteins with curcumin: From interaction to nanoencapsulation (A review). <i>Food Hydrocolloids</i> , 2020, 109, 106106.	5.6	54
952	Noninvasive Preclinical Evaluation of Targeted Nanoparticles for the Delivery of Curcumin in Treating Pancreatic Cancer. <i>ACS Applied Bio Materials</i> , 2020, 3, 4643-4654.	2.3	25
953	Drug-Directed Morphology Changes in Polymerization-Induced Self-Assembly (PISA) Influence the Biological Behavior of Nanoparticles. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 30221-30233.	4.0	34
954	Development of thermosensitive microgel for transdermal drug delivery. <i>AIP Conference Proceedings</i> , 2020, , .	0.3	0
955	Recent Bio-Advances in Metal-Organic Frameworks. <i>Molecules</i> , 2020, 25, 1291.	1.7	48
956	Release Kinetic Model and Antimicrobial Activity of Freeze-Dried Curcumin-loaded Bacterial Nanocellulose Composite. <i>Polymer Science - Series A</i> , 2020, 62, 218-227.	0.4	8
957	Preparation and characterization of stable nanoliposomal formulations of curcumin with high loading efficacy: In vitro and in vivo anti-tumor study. <i>International Journal of Pharmaceutics</i> , 2020, 580, 119211.	2.6	46
958	Curcumin based supramolecular ensemble for optical detection of Cu <sup>2+</sup> and Hg <sup>2+</sup> ions. <i>Journal of Molecular Structure</i> , 2020, 1211, 128091.	1.8	5
959	PREPARATION OF ORAL CURCUMIN DELIVERY FROM 3D-NANO-CELLULOSE NETWORKS MATERIAL PRODUCED BY ACETOBACTER XYLINUM USING OPTIMIZATION TECHNIQUE. <i>International Journal of Applied Pharmaceutics</i> , 0, , 47-52.	0.3	0
960	Curcumin: a phytochemical modulator of estrogens and androgens in tumors of the reproductive system. <i>Pharmacological Research</i> , 2020, 156, 104765.	3.1	51
961	Cytoprotective effects of antioxidant supplementation on mesenchymal stem cell therapy. <i>Journal of Cellular Physiology</i> , 2020, 235, 6462-6495.	2.0	20
962	<p>&gt;Tumor Targeted Curcumin Delivery by Folate-Modified MPEG-PCL Self-Assembly Micelles for Colorectal Cancer Therapy</p></p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 1239-1252.	3.3	46
963	Mechanism of Anti-Cancer Activity of Curcumin on Androgen-Dependent and Androgen-Independent Prostate Cancer. <i>Nutrients</i> , 2020, 12, 679.	1.7	58
964	Antitumor Effects of Curcumin and Glycyrrhetic Acid-Modified Curcumin-Loaded Cationic Liposome by Intratumoral Administration. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-14.	0.5	6
965	<p><p>Comparative Effects of Curcumin versus Nano-Curcumin on Insulin Resistance, Serum Levels of Apelin and Lipid Profile in Type 2 Diabetic Rats</p></p>. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2020, Volume 13, 2337-2346.	1.1	27
966	Separation and purification of curcumin using novel aqueous two-phase micellar systems composed of amphiphilic copolymer and cholinium ionic liquids. <i>Separation and Purification Technology</i> , 2020, 250, 117262.	3.9	23



#	ARTICLE	IF	CITATIONS
967	Enhanced Oral Delivery of Curcumin via Vitamin E TPGS Modified Nanodiamonds: a Comparative Study on the Efficacy of Non-covalent and Covalent Conjugated Strategies. <i>AAPS PharmSciTech</i> , 2020, 21, 187.	1.5	16
968	Gold-Conjugated Curcumin as a Novel Therapeutic Agent against Brain-Eating Amoebae. <i>ACS Omega</i> , 2020, 5, 12467-12475.	1.6	22
969	SIRONA: Sustainable Integration of Regenerative Outer-space Nature and Agriculture. Part 2 – Design Development and Projected Performance. <i>Acta Astronautica</i> , 2022, 196, 350-368.	1.7	5
970	Fabrication of Polydopamine-Based Curcumin Nanoparticles for Chemical Stability and pH-Responsive Delivery. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 2795-2802.	2.4	24
971	A sensitive LC-MS assay using derivatization with boron trifluoride to quantify curcuminoids in biological samples. <i>Analytical Biochemistry</i> , 2020, 596, 113636.	1.1	6
972	<p>Curcumin Has Anti-Proliferative and Pro-Apoptotic Effects on Tongue Cancer in vitro: A Study with Bioinformatics Analysis and in vitro Experiments</p>., <i>Drug Design, Development and Therapy</i> , 2020, Volume 14, 509-518.	2.0	19
973	Curcumin ameliorates Staphylococcus aureus-induced mastitis injury through attenuating TLR2-mediated NF- $\kappa$ B activation. <i>Microbial Pathogenesis</i> , 2020, 142, 104054.	1.3	12
974	Accelerated Muscle Recovery After In Vivo Curcumin Supplementation. <i>Natural Product Communications</i> , 2020, 15, 1934578X2090189.	0.2	4
975	Single enzyme nanoparticle, an effective tool for enzyme replacement therapy. <i>Archives of Pharmacal Research</i> , 2020, 43, 1-21.	2.7	14
976	Curcumin and Endometriosis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2440.	1.8	59
977	Application of curcumin and its derivatives in tumor multidrug resistance. <i>Phytotherapy Research</i> , 2020, 34, 2438-2458.	2.8	12
978	Effects of Curcumin on Lipid Membranes: an EPR Spin-label Study. <i>Cell Biochemistry and Biophysics</i> , 2020, 78, 139-147.	0.9	25
979	3D-quantitative structure–activity relationship and antiviral effects of curcumin derivatives as potent inhibitors of influenza H1N1 neuraminidase. <i>Archives of Pharmacal Research</i> , 2020, 43, 489-502.	2.7	27
980	Nutrition, public health, and sustainability: an overview of current challenges and future perspectives. , 2020, , 3-50.		1
981	Medulloblastoma cancer stem cells: molecular signatures and therapeutic targets. <i>Journal of Clinical Pathology</i> , 2020, 73, 243-249.	1.0	32
982	Synergistic Effects of Curcumin and 5-Fluorouracil on the Hepatocellular Carcinoma <i>in vivo</i> and <i>in vitro</i> through regulating the expression of COX-2 and NF- $\kappa$ B. <i>Journal of Cancer</i> , 2020, 11, 3955-3964.	1.2	17
983	Formulation and characterization of curcumin loaded polymeric micelles produced via continuous processing. <i>International Journal of Pharmaceutics</i> , 2020, 583, 119340.	2.6	38
984	Glucosylated Polymeric Micelles Actively Target a Breast Cancer Model. <i>Advanced Therapeutics</i> , 2021, 4, .	1.6	12

#	ARTICLE	IF	CITATIONS
985	Attempts to enhance the anti-cancer activity of curcumin as a magical oncological agent using transdermal delivery. <i>Advances in Traditional Medicine</i> , 2021, 21, 15-29.	1.0	9
986	Near infrared light-triggered on-demand Cur release from Gel-PDA@Cur composite hydrogel for antibacterial wound healing. <i>Chemical Engineering Journal</i> , 2021, 403, 126182.	6.6	142
987	Changes in curcuminoids and chemical components of turmeric ( <i>Curcuma longa</i> L.) under freeze-drying and low-temperature drying methods. <i>Food Chemistry</i> , 2021, 339, 128121.	4.2	89
988	Excogitation and Assessment of Curcumin-Vitamin E Self-assembly PEGylated Nanoparticles by the Route of Oral Administration. <i>Journal of Pharmaceutical Sciences</i> , 2021, 110, 146-154.	1.6	1
989	Effects of curcumin on antioxidant capacity and gastric mucosal injury following strenuous endurance training in rats. <i>Comparative Exercise Physiology</i> , 2021, 17, 17-24.	0.3	2
990	Curcumin Promotes Primary Oral Wound Healing in a Rat Model. <i>Journal of Medicinal Food</i> , 2021, 24, 422-430.	0.8	3
991	Improved pharmacokinetics and reduced side effects of doxorubicin therapy by liposomal co-encapsulation with curcumin. <i>Journal of Liposome Research</i> , 2021, 31, 1-10.	1.5	18
992	Repurposing old drugs as new inhibitors of the ubiquitin-proteasome pathway for cancer treatment. <i>Seminars in Cancer Biology</i> , 2021, 68, 105-122.	4.3	27
993	The Counteracting Performance of Phytoconstituents Against Neurodegeneration Involved in Parkinson's Disease. <i>Journal of Scientific Research</i> , 2021, 65, 146-158.	0.1	4
994	Novel biotechnological substances in higher plants. , 2021, , 275-298.		0
995	One-pot solvent-free extraction and formulation of lipophilic natural products: from curcuma to dried formulations of curcumin. <i>Green Chemistry</i> , 2021, 23, 8891-8900.	4.6	7
996	Therapeutic Effect of Curcumin in Women with Polycystic Ovary Syndrome Receiving Metformin: A Randomized Controlled Trial. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1308, 109-117.	0.8	15
997	Combination of curcumin and ginkgolide B inhibits cystogenesis by regulating multiple signaling pathways. <i>Molecular Medicine Reports</i> , 2021, 23, .	1.1	6
998	Biological activities and potential nanotechnological delivery of resveratrol. , 2021, , 519-536.		0
999	Biodiversity and Drug Discovery Approach to Natural Medicine. <i>University of Tehran Science and Humanities Series</i> , 2021, , 61-74.	0.1	1
1000	Curcumin encapsulation in Pickering emulsions co-stabilized by starch nanoparticles and chitin nanofibers. <i>RSC Advances</i> , 2021, 11, 16275-16284.	1.7	10
1001	Synthesis of nano-fibers containing nano-curcumin in zein corn protein and its physicochemical and biological characteristics. <i>Scientific Reports</i> , 2021, 11, 1902.	1.6	45
1002	Quantification of Curcuminoids in Turmeric Using Visible Reflectance Spectra and a Decision-Tree Based Chemometric Approach. <i>Journal of the Electrochemical Society</i> , 2020, 167, 167528.	1.3	2

#	ARTICLE	IF	CITATIONS
1004	Piperine and curcumin. , 2021, , 589-612.		1
1005	Bioactive Dietary Compounds and Epigenetics in Women's Reproductive Cancers. , 2021, , .		1
1006	Fabrication of P $\mu$ CL $\hat{A}$ "AuNP $\hat{A}$ "BSA core $\hat{A}$ "shell $\hat{A}$ "corona nanoparticles for flexible spatiotemporal drug delivery and SERS detection. Biomaterials Science, 2021, 9, 4440-4447.	2.6	5
1007	Curcumin-loaded mesoporous silica nanoparticles with dual-imaging and temperature control inhibits the infection of Zika virus. Microporous and Mesoporous Materials, 2021, 314, 110886.	2.2	11
1008	Exploring the Potential of Aromatherapy as an Adjuvant Therapy in Cancer and its Complications: A Comprehensive Update. Anti-Cancer Agents in Medicinal Chemistry, 2022, 22, 629-653.	0.9	5
1009	A Fumigation-Based Surface Sterilization Approach for Plant Tissue Culture. International Journal of Environmental Research and Public Health, 2021, 18, 2282.	1.2	6
1010	Curcumin anti $\hat{E}$ tumor effects on endometrial cancer with focus on its molecular targets. Cancer Cell International, 2021, 21, 120.	1.8	26
1011	A ci $\hat{A}$ ncia de alimentos na sua mesa: o uso da farinha do a $\hat{A}$ safr $\hat{A}$ o como ingrediente rico em antioxidantes para melhoria da saudabilidade em massas frescas integrais. Research, Society and Development, 2021, 10, e47610211167.	0.0	1
1012	Application of nano-curcumin as a natural antimicrobial agent against Gram-positive pathogens. Journal of Applied and Natural Science, 2021, 13, 110-126.	0.2	5
1013	Antimicrobial and antibiofilm photodynamic therapy against vancomycin resistant Staphylococcus aureus (VRSA) induced infection in vitro and in vivo. European Journal of Pharmaceutics and Biopharmaceutics, 2021, 160, 65-76.	2.0	28
1014	Water-soluble carbon dots derived from curcumin and citric acid with enhanced broad-spectrum antibacterial and antibiofilm activity. Materials Today Communications, 2021, 26, 102000.	0.9	20
1015	The Curcumin Analog EF24 is Highly Active Against Chemotherapy- Resistant Melanoma Cells. Current Cancer Drug Targets, 2021, 21, 608-618.	0.8	5
1016	Can Curcumin be used as a therapeutic agent to eradicate Helicobacter pylori infection? Evidence from human clinical trials. Pharmacie Hospitalier Et Clinicien, 2021, 56, 93-97.	0.3	0
1017	Spicy Bitumen: Curcumin Effects on the Rheological and Adhesion Properties of Asphalt. Materials, 2021, 14, 1622.	1.3	6
1018	Elucidating the therapeutic activity of selective curcumin analogues: DFT-based reactivity analysis. Structural Chemistry, 2021, 32, 1701-1715.	1.0	6
1019	Synthesis and photophysical properties of ditrifluoroacetoxyboron complexes with curcumin analogues. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 249, 119297.	2.0	1
1020	Nano $\hat{E}$ curcumin/graphene platelets loaded on sodium alginate/polyvinyl alcohol fibers as potential wound dressing. Journal of Applied Polymer Science, 2021, 138, 50884.	1.3	11
1021	Drying of Selected Major Spices: Characteristics and Influencing Parameters, Drying Technologies, Quality Retention and Energy Saving, and Mathematical Models. Food and Bioprocess Technology, 2021, 14, 1028-1054.	2.6	14

#	ARTICLE	IF	CITATIONS
1022	Association between Oral Cancer and Diet: An Update. <i>Nutrients</i> , 2021, 13, 1299.	1.7	33
1023	Curcumin and its Multi-target Function Against Pain and Inflammation: An Update of Pre-clinical Data. <i>Current Drug Targets</i> , 2021, 22, 656-671.	1.0	19
1024	Pharmacokinetics of a Single Dose of Turmeric Curcuminoids Depends on Formulation: Results of a Human Crossover Study. <i>Journal of Nutrition</i> , 2021, 151, 1802-1816.	1.3	21
1025	Role of Polyphenols on Gut Microbiota and the Ubiquitin-Proteasome System in Neurodegenerative Diseases. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 6119-6144.	2.4	16
1026	Supramolecular Interaction of Molecular Cage and Î²-Galactosidase: Application in Enzymatic Inhibition, Drug Delivery and Antimicrobial Activity. <i>ChemBioChem</i> , 2021, 22, 1955-1960.	1.3	3
1027	Synthesis of Starch Nanoparticles and Their Applications for Bioactive Compound Encapsulation. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4547.	1.3	26
1028	An overview on the two recent decadesâ€™ study of peptides synthesis and biological activities in Iran. <i>Journal of the Iranian Chemical Society</i> , 2022, 19, 331-351.	1.2	4
1029	Microgels Based on Carboxymethylpullulan Grafted with Ferulic Acid Obtained by Enzymatic Crosslinking in Emulsion for Drug Delivery Systems. <i>Macromolecular Bioscience</i> , 2021, 21, e2100165.	2.1	1
1030	A Compendium of the Most Promising Synthesized Organic Compounds against Several <i>Fusarium oxysporum</i> Species: Synthesis, Antifungal Activity, and Perspectives. <i>Molecules</i> , 2021, 26, 3997.	1.7	6
1031	Bioactive Polyphenolic Compounds Showing Strong Antiviral Activities against Severe Acute Respiratory Syndrome Coronavirus 2. <i>Pathogens</i> , 2021, 10, 758.	1.2	66
1032	Highlighting the Relevance of Gut Microbiota Manipulation in Inflammatory Bowel Disease. <i>Diagnostics</i> , 2021, 11, 1090.	1.3	43
1033	Highlights in poloxamer-based drug delivery systems as strategy at local application for vaginal infections. <i>International Journal of Pharmaceutics</i> , 2021, 602, 120635.	2.6	18
1034	High internal phase emulsions stabilized by native and heat-treated lactoferrin-carboxymethyl chitosan complexes: Comparison of molecular and granular emulsifiers. <i>Food Chemistry</i> , 2022, 370, 130507.	4.2	16
1035	Recent Advances and Disputes About Curcumin in Retinal Diseases. <i>Clinical Ophthalmology</i> , 2021, Volume 15, 2553-2571.	0.9	12
1036	Chemical Perspective of the Mechanism of Action of Anti-amyloidogenic Compounds Using a Minimalistic Peptide as a Reductionist Model. <i>ACS Chemical Neuroscience</i> , 2021, 12, 2851-2864.	1.7	13
1037	The Chemical Element Composition of Turmeric Grown in Soilâ€™s Climate Conditions of Tashkent Region, Uzbekistan. <i>Plants</i> , 2021, 10, 1426.	1.6	8
1038	Topical treatment for the prevention and relief of nipple fissure and pain in breastfeeding women: A systematic review. <i>Advances in Integrative Medicine</i> , 2021, , .	0.4	6
1039	3D printed alginate-cellulose nanofibers based patches for local curcumin administration. <i>Carbohydrate Polymers</i> , 2021, 264, 118026.	5.1	43

#	ARTICLE	IF	CITATIONS
1040	Turmeric ( <i>Curcuma longa</i> L.): Chemical Components and Their Effective Clinical Applications. <i>Journal of the Turkish Chemical Society, Section A: Chemistry</i> , 2021, 8, 883-898.	0.4	7
1041	Curcumin Inhibits Replication of Human Parainfluenza Virus Type 3 by Affecting Viral Inclusion Body Formation. <i>BioMed Research International</i> , 2021, 2021, 1-13.	0.9	7
1042	Integrin $\alpha 4$ as a Potential Diagnostic and Therapeutic Tumor Marker. <i>Biomolecules</i> , 2021, 11, 1197.	1.8	10
1043	Current Therapies for Neonatal Hypoxic-Ischaemic and Infection-Sensitised Hypoxic-Ischaemic Brain Damage. <i>Frontiers in Synaptic Neuroscience</i> , 2021, 13, 709301.	1.3	17
1044	Novel supramolecular self-healing silk fibroin-based hydrogel via host-guest interaction as wound dressing to enhance wound healing. <i>Chemical Engineering Journal</i> , 2021, 417, 128278.	6.6	127
1045	Non-drug pain relievers active on non-opioid pain mechanisms. <i>Pain Practice</i> , 2022, 22, 255-275.	0.9	15
1046	Natural Products as Protective Agents for Male Fertility. <i>Biochem</i> , 2021, 1, 122-147.	0.5	9
1047	Ayurveda Rasayana as antivirals and immunomodulators: potential applications in COVID-19. <i>Environmental Science and Pollution Research</i> , 2021, 28, 55925-55951.	2.7	20
1048	From oral formulations to drug-eluting implants: using 3D and 4D printing to develop drug delivery systems and personalized medicine. <i>Bio-Design and Manufacturing</i> , 2022, 5, 85-106.	3.9	22
1049	Synergistic Protective Effect of Curcumin and Resveratrol against Oxidative Stress in Endothelial EAhy926 Cells. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-13.	0.5	14
1050	Natural Products Counteracting Cardiotoxicity during Cancer Chemotherapy: The Special Case of Doxorubicin, a Comprehensive Review. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10037.	1.8	10
1051	Antimicrobial photodynamic therapy (aPDT) against vancomycin resistant <i>Staphylococcus aureus</i> (VRSA) biofilm disruption: A putative role of phagocytosis in infection control. <i>Photodiagnosis and Photodynamic Therapy</i> , 2021, 36, 102552.	1.3	8
1052	FORMULATION AND CHARACTERIZATION OF FLOATING TABLET DOSAGE FORM OF DUAL DELIVERY OF DRUG CURCUMIN AND BERBERINE HYDROCHLORIDE USING SIMULTANEOUS ESTIMATION BY UV SPECTROSCOPY. <i>International Journal of Applied Pharmaceutics</i> , 0, , 306-310.	0.3	2
1053	Continuous processing of paclitaxel polymeric micelles. <i>International Journal of Pharmaceutics</i> , 2021, 607, 120946.	2.6	8
1054	Nano-Derived Therapeutic Formulations with Curcumin in Inflammation-Related Diseases. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-15.	1.9	37
1055	Curcumin Exerts Antinociceptive Effects in Cancer-Induced Bone Pain via an Endogenous Opioid Mechanism. <i>Frontiers in Neuroscience</i> , 2021, 15, 696861.	1.4	12
1056	Interactions between caseins and food-derived bioactive molecules: A review. <i>Food Chemistry</i> , 2021, 359, 129820.	4.2	13
1057	Green solvents to tune the biomolecules' solubilization in aqueous media: An experimental and in silico approach by COSMO-RS. <i>Journal of Molecular Liquids</i> , 2021, 341, 117314.	2.3	9

#	ARTICLE	IF	CITATIONS
1058	Optical spectroscopy study of the interaction between curcumin and acrylic polymers. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 260, 119954.	2.0	2
1059	Development of water-dispersible gelatin stabilized hydroxyapatite nanoformulation for curcumin delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 66, 102769.	1.4	7
1060	Antimicrobial and antioxidant potential of a standardized Ayurvedic formulation explains its clinical efficacy as gargles in post-radiotherapy oral cancer patients. <i>Journal of Herbal Medicine</i> , 2021, 30, 100510.	1.0	1
1061	Curcumin ameliorated the mercuric chloride induced depression and anxiety in female mice offspring. <i>Environmental Research</i> , 2022, 204, 112031.	3.7	9
1062	Anti-inflammatory activity of curcumin-loaded tetrahedral framework nucleic acids on acute gouty arthritis. <i>Bioactive Materials</i> , 2022, 8, 368-380.	8.6	142
1063	Biopreservation and Quality Enhancement of Fish Surimi Using Colorant Plant Extracts. <i>Journal of Food Quality</i> , 2021, 2021, 1-8.	1.4	8
1065	Chitosan Polymeric Micelles as Oral Delivery Platform of Hydrophobic Anticancer Drugs. <i>Advances in Polymer Science</i> , 2021, , 251-270.	0.4	0
1066	The NUTRA-SNACKS Project: Basic Research and Biotechnological Programs on Nutraceuticals. <i>Advances in Experimental Medicine and Biology</i> , 2010, 698, 1-16.	0.8	7
1067	Natural compounds as inducers of cell death. , 2012, , .		6
1068	Essential Oils Extracted from Medicinal Plants and Their Applications. , 2019, , 237-283.		16
1069	Pharmacokinetics and pharmacodynamics of three oral formulations of curcumin in rats. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , 2020, 47, 131-144.	0.8	15
1070	Nanofiber composites in skin tissue engineering. , 2017, , 275-300.		8
1071	Fatty acid chain length impacts nanonizing capacity of albumin-fatty acid nanomicelles: Enhanced physicochemical property and cellular delivery of poorly water-soluble drug. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020, 152, 257-269.	2.0	15
1072	Photodynamic inactivation against <i>Pseudomonas aeruginosa</i> by curcumin microemulsions. <i>RSC Advances</i> , 2016, 6, 63013-63022.	1.7	20
1073	Antiviral and virucidal effects of curcumin on transmissible gastroenteritis virus in vitro. <i>Journal of General Virology</i> , 2020, 101, 1079-1084.	1.3	29
1075	Curcumin Attenuates Chronic Unpredictable Mild Stress-Induced Depressive-Like Behaviors via Restoring Changes in Oxidative Stress and the Activation of Nrf2 Signaling Pathway in Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-11.	1.9	59
1076	Curcumin prevents and reverses murine cardiac hypertrophy. <i>Journal of Clinical Investigation</i> , 2008, 118, 879-93.	3.9	96
1077	KURKUMÄ°N, KUERSETÄ°N VE Å†AY KATEÄžÄ°NLERÄ°NÄ°N ANTÄ°-KANSER ETKÄ°LERÄ°. <i>Marmara Pharmaceutical Journal</i> , 2016, 21, 19-29.	0,5	10

#	ARTICLE	IF	CITATIONS
1078	Curcumin Down-Regulates DNA Methyltransferase 1 and Plays an Anti-Leukemic Role in Acute Myeloid Leukemia. PLoS ONE, 2013, 8, e55934.	1.1	121
1079	Curcumin Inhibits Non-Small Cell Lung Cancer Cells Metastasis through the Adiponectin/NF- $\kappa$ B/MMPs Signaling Pathway. PLoS ONE, 2015, 10, e0144462.	1.1	78
1080	Monoamine oxidase-A inhibitory activity of novel Curcumin analogues. Journal of Pharmaceutical Chemistry, 2015, 2, 12.	0.2	4
1081	Curcumin bioavailability issues and its effect on birth defects. , 2018, 5, .		1
1082	Effect of NF-kappaB activation inhibitor curcumin on the oogenesis and follicular cell death in immune ovarian failure in mice. Fiziolohichniy Zhurnal (Kiev, Ukraine: 1994), 2010, 56, 96-101.	0.1	12
1083	In Silico Target Identification and Validation for Antioxidant and Anti-inflammatory Activity of Selective Phytochemicals.. Brazilian Archives of Biology and Technology, 0, 62, .	0.5	11
1084	Curcumin and curcuminoids in quest for medicinal status.. Acta Biochimica Polonica, 2012, 59, .	0.3	115
1085	Curcumin downregulates the expression of Snail via suppressing Smad2 pathway to inhibit TGF- $\beta$ 1-induced epithelial-mesenchymal transitions in hepatoma cells. Oncotarget, 2017, 8, 108498-108508.	0.8	25
1086	Curcumin supplementation attenuates the decrease in endothelial function following eccentric exercise. Journal of Exercise Nutrition & Biochemistry, 2019, 23, 7-12.	1.3	19
1087	Impact of Epigenetic Dietary Components on Cancer through Histone Modifications. Current Medicinal Chemistry, 2015, 22, 2051-2064.	1.2	44
1088	<sup>99m</sup> Tc-labeled Small Molecules for Diagnosis of Alzheimer's Disease: Past, Recent and Future Perspectives. Current Medicinal Chemistry, 2019, 26, 2166-2189.	1.2	4
1089	A Review of Therapeutic Effects of Curcumin. Current Pharmaceutical Design, 2013, 19, 2032-2046.	0.9	157
1090	Understanding the Interaction Between Human Serum Albumin and Anti-Bacterial/ Anti-Cancer Compounds. Current Pharmaceutical Design, 2015, 21, 1785-1799.	0.9	25
1091	Phytochemicals as Potential Curative Agents against Viral Infection: A Review. Current Organic Chemistry, 2020, 24, 2356-2366.	0.9	4
1092	Curcumin Therapeutic Modulation of the Wnt Signaling Pathway. Current Pharmaceutical Biotechnology, 2020, 21, 1006-1015.	0.9	28
1093	Transformation of Curcumin from Food Additive to Multifunctional Medicine: Nanotechnology Bridging the Gap. Current Drug Discovery Technologies, 2014, 11, 197-213.	0.6	37
1094	Determination of Curcuminoids by Liquid Chromatography with Diode Array Detection: Application to the Characterization of Turmeric and Curry Samples. Current Analytical Chemistry, 2020, 16, 95-105.	0.6	5
1095	Metal Complexes of Natural Product Like-compounds with Antitumor Activity. Anti-Cancer Agents in Medicinal Chemistry, 2019, 19, 48-65.	0.9	15



#	ARTICLE	IF	CITATIONS
1096	A Detailed Insight of the Anti-inflammatory Effects of Curcumin with the Assessment of Parameters, Sources of ROS and Associated Mechanisms. <i>Open Medicine Journal</i> , 2019, 6, 64-76.	0.5	20
1097	Chemical Composition and Product Quality Control of Turmeric ( <i>Curcuma longa</i> L.). <i>Pharmaceutical Crops</i> , 2011, 5, 28-54.	0.1	244
1098	Developmental Studies of Curcumin NLCs as Safe Alternative in Management of Infectious Childhood Dermatitis. <i>Nanoscience and Nanotechnology - Asia</i> , 2020, 10, 390-403.	0.3	3
1099	Concentration- Dependent Effects of Curcumin on 5-Fluorouracil Efficacy in Bladder Cancer Cells. <i>Asian Pacific Journal of Cancer Prevention</i> , 2017, 18, 3225-3230.	0.5	10
1101	Medicinal plants for gingivitis: a review of clinical trials. <i>Iranian Journal of Basic Medical Sciences</i> , 2018, 21, 978-991.	1.0	24
1102	Novel Insight to Neuroprotective Potential of Curcumin: A Mechanistic Review of Possible Involvement of Mitochondrial Biogenesis and PI3/Akt/ GSK3 or PI3/Akt/CREB/BDNF Signaling Pathways. <i>International Journal of Molecular and Cellular Medicine</i> , 2020, 9, 1-32.	1.1	24
1103	Age-dependent different action of curcumin in thyroid of rat.. <i>Folia Histochemica Et Cytobiologica</i> , 2008, 46, 205-11.	0.6	16
1104	Curcumin and Nanocurcumin Oral Supplementation Improve Muscle Healing in a Rat Model of Surgical Muscle Laceration. <i>Bulletin of Emergency and Trauma</i> , 2019, 7, 292-299.	0.4	10
1105	Effect of Curcumin on Bax, Bcl-2, Antioxidant Enzymes and Lipid Peroxidation of Sperm after Freezing Procedure. <i>Journal of Ardabil University of Medical Sciences</i> , 2018, 18, 120-130.	0.1	1
1106	Effect of Different Levels of Nanoparticle Curcumin on Egg Quality, Blood Parameters, Immune Response and Digestibility in Laying Hens. <i>Research on Animal Production</i> , 2018, 9, 26-34.	0.2	2
1107	Inhibitory effect of curcuminoids and tetrahydrocurcuminoids on equine activated neutrophils and myeloperoxidase activity. <i>Physiological Research</i> , 2008, 57, 577-587.	0.4	35
1108	Preparation of Solid Lipid Nanoparticles for Enhancement of Oral Bioavailability of Curcumin. , 0, , .		3
1109	The Role of Natural Antioxidants Against Reactive Oxygen Species Produced by Cadmium Toxicity: A Review. <i>Advanced Pharmaceutical Bulletin</i> , 2020, 10, 184-202.	0.6	132
1110	Reversal of Doxorubicin-induced Cardiotoxicity by Using Phytotherapy: A Review. <i>Journal of Pharmacopuncture</i> , 2017, 20, 243-256.	0.4	20
1111	Curcumin inhibits endoplasmic reticulum stress induced by cerebral ischemiaâ€reperfusion injury in rats. <i>Experimental and Therapeutic Medicine</i> , 2017, 14, 4047-4052.	0.8	21
1112	The roles of curcumin in regulating the tumor immunosuppressive microenvironment (Review). <i>Oncology Letters</i> , 2020, 19, 3059-3070.	0.8	21
1113	Ameliorating effects of curcumin on nicotine-induced mice testes. <i>Turkish Journal of Medical Sciences</i> , 2016, 46, 549-560.	0.4	7
1114	MMP-13 Inhibitory Activity of Thirteen Selected Plant Species from Okinawa. <i>International Journal of Pharmacology</i> , 2008, 4, 202-207.	0.1	12

#	ARTICLE	IF	CITATIONS
1115	Clinical Study of Turmeric ( <i>Curcuma longa</i> L.) and Garlic ( <i>Allium sativum</i> L.) Extracts as Antihyperglycemic and Antihyperlipidemic Agent in Type-2 Diabetes-Dyslipidemia Patients. <i>International Journal of Pharmacology</i> , 2010, 6, 456-463.	0.1	60
1116	Interaction Between Curcumin and Opioid System in the Formalin Test of Rats. <i>Pakistan Journal of Biological Sciences</i> , 2007, 10, 2583-2586.	0.2	29
1117	Protective effects of curcumin in APPswe transfected SH-SY5Y cells. <i>Neural Regeneration Research</i> , 2012, 7, 405-12.	1.6	15
1118	The critical roles of miR-21 in anti-cancer effects of curcumin. <i>Annals of Translational Medicine</i> , 2015, 3, 330.	0.7	31
1119	A pilot cross-over study to evaluate human oral bioavailability of BCM-95 <sup>®</sup> CG (Biocurcumax <sup>TM</sup> ), a novel bioenhanced preparation of curcumin. <i>Indian Journal of Pharmaceutical Sciences</i> , 2008, 70, 445.	1.0	226
1120	Comparative evaluation of the efficacy of curcumin gel with and without photo activation as an adjunct to scaling and root planing in the treatment of chronic periodontitis: A split mouth clinical and microbiological study. <i>Journal of Natural Science, Biology and Medicine</i> , 2015, 6, 102.	1.0	56
1121	Innovative evaluation of local injective gel of curcumin on the orthodontic tooth movement in rats. <i>Dental Research Journal</i> , 2018, 15, 40.	0.2	13
1122	Quantitative Determination of Curcuminoids from the Roots of <i>Curcuma longa</i> , <i>Curcuma</i> species and Dietary Supplements Using an UPLC-UV-MS Method. <i>Journal of Chromatography &amp; Separation Techniques</i> , 2012, 03, .	0.2	13
1123	Studies on Dissolution Behaviour of Nanoparticulate Curcumin Formulation. <i>Advances in Nanoparticles</i> , 2013, 02, 51-59.	0.3	24
1124	Isolated Endophytic Fungi from the Plant <i>Curcuma longa</i> and Their Potential Bioactivity – A Review. <i>Pharmacology &amp; Pharmacy</i> , 2019, 10, 244-270.	0.2	5
1125	Antibacterial and NMR analysis of <i>Curcuma xanthorrhiza</i> extract and fractions. <i>Journal of Mathematical and Fundamental Sciences</i> , 2014, 46, 224-234.	0.3	11
1126	Role of <i>Curcuma longa</i> , a traditional ayurvedic medicinal plant, in diabetes. <i>Tang [humanitas Medicine]</i> , 2012, 2, 31.1-31.7.	0.2	2
1127	Bioactive Food Components for Melanoma: An Overview. , 0, , .		1
1128	Curcumin Reorganizes miRNA Expression in a Mouse Model of Liver Fibrosis. <i>Asian Pacific Journal of Cancer Prevention</i> , 2012, 13, 5405-5408.	0.5	23
1129	Curcumin Effect on MMPs and TIMPs Genes in a Breast Cancer Cell Line. <i>Asian Pacific Journal of Cancer Prevention</i> , 2012, 13, 3259-3264.	0.5	49
1130	Antiproliferative and Apoptotic Effect of Curcumin and TRAIL (TNF Related Apoptosis inducing Ligand) in Chronic Myeloid Leukaemic Cells. <i>Journal of Clinical and Diagnostic Research JCDR</i> , 2016, 10, XC01-XC05.	0.8	11
1131	Health Benefits of Curcumin in the Prevention and Treatment of Diseases. <i>International Journal of Pharmaceutical and Bio-medical Science</i> , 2021, 01, .	0.0	0
1132	An Overview of the Medicinally Important Plant Type III PKS Derived Polyketides. <i>Frontiers in Plant Science</i> , 2021, 12, 746908.	1.7	16

#	ARTICLE	IF	CITATIONS
1133	Advances in smart delivery of food bioactive compounds using stimuli-responsive carriers: Responsive mechanism, contemporary challenges, and prospects. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2021, 20, 5449-5488.	5.9	15
1134	Extraction of selected prohealth substances from <i>Curcuma longa</i> and <i>Zingiber officinale</i> in artificial digestive juices. <i>Journal of the Science of Food and Agriculture</i> , 2021, , .	1.7	1
1135	Revisiting Therapeutic Strategies for <i>H. pylori</i> Treatment in the Context of Antibiotic Resistance: Focus on Alternative and Complementary Therapies. <i>Molecules</i> , 2021, 26, 6078.	1.7	26
1136	Development of Practical Nanocapsules Including Functional Food Materials. <i>Oleoscience</i> , 2008, 8, 151-157.	0.0	0
1137	Overcoming Drug Resistance by Phytochemicals. , 2009, , 315-342.		1
1138	The Anticarcinogenic Properties of Culinary Herbs and Spices. , 2010, , 671-701.		0
1139	Botanical Antioxidants for Skin Protection: An Overview. , 2010, , 51-63.		0
1140	Development and practical application of HPLC methods for medicaments and related compounds. <i>Chromatography</i> , 2011, 32, 1-7.	0.8	2
1142	The Beneficial Effects of Nutritional Compounds on Breast Cancer Metastasis. , 0, , .		0
1144	Natural Products as Tools for Discovering New Cancer Targets. , 2013, , 213-237.		5
1145	Achievements, Questions Arising and Future Outlook on the Path to Discover New Medicinal Compounds. , 2013, , 407-417.		0
1146	Basic and Translational Research on Dietary Phytochemicals and Cancer Prevention. , 2013, , 127-156.		0
1147	Molecular Targeted Therapies Using Botanicals for Prostate Cancer Chemoprevention. <i>Translational Medicine (Sunnyvale, Calif)</i> , 2013, 01, 005.	0.4	5
1148	ISOLATION AND DESCRIPTION OF ANTIMICROBIAL AND ANTI-TUMOR PRODUCED BY <i>ACTINOMYCES</i> SP.. <i>Al-Azhar Bulletin of Science</i> , 2013, 24, 49-64.	0.0	0
1149	Phytochemicals of nutraceutical importance from <i>Curcuma longa</i> L. and their role in human health.. , 2014, , 266-287.		1
1150	TURMERIC ( <i>Curcuma longa</i> Linn.) SUPPLEMENTATION AS AN ALTERNATIVE TO ANTIBIOTICS IN POULTRY DIETS. <i>Wartazoa</i> , 2014, 23, .	0.2	6
1151	A theoretical study of <i>Curcuma longa</i> s anticancer agents, curcumin I and curcumin II, Å±n blood and gas by using density functional theory (DFT) and hartreefock (HF). <i>International Journal of Medicine and Medical Sciences</i> , 2014, 6, 146-150.	0.3	3
1152	Oriental Traditional Philosophy and Food Function. , 2014, , 413-422.		1

#	ARTICLE	IF	CITATIONS
1153	Bioactive phytomolecules and aging in <i>Caenorhabditis elegans</i> . <i>Healthy Aging Research</i> , 0, , .	0.3	1
1154	Influence of Curcumin on the Synthetic Drug Amoxicillin. <i>Science International</i> , 2015, 3, 64-68.	0.4	0
1155	Preventive and Protective Effect of Nishamalaki in STZ Induced Diabetic Complications in Wistar Rats. <i>Journal of Clinical and Diagnostic Research JCDR</i> , 2016, 10, FF01-4.	0.8	3
1156	Potential Therapeutical Compounds and Scientific Performance of Brazilian Researchers. <i>Anais Da Academia Brasileira De Ciencias</i> , 2016, 88, 1601-1602.	0.3	0
1157	Polyester Particles for Curcumin Delivery. , 2016, , 651-673.		0
1158	STUDY ON KNEE OSTEOARTHRITIS WITH A LINANI POLY HERBAL FORMULATION: A SERIES OF CASE STUDIES. <i>International Journal of Research in Ayurveda and Pharmacy</i> , 2016, 7, 102-104.	0.0	0
1159	Wound healing by marigold ( <i>Calendula officinalis</i> ) and turmeric ( <i>Curcuma longa</i> ) Paste: A comparative approach. <i>Journal of Advanced Veterinary and Animal Research</i> , 2017, 4, 333.	0.5	4
1160	Cancer and Biotechnology: A Matchup that Should Never Slowdown. , 2017, , 73-97.		2
1161	Role of Curcumin: A Suppressor of NF- $\kappa$ B Activity in Hepatocellular Carcinoma. , 2017, , 437-447.		0
1162	Marine Biopolymers for Anticancer Drugs. , 2017, , 289-304.		0
1163	Studies on Pathogenicity of Root-Knot Nematode, <i>Meloidogyne incognita</i> on Turmeric. <i>International Journal of Current Microbiology and Applied Sciences</i> , 2018, 7, 942-948.	0.0	1
1164	Catálogo comentado de la colección herpetológica procedente de Marruecos del Museo Nacional de Ciencias Naturales (Madrid, España), con énfasis en el material colectado durante expediciones históricas. <i>Graellsia</i> , 2018, 74, 071.	0.1	1
1165	An in vitro evaluation of cytotoxicity of curcumin against human periodontal ligament fibroblasts. <i>AYU: an International Quarterly Journal of Research in Ayurveda</i> , 2019, 40, 192.	0.3	7
1166	Buccal Delivery of Curcumin to Address Its Poor Gastrointestinal Stability. , 2019, , 321-333.		0
1167	Curcumin Supplementation and Its Effect on Recovery Process Following Peripheral Fatigue. , 0, , .		1
1168	Curcumin in Therapeutics: From Molecule to Nanomaterials. <i>Springer Proceedings in Physics</i> , 2019, , 161-177.	0.1	0
1169	Kurkumin Yarıklı Biyo-Bazlı Elektroyime Poliüretan Yapımlar. <i>Cumhuriyet Science Journal</i> , 2019, 40, 125-135.	0.1	7
1170	Effect of the storage temperature on curcumin content in food supplement by spectrophotometry method. , 2019, , .		1

#	ARTICLE	IF	CITATIONS
1171	Thermosensitive nanocomposite hydrogel based pluronic-grafted gelatin and nanocurcumin for enhancing burn healing. <i>Science and Technology Development Journal - Natural Sciences</i> , 2019, 2, 146-154.	0.0	0
1172	The Use of "Fermeherbafit" (Mixed Herbs) in Broiler Chicken Feed on Performance and Cholesterol profile. <i>Animal Production</i> , 2019, 20, 139.	0.2	2
1173	Preclinical evaluation of antioxidant, anti-inflammatory, cytotoxic and lipid-lowering properties of a nutraceutical from <i>Curcuma longa</i> cultivated in Cuba. <i>Pharmacy &amp; Pharmacology International Journal</i> , 2019, 7, 319-325.	0.1	0
1174	Curcumin and related antioxidants: applications to tissue pathology. , 2020, , 197-204.		0
1175	Role of Phytochemicals in Cancer Cell Metabolism Regulation. , 2020, , 167-184.		1
1176	Investigating the diversity of arbuscular mycorrhizal fungi from <i>Gymnema sylvestre</i> and <i>Curcuma longa</i> in Vietnam. <i>Tap Chi Cong Nghe Sinh Hoc</i> , 2020, 16, 697-703.	0.0	1
1177	Effect of Limonene on Cancer Development in Rodent Models: A Systematic Review. <i>Frontiers in Sustainable Food Systems</i> , 2021, 5, .	1.8	7
1178	Dendrosomal Nano-Curcumin Modulates P-Glycoprotein Activity and Induces Apoptosis in Wild Type and P53-Mutant Breast Cancer Cell Lines. <i>Jentashapir Journal of Cellular and Molecular Biology</i> , 2020, 11, .	0.1	3
1179	The effect of curcumin on paraoxonase and arylesterase enzyme activities in scaly carp ( <i>Cyprinus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.1	1
1180	Effectiveness of curcumin Longa and Piper Betle extracts to disinfect diabetic bacteria. <i>Materials Today: Proceedings</i> , 2020, 31, A166-A169.	0.9	0
1181	Senolytic Drug Development. <i>Healthy Ageing and Longevity</i> , 2020, , 3-20.	0.2	2
1182	Evaluation of the Effect of Aerobic Exercise and Curcumin Consumption on HPG Axis (Hypothalamus-Pituitary-Gonadotropic) in Alcohol Binge Drinking Rats. <i>Nutrition and Food Sciences Research</i> , 2020, 7, 13-19.	0.3	1
1183	Hexane Extract of <i>Curcuma Longa</i> L. Inhibits the Activities of Key Enzymes and Pro- inflammatory Adipokines Linked to Obesity. <i>European Journal of Integrative Medicine</i> , 2021, , 101400.	0.8	0
1184	DEVELOPMENT AND VALIDATION OF CHEMOMETRIC-ASSISTED UV-SPECTROPHOTOMETRIC METHOD FOR EPIGALLOCATECHIN GALLATE AND CURCUMIN IN TABLET FORMULATION. <i>Indian Drugs</i> , 2020, 57, 45-51.	0.1	1
1185	Biochemical and histological evaluation of testicular and hepatic acute toxicity induced by formaldehyde and the possible protective effect of curcumin in adult male albino rats. <i>The Scientific Journal of Al-Azhar Medical Faculty Girls</i> , 2020, 4, 52.	0.2	0
1186	Curcumin Nanoemulsion: Evaluation of Stability and Anti-Cancer Activity <i>In Vitro</i> . <i>Journal of Nano Research</i> , 0, 64, 21-37.	0.8	0
1187	Curcumin is not a ligand for peroxisome proliferator-activated receptor- $\beta$ . <i>Gene Therapy and Molecular Biology</i> , 2009, 13, 20-25.	1.3	19
1189	An investigation of the neuroprotective effects of Curcumin in a model of Homocysteine - induced oxidative stress in the rat's brain. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2010, 18, 128-36.	0.9	18

#	ARTICLE	IF	CITATIONS
1191	Evaluation of curcumin effects on post-operative peritoneal adhesion in rats. Iranian Journal of Basic Medical Sciences, 2012, 15, 1162-7.	1.0	8
1192	Effect of curcumin, the active constituent of turmeric, on penicillin-induced epileptiform activity in rats. Avicenna Journal of Phytomedicine, 2012, 2, 196-205.	0.1	5
1193	Interaction between the antioxidant activity of curcumin and cholinergic system on memory retention in adult male Wistar rats. Iranian Journal of Basic Medical Sciences, 2015, 18, 398-403.	1.0	8
1194	Protective effect of curcumin on experimentally induced arthritic rats: detailed histopathological study of the joints and white blood cell count. EXCLI Journal, 2012, 11, 226-36.	0.5	20
1195	Novel delivery system for natural products: Nano-curcumin formulations. Avicenna Journal of Phytomedicine, 2016, 6, 383-98.	0.1	66
1197	A review study on the effect of Iranian herbal medicines against replication of herpes simplex virus. Avicenna Journal of Phytomedicine, 2016, 6, 506-515.	0.1	10
1198	Effects of turmeric () and vitamin E on histopathological lesions induced in bursa of Fabricius of broiler chicks by salinomycin. Veterinary Research Forum, 2017, 8, 231-236.	0.3	2
1199	The Effect of Curcumin on TNF- $\alpha$ , IL-6 and CRP Expression in a Model of Polycystic Ovary Syndrome as an Inflammation State. Journal of Reproduction and Infertility, 2017, 18, 352-360.	1.0	32
1200	Evaluation of the Anti-schistosomal Effects of Turmeric () Versus Praziquantel in Infected Mice. Iranian Journal of Parasitology, 2017, 12, 587-596.	0.6	12
1202	The effects of curcumin and a modified curcumin formulation on serum Cholesteryl Ester Transfer Protein concentrations in patients with metabolic syndrome: A randomized, placebo-controlled clinical trial. Avicenna Journal of Phytomedicine, 2018, 8, 330-337.	0.1	6
1203	SPION Conjugated Curcumin Nano-Imaging Probe: Synthesis and Bio-Physical Evaluation. Iranian Journal of Pharmaceutical Research, 2019, 18, 183-197.	0.3	6
1204	Role of dietary spices in modulating inflammation and oxidative stress. , 2022, , 545-580.		0
1205	Recent Advancement in Chitosan-Based Nanoparticles for Improved Oral Bioavailability and Bioactivity of Phytochemicals: Challenges and Perspectives. Polymers, 2021, 13, 4036.	2.0	31
1206	Protective Effects of Curcumin on Pulmonary Arterial Hypertension. Advances in Experimental Medicine and Biology, 2021, 1328, 213-221.	0.8	1
1207	Curcumin encapsulation in functional PLGA nanoparticles: A promising strategy for cancer therapies. Advances in Colloid and Interface Science, 2022, 300, 102582.	7.0	40
1208	Research progress of matrine's anticancer activity and its molecular mechanism. Journal of Ethnopharmacology, 2022, 286, 114914.	2.0	13
1209	Toxicity assessment of silica nanoparticles, and their conjugates with curcumin on Drosophila melanogaster. Environmental Nanotechnology, Monitoring and Management, 2022, 17, 100616.	1.7	3
1210	SIMULTANEOUS ESTIMATION OF CURCUMIN AND GEFITINIB IN BULK AND TISSUE SAMPLES (PLASMA AND) Tj ETQg1 1 0.784314 rgB	0.1	0

#	ARTICLE	IF	CITATIONS
1211	Development of fully bio-based pectin/curcumin@bio-MOF-11 for colon specific drug delivery. <i>Chemical Papers</i> , 2022, 76, 2969-2979.	1.0	14
1212	Curcumin Attenuates the PERK-eIF2 $\alpha$ Signaling to Relieve Acrylamide-Induced Neurotoxicity in SH-SY5Y Neuroblastoma Cells. <i>Neurochemical Research</i> , 2022, 47, 1037-1048.	1.6	8
1213	A self-colored waterborne polyurethane film with natural curcumin as a chain extender and excellent UV-Absorbing properties. <i>Polymer</i> , 2022, 239, 124465.	1.8	9
1214	Waste eggshell-derived CaO-Ag composite and Ca(II) Curcumin Complex antimicrobial materials. <i>Journal of Sol-Gel Science and Technology</i> , 2022, 101, 370-379.	1.1	3
1215	A Comorbid Rat Model of Neuroendocrine-Immune System Alterations Under the Impact of Risk Factors for Stroke. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 827503.	1.7	0
1216	Progress in Colloid Delivery Systems for Protection and Delivery of Phenolic Bioactive Compounds: Two Study Cases—Hydroxytyrosol and Curcumin. <i>Molecules</i> , 2022, 27, 921.	1.7	7
1217	Evaluation of the hepatoprotective effect of curcumin-loaded solid lipid nanoparticles against paracetamol overdose toxicity: Role of inducible nitric oxide synthase. <i>Journal of Liposome Research</i> , 2022, 32, 365-375.	1.5	10
1218	Cellular and Molecular Mechanisms of Curcumin in Thyroid Gland Disorders. <i>Current Medicinal Chemistry</i> , 2022, 29, 2878-2890.	1.2	4
1219	Rice bran wax structured oleogels and in vitro bioaccessibility of curcumin. <i>JAACS, Journal of the American Oil Chemists' Society</i> , 2022, 99, 299-311.	0.8	6
1220	Fabrication and characterization of curcumin loaded ovalbumin nanocarriers and bioactive properties. <i>Food Science and Technology</i> , 0, 42, .	0.8	3
1221	Synthesis and characterization of silver nanoparticles using curcumin: cytotoxic, apoptotic, and necrotic effects on various cell lines. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2022, 77, 343-350.	0.6	22
1222	The Multifaceted Role of Neuroprotective Plants in Alzheimer's Disease Treatment. <i>Geriatrics (Switzerland)</i> , 2022, 7, 24.	0.6	13
1223	Characterization of sodium carboxymethyl cellulose/calcium alginate scaffold loaded with curcumin in skin tissue engineering. <i>Journal of Applied Polymer Science</i> , 2022, 139, 52271.	1.3	2
1224	Effect of Structured Diabetes Education on Diabetic Angiopathies Among Kidney Transplant Recipients With Posttransplant Diabetes: Kuwait Experience. <i>Experimental and Clinical Transplantation</i> , 2022, 20, 46-54.	0.2	0
1225	Molecular Targets of Curcumin and Its Therapeutic Potential for Ovarian Cancer. <i>Nutrition and Cancer</i> , 2022, 74, 2713-2730.	0.9	8
1226	Tautomers and Rotamers of Curcumin: A Combined UV Spectroscopy, High-Performance Liquid Chromatography, Ion Mobility Mass Spectrometry, and Electronic Structure Theory Study. <i>Journal of Physical Chemistry A</i> , 2022, 126, 1591-1604.	1.1	11
1227	Effect of Turmeric Supplementation on Blood Pressure and Serum Levels of Sirtuin 1 and Adiponectin in Patients with Nonalcoholic Fatty Liver Disease: A Double-Blind, Randomized, Placebo-Controlled Trial. <i>Preventive Nutrition and Food Science</i> , 2022, 27, 37-44.	0.7	8
1228	Effect of Drying Methods and Processing Conditions on the Quality of Curcuma longa Powder. <i>Processes</i> , 2022, 10, 702.	1.3	4



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1229	Mononuclear and polymeric zinc(II) $\beta$ -diketonate complexes with aromatic N-donor ligands: Structural, spectral, thermal, theoretical and docking studies. <i>Polyhedron</i> , 2022, 218, 115757.	1.0	0
1230	Interaction behavior of curcumin encapsulated onto functionalized SBA-15 as an efficient carrier and release in drug delivery. <i>Journal of Molecular Structure</i> , 2022, 1260, 132879.	1.8	59
1231	Synthesis, characterization and evaluation of antibacterial activity of copper(II)-curcumin complex against staphylococcus aureus. , 2021, , 52-57.		0
1232	Scrutinizing the Feasibility of Nonionic Surfactants to Form Isotropic Bicelles of Curcumin: a Potential Antiviral Candidate Against COVID-19. <i>AAPS PharmSciTech</i> , 2022, 23, 44.	1.5	30
1233	Synthesis of bis(ylidene) cyclohexanones and their antifungal activity against selected plant pathogenic fungi. <i>Molecular Diversity</i> , 2022, , 1.	2.1	0
1234	Kurkuminin Ishikawa Hattında Canı ve Apoptoz Üzerindeki Etkileri. <i>Uludağ Üniversitesi Tıp Fakültesi Dergisi</i> , 0, , .	0.2	0
1237	The anti-proliferative and apoptotic effects of curcumin on feline mammary gland tumor cells. <i>Iranian Journal of Veterinary Research</i> , 2021, 22, 222-229.	0.4	1
1238	A Sensitive Spectrofluorimetric Method for Curcumin Analysis. <i>Journal of Fluorescence</i> , 2022, 32, 1517-1527.	1.3	13
1239	Exploring the role of senescence inducers and senotherapeutics as targets for anticancer natural products. <i>European Journal of Pharmacology</i> , 2022, 928, 174991.	1.7	7
1240	The effect of curcumin supplementation on delayed-onset muscle soreness, inflammation, muscle strength, and joint flexibility: A systematic review and dose-response meta-analysis of randomized controlled trials. <i>Phytotherapy Research</i> , 2022, , .	2.8	1
1241	Triggered and controlled release of bioactives in food applications. <i>Advances in Food and Nutrition Research</i> , 2022, , 49-107.	1.5	5
1242	Curcumin mitigates lipopolysaccharide-induced anxiety/depression-like behaviors, blood-brain barrier dysfunction and brain edema by decreasing cerebral oxidative stress in male rats. <i>Neuroscience Letters</i> , 2022, 782, 136697.	1.0	16
1243	Carboxymethyl chitosan and carboxymethyl cellulose based self-healing hydrogel for accelerating diabetic wound healing. <i>Carbohydrate Polymers</i> , 2022, 292, 119687.	5.1	46
1244	Curcumin reduces oxidative stress and fat deposition in <i>longissimus dorsi</i> muscle of intrauterine growth-retarded finishing pigs. <i>Animal Science Journal</i> , 2022, 93, .	0.6	7
1246	Curcumin. , 2022, , 341-352.		0
1247	Encapsulation of curcumin within oil-in-water emulsions prepared by premix membrane emulsification: Impact of droplet size and carrier oil on the chemical stability of curcumin. <i>Food Research International</i> , 2022, 157, 111475.	2.9	21
1248	Curcumin and quercetin modify warfarin-induced regulation of porcine CYP1A2 and CYP3A expression and activity <i>in vitro</i> . <i>Xenobiotica</i> , 2022, 52, 435-441.	0.5	1
1249	Review on Analytical Methodologies, Chemical and Therapeutic Perspectives of Curcumin: A Ubiquitous Natural Molecule. <i>Current Pharmaceutical Analysis</i> , 2022, 18, 777-794.	0.3	1

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1250	Effect of Nano-Curcumin on Radiotherapy-Induced Skin Reaction in Breast Cancer Patients: A Randomized, Triple-Blind, Placebo-Controlled Trial. <i>Current Radiopharmaceuticals</i> , 2022, 15, 332-340.	0.3	14
1251	Curcumin-based waterborne polyurethane-gelatin composite bioactive films for effective UV shielding and inhibition of oil oxidation. <i>Food Control</i> , 2022, 141, 109199.	2.8	16
1252	Curcumin assisted green synthesis of silver and zinc oxide nanostructures and their antibacterial activity against some clinical pathogenic multi-drug resistant bacteria. <i>RSC Advances</i> , 2022, 12, 18022-18038.	1.7	15
1253	Alcohol-Induced Oxidative Stress and the Role of Antioxidants in Alcohol Use Disorder: A Systematic Review. <i>Antioxidants</i> , 2022, 11, 1374.	2.2	28
1254	Prenylated Flavonoids in Topical Infections and Wound Healing. <i>Molecules</i> , 2022, 27, 4491.	1.7	16
1255	Protective effect of surfactant modified phytosterol oleogels on loaded curcumin. <i>Journal of the Science of Food and Agriculture</i> , 2023, 103, 135-142.	1.7	1
1256	Interfacial engineering approaches to improve emulsion performance: Properties of oil droplets coated by mixed, multilayer, or conjugated lactoferrin-hyaluronic acid interfaces. <i>Food Hydrocolloids</i> , 2022, 133, 107938.	5.6	11
1257	Therapeutic activities and biological effects of curcumin, as a natural multi-target compound, on human health: A minireview. <i>Journal of Shahrekord University of Medical Sciences</i> , 2022, 24, 145-152.	0.1	3
1258	Development of UV spectrophotometric method for estimation of curcumin in bulk drug and nanogel formulation: A hydrolytic degradation studies. <i>International Journal of Pharmaceutical Chemistry and Analysis</i> , 2022, 9, 87-92.	0.1	0
1259	Curcumin Sensitises Cancerous Kidney Cells to TRAIL Induced Apoptosis via Let-7C Mediated Deregulation of Cell Cycle Proteins and Cellular Metabolism. <i>International Journal of Molecular Sciences</i> , 2022, 23, 9569.	1.8	7
1260	Improved bioavailability of curcumin by derivatisation with isoleucine in plasma and reproductive tissues of female rats is mainly due to altered affinity for P-gp transporter. <i>Current Bioactive Compounds</i> , 2022, 18, .	0.2	0
1261	Application of Nanomicelles in Enhancing Bioavailability and Biological Efficacy of Bioactive Nutrients. <i>Polymers</i> , 2022, 14, 3278.	2.0	6
1262	Bioactive Effects of Curcumin in Human Immunodeficiency Virus Infection Along with the Most Effective Isolation Techniques and Type of Nanoformulations. <i>International Journal of Nanomedicine</i> , 0, Volume 17, 3619-3632.	3.3	20
1263	A bibliometric analysis of the 100 most-cited articles on curcumin. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	7
1264	Anticancer properties of ZnO-Curcumin nanocomposite against melanoma cancer and its genotoxicity profiling. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 75, 103703.	1.4	4
1265	Development of PVA/Chitosan-g-Poly (N-vinyl imidazole)/TiO <sub>2</sub> /curcumin nanofibers as high-performance wound dressing. <i>Carbohydrate Polymers</i> , 2022, 296, 119956.	5.1	27
1266	Dual-modified starch nanoparticles containing aromatic systems with highly efficient encapsulation of curcumin and their antibacterial applications. <i>Food Research International</i> , 2022, 162, 111926.	2.9	4
1267	In vitro release mechanism and cytotoxic behavior of curcumin loaded casein nanoparticles. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 0, 58, .	1.2	2

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1268	Pinto Bean Protein Ultrasonicated Cold-Set Emulsion Gels Catalyzed by Transglutaminase/Glucono- $\delta$ -Lactone: Development, Characterization and in Vitro Release Characteristics. SSRN Electronic Journal, 0, , .	0.4	0
1269	Plant metabolite diosmin as the therapeutic agent in human diseases. Current Research in Pharmacology and Drug Discovery, 2022, 3, 100122.	1.7	13
1270	Recently Reported Ru-Metal Organic Coordination Complexes and Their Application (A Review). Russian Journal of General Chemistry, 2022, 92, 1546-1561.	0.3	1
1271	Ethnomedicinal, Phytochemistry and Antiviral Potential of Turmeric ( <i>Curcuma longa</i> ). Compounds, 2022, 2, 200-221.	1.0	10
1272	Nanocurcumin Improves Lipid Status, Oxidative Stress, and Function of the Liver in Aluminium Phosphide-Induced Toxicity: Cellular and Molecular Mechanisms. BioMed Research International, 2022, 2022, 1-13.	0.9	1
1273	Anti-proliferative and pro-apoptotic effects of curcumin on skin cutaneous melanoma: Bioinformatics analysis and in vitro experimental studies. Frontiers in Genetics, 0, 13, .	1.1	3
1274	Antitumor effect of infrared whole-body hyperthermia with curcumin in breast Cancer. Multimedia Tools and Applications, 0, , .	2.6	0
1275	Wound-Healing Effects of Curcumin and Its Nanoformulations: A Comprehensive Review. Pharmaceutics, 2022, 14, 2288.	2.0	34
1276	Research Progress of Antioxidant Nanomaterials for Acute Pancreatitis. Molecules, 2022, 27, 7238.	1.7	1
1277	Antiplasmodial and Antimalarial Activity of 3,5-Diarylidene-tetrahydro- $\alpha$ -pyranones via Inhibition of Plasmodium falciparum Pyridoxal Synthase. ChemMedChem, 0, , .	1.6	0
1278	Efficacy of the monocarbonyl curcumin analog C66 in the reduction of diabetes-associated cardiovascular and kidney complications. Molecular Medicine, 2022, 28, .	1.9	6
1279	<i>Curcuma Xanthorrhiza</i> Roxb. An Indonesia Native Medicinal Plant with Potential Antioral Biofilm Effect. , 0, , .		0
1280	Nutraceutical Preventative and Therapeutic Potential in Neuroblastoma: From Pregnancy to Early Childhood. Life, 2022, 12, 1762.	1.1	0
1281	Bioadhesive eutectogels supporting drug nanocrystals for long-acting delivery to mucosal tissues. Materials Today Bio, 2022, 17, 100471.	2.6	10
1282	Dual-Responsive Curcumin-Loaded Nanoparticles for the Treatment of Cisplatin-Induced Acute Kidney Injury. Biomacromolecules, 2022, 23, 5253-5266.	2.6	6
1283	VALIDATION, STABILITY STUDIES, AND SIMULTANEOUS ESTIMATION OF CO-ENCAPSULATED CURCUMIN, EPIGALLOCATECHIN GALLATE NANOFORMULATION BY RP-HPLC METHOD. International Journal of Applied Pharmaceutics, 0, , 186-195.	0.3	1
1284	Electron microscopic investigation of benzo(a)pyrene-induced alterations in the rat kidney tissue and the protective effects of curcumin. Ultrastructural Pathology, 2022, 46, 519-530.	0.4	0
1285	Old but Fancy: Curcumin in Ulcerative Colitis—Current Overview. Nutrients, 2022, 14, 5249.	1.7	3

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1286	Equine Muscle Derived Mesenchymal Stem Cells Loaded with Water-Soluble Curcumin: Modulation of Neutrophil Activation and Enhanced Protection against Intracellular Oxidative Attack. <i>International Journal of Molecular Sciences</i> , 2023, 24, 1030.	1.8	0
1287	12-week curcumin supplementation may relieve postexercise muscle fatigue in adolescent athletes. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	3
1288	Determination of Curcumin on Functionalized Carbon Nano Tube Modified Electrode and Probing its Interaction with DNA and Copper Ion. <i>Journal of Analysis and Testing</i> , 2023, 7, 136-146.	2.5	4
1289	Curcumin attenuates memory impairments and long-term potentiation deficits by damping hippocampal inflammatory cytokines in lipopolysaccharide-challenged rats. <i>Metabolic Brain Disease</i> , 2023, 38, 1379-1388.	1.4	3
1291	Curcuminâ€‘piperine coâ€‘supplementation and human health: A comprehensive review of preclinical and clinical studies. <i>Phytotherapy Research</i> , 2023, 37, 1462-1487.	2.8	21
1292	Brain Targeted Curcumin Loaded Turmeric Oil Microemulsion Protects Against Trimethyltin Induced Neurodegeneration in Adult Zebrafish: A Pharmacokinetic and Pharmacodynamic Insight. <i>Pharmaceutical Research</i> , 2023, 40, 675-687.	1.7	5
1293	Emulsion templated three-dimensional porous scaffolds for drug delivery. , 2023, , 389-416.		1
1294	Curcumin Ameliorates Neurobehavioral Deficits in Ambient Dusty Particulate Matter-Exposure Rats: The Role of Oxidative Stress. <i>Neurochemical Research</i> , 2023, 48, 1798-1810.	1.6	3
1295	Molecularly-imprinted polymers for the separation and detection of curcumin. <i>European Polymer Journal</i> , 2023, 189, 111916.	2.6	8
1296	Modified porous starches loading curcumin and improving the free radical scavenging ability and release properties of curcumin. <i>Food Research International</i> , 2023, 168, 112770.	2.9	11
1297	Voltage dependent anion channel and its interaction with N-acetyl-L-Cysteine (NAC) under oxidative stress on planar lipid bilayer. <i>Biochimie</i> , 2023, 209, 150-160.	1.3	0
1298	Injectable nano-composite hydrogels based on hyaluronic acid-chitosan derivatives for simultaneous photothermal-chemo therapy of cancer with anti-inflammatory capacity. <i>Carbohydrate Polymers</i> , 2023, 310, 120721.	5.1	16
1299	Impacts of Curcumin Treatment on Experimental Sepsis: A Systematic Review. <i>Oxidative Medicine and Cellular Longevity</i> , 2023, 2023, 1-15.	1.9	2
1300	Pinto bean protein ultrasonicated cold-set emulsion gels catalyzed by transglutaminase/glucono-Î´-lactone: Development, characterization and in vitro release characteristics. <i>Journal of Drug Delivery Science and Technology</i> , 2023, 81, 104239.	1.4	1
1301	A DFT study on the scavenging activity of curcumin toward methyl and ethyl radicals. <i>Molecular Simulation</i> , 2023, 49, 589-598.	0.9	2
1302	Formulation Strategies for Enhancing Pharmaceutical and Nutraceutical Potential of Sesamol: A Natural Phenolic Bioactive. <i>Plants</i> , 2023, 12, 1168.	1.6	2
1303	Functional liposome loaded curcumin for the treatment of <i>Streptococcus mutans</i> biofilm. <i>Frontiers in Chemistry</i> , 0, 11, .	1.8	4
1304	Curcumin protects against doxorubicin induced oxidative stress by regulating the Keap1-Nrf2-ARE and autophagy signaling pathways. <i>Psychopharmacology</i> , 2023, 240, 1179-1190.	1.5	9

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1305	The Electro-Spun Sublingual Film Containing Curcumin Micelles. <i>Journal of Natural Remedies</i> , 0, , 205-211.	0.1	0
1306	Antiviral Potential of Curcumins: Ethnopharmacology, Chemistry, and Clinical Studies Focusing on Mechanism of Action and Future Perspectives. <i>Reference Series in Phytochemistry</i> , 2023, , 1-36.	0.2	0
1307	Herbal therapies for weight gain and metabolic abnormalities induced by atypical antipsychotics: a review article. <i>Current Drug Discovery Technologies</i> , 2023, 20, .	0.6	0
1315	Neuroinflammation as a potential therapeutic target in neuroimmunological diseases. , 2023, , 475-504.		1
1317	Curcumin as a Chemopreventive Agent for Oral Submucous Fibrosis. <i>Textbooks in Contemporary Dentistry</i> , 2023, , 299-312.	0.2	0
1320	Anti-inflammatory strategies for photothermal therapy of cancer. <i>Journal of Materials Chemistry B</i> , 2023, 11, 6478-6490.	2.9	0
1324	Curcumin. <i>Advances in Medical Diagnosis, Treatment, and Care</i> , 2023, , 278-297.	0.1	0
1326	Extraction of Curcuminoids from turmeric via aqueous two phases system. <i>AIP Conference Proceedings</i> , 2023, , .	0.3	0
1327	Applications of (Nano)encapsulated Natural Products by Physical and Chemical Methods. , 2023, , 323-374.		0
1331	Bioactive Compounds and Biological Activities of Curcuma Species. <i>Reference Series in Phytochemistry</i> , 2023, , 1-57.	0.2	0
1340	Anti-Viral Potential of Curcumins: Ethnopharmacology, Chemistry, and Clinical Studies Focusing on Mechanism of Action and Future Perspectives. <i>Reference Series in Phytochemistry</i> , 2024, , 1067-1103.	0.2	0
1356	Nano-curcumin in Neurodegenerative Diseases. , 2023, , 313-335.		0