

Aloeâ€™modin: A review of its pharmacology, toxicity, a

Phytotherapy Research

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Emodin: A Review of its Pharmacology, Toxicity and Pharmacokinetics. <i>Phytotherapy Research</i> , 2016, 30, 1207-1218.	2.8	466
2	Triggering of Erythrocyte Cell Membrane Scrambling by Emodin. <i>Cellular Physiology and Biochemistry</i> , 2016, 40, 91-103.	1.1	37
3	Experimental and theoretical studies of emodin interacting with a lipid bilayer of DMPC. <i>Biophysical Reviews</i> , 2017, 9, 729-745.	1.5	6
4	FIKK Kinase, a Ser/Thr Kinase Important to Malaria Parasites, Is Inhibited by Tyrosine Kinase Inhibitors. <i>ACS Omega</i> , 2017, 2, 6605-6612.	1.6	16
5	Identification and characterization of the structure-activity relationships involved in UGT1A1 inhibition by anthraquinone and dianthrone constituents of <i>Polygonum multiflorum</i> . <i>Scientific Reports</i> , 2017, 7, 17952.	1.6	44
6	Chinese Herbal Medicines Attenuate Acute Pancreatitis: Pharmacological Activities and Mechanisms. <i>Frontiers in Pharmacology</i> , 2017, 8, 216.	1.6	42
7	Bioconcentration and Metabolism of Emodin in Zebrafish <i>Eleutheroembryos</i> . <i>Frontiers in Pharmacology</i> , 2017, 8, 453.	1.6	10
8	In-Silico UHPLC Method Optimization for Aglycones in the Herbal Laxatives <i>Aloe barbadensis</i> Mill., <i>Cassia angustifolia</i> Vahl Pods, <i>Rhamnus frangula</i> L. Bark, <i>Rhamnus purshianus</i> DC. Bark, and <i>Rheum palmatum</i> L. Roots. <i>Molecules</i> , 2017, 22, 1838.	1.7	14
9	Effect of Emodin on Preventing Postoperative Intra-Abdominal Adhesion Formation. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-12.	1.9	31
10	Mesoporous silica nanoparticles SBA-15 loaded with emodin upregulate the antioxidative defense of <i>Euproctis chrysorrhoea</i> (L.) larvae. <i>Turkish Journal of Biology</i> , 2017, 41, 935-942.	2.1	6
11	Emodin alleviates alternatively activated macrophage and asthmatic airway inflammation in a murine asthma model. <i>Acta Pharmacologica Sinica</i> , 2018, 39, 1317-1325.	2.8	35
12	Emodin inhibits TGF- β 2 by activating the FOXD3/miR-199a axis in ovarian cancer cells <i>in vitro</i> . <i>Oncology Reports</i> , 2018, 39, 2063-2070.	1.2	13
13	Emodin attenuated severe acute pancreatitis via the P2X ligand-gated ion channel γ 7/NOD-like receptor protein γ 3 signaling pathway. <i>Oncology Reports</i> , 2018, 41, 270-278.	1.2	24
14	Anthraquinone Emodin Inhibits Tumor Necrosis Factor Alpha-Induced Calcification of Human Aortic Valve Interstitial Cells via the NF- κ B Pathway. <i>Frontiers in Pharmacology</i> , 2018, 9, 1328.	1.6	37
15	Effect of emodin on T cell subsets in NOD mice with Nal α -induced experimental autoimmune thyroiditis. <i>Molecular Medicine Reports</i> , 2018, 18, 4303-4312.	1.1	9
16	Plant-Derived Products for Treatment of Vascular Intima Hyperplasia Selectively Inhibit Vascular Smooth Muscle Cell Functions. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-17.	0.5	14
17	NMR-based Metabolomic Techniques Identify the Toxicity of Emodin in HepG2 Cells. <i>Scientific Reports</i> , 2018, 8, 9379.	1.6	25
18	Emodin Alleviates Liver Fibrosis of Mice by Reducing Infiltration of Gr1 ⁺ Monocytes. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-11.	0.5	16

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19	Polygonum multiflorum Thunb.: A Review on Chemical Analysis, Processing Mechanism, Quality Evaluation, and Hepatotoxicity. <i>Frontiers in Pharmacology</i> , 2018, 9, 364.	1.6	61
20	Interactions Between Emodin and Efflux Transporters on Rat Enterocyte by a Validated Ussing Chamber Technique. <i>Frontiers in Pharmacology</i> , 2018, 9, 646.	1.6	13
21	Establishment and Validation of an In Vitro Screening Method for Traditional Chinese Medicine-Induced Nephrotoxicity. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-15.	0.5	7
22	A Simple and Sensitive Liquid Chromatography with Tandem Mass Spectrometric Method for the Simultaneous Determination of Anthraquinone Glycosides and Their Aglycones in Rat Plasma: Application to a Pharmacokinetic Study of Rumex acetosa Extract. <i>Pharmaceutics</i> , 2018, 10, 100.	2.0	11
23	Drug Delivery System for Emodin Based on Mesoporous Silica SBA-15. <i>Nanomaterials</i> , 2018, 8, 322.	1.9	25
24	Food Bioactive HDAC Inhibitors in the Epigenetic Regulation of Heart Failure. <i>Nutrients</i> , 2018, 10, 1120.	1.7	28
25	<p>Nanoformulations of natural products for management of metabolic syndrome</p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 5303-5321.	3.3	73
26	Anticancer activity of emodin is associated with downregulation of CD155. <i>International Immunopharmacology</i> , 2019, 75, 105763.	1.7	17
27	Emodin reactivated autophagy and alleviated inflammatory lung injury in mice with lethal endotoxemia. <i>Experimental Animals</i> , 2019, 68, 559-568.	0.7	19
28	Emodin exerts protective effect against palmitic acid-induced endoplasmic reticulum stress in HepG2 cells. <i>Journal of Nutrition and Health</i> , 2019, 52, 176.	0.2	1
29	A Computational Toxicology Approach to Screen the Hepatotoxic Ingredients in Traditional Chinese Medicines: Polygonum multiflorum Thunb as a Case Study. <i>Biomolecules</i> , 2019, 9, 577.	1.8	21
30	Solvent-Dependent Structures of Natural Products Based on the Combined Use of DFT Calculations and ¹ H-NMR Chemical Shifts. <i>Molecules</i> , 2019, 24, 2290.	1.7	26
31	Neuroprotective Effects of Anthraquinones from Rhubarb in Central Nervous System Diseases. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-12.	0.5	28
32	Pharmacodynamics of Five Anthraquinones (Aloe-emodin, Emodin, Rhein, Chrysophanol, and Physcion) and Reciprocal Pharmacokinetic Interaction in Rats with Cerebral Ischemia. <i>Molecules</i> , 2019, 24, 1898.	1.7	33
33	Host metabolite producing endophytic fungi isolated from Hypericum perforatum. <i>PLoS ONE</i> , 2019, 14, e0217060.	1.1	32
34	Emodin alleviates cardiac fibrosis by suppressing activation of cardiac fibroblasts via upregulating metastasis associated protein 3. <i>Acta Pharmaceutica Sinica B</i> , 2019, 9, 724-733.	5.7	32
35	Emodin inhibits colon cancer by altering BCL-2 family proteins and cell survival pathways. <i>Cancer Cell International</i> , 2019, 19, 98.	1.8	39
36	Emodin regulates neutrophil phenotypes to prevent hypercoagulation and lung carcinogenesis. <i>Journal of Translational Medicine</i> , 2019, 17, 90.	1.8	44

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37	A Study on Tissue-Specific Metabolite Variations in <i>Polygonum cuspidatum</i> by High-Resolution Mass Spectrometry-Based Metabolic Profiling. <i>Molecules</i> , 2019, 24, 1058.	1.7	25
38	A novel polyketide synthase gene cluster in the plant pathogenic fungus <i>Pseudocercospora fijiensis</i> . <i>PLoS ONE</i> , 2019, 14, e0212229.	1.1	10
39	Emodin Inhibits EBV Reactivation and Represses NPC Tumorigenesis. <i>Cancers</i> , 2019, 11, 1795.	1.7	21
40	Natural Products Isolated from Oriental Medicinal Herbs Inactivate Zika Virus. <i>Viruses</i> , 2019, 11, 49.	1.5	41
41	Emodin Reverses the Epithelial-Mesenchymal Transition of Human Endometrial Stromal Cells by Inhibiting ILK/GSK-3 β Pathway. <i>Drug Design, Development and Therapy</i> , 2020, Volume 14, 3663-3672.	2.0	6
42	Emodin Reverses Gemcitabine Resistance of Pancreatic Cancer Cell Lines Through Inhibition of IKK β /NF- κ B Signaling Pathway. <i>OncoTargets and Therapy</i> , 2020, Volume 13, 9839-9848.	1.0	14
43	Molecular Mechanisms of Action of Emodin: As an Anti-Cardiovascular Disease Drug. <i>Frontiers in Pharmacology</i> , 2020, 11, 559607.	1.6	30
44	Aloe-emodin induces autophagy and apoptotic cell death in non-small cell lung cancer cells via Akt/mTOR and MAPK signaling. <i>European Journal of Pharmacology</i> , 2020, 886, 173550.	1.7	36
45	Study on Medication Rules of Traditional Chinese Medicine against Antineoplastic Drug-Induced Cardiotoxicity Based on Network Pharmacology and Data Mining. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-15.	0.5	17
46	Emodin alleviates LPS-induced inflammatory response in lung injury rat by affecting the function of granulocytes. <i>Journal of Inflammation</i> , 2020, 17, 26.	1.5	9
47	Emodin Derivatives as Multi-Target-Directed Ligands Inhibiting Monoamine Oxidase and Antagonizing Vasopressin V _{1A} Receptors. <i>ACS Omega</i> , 2020, 5, 26720-26731.	1.6	6
48	Elucidation of the Mechanisms and Molecular Targets of Sanhuang Xiexin Decoction for Type 2 Diabetes Mellitus Based on Network Pharmacology. <i>BioMed Research International</i> , 2020, 2020, 1-13.	0.9	11
49	Urine Metabolomics Study on Potential Hepatotoxic Biomarkers Identification in Rats Induced by Aurantio-Obtusin. <i>Frontiers in Pharmacology</i> , 2020, 11, 1237.	1.6	14
50	A Network Pharmacology Approach to Investigate the Anticancer Mechanism and Potential Active Ingredients of <i>Rheum palmatum</i> L. Against Lung Cancer via Induction of Apoptosis. <i>Frontiers in Pharmacology</i> , 2020, 11, 528308.	1.6	32
51	Natural Compound Mixture, Containing Emodin, Genipin, Chlorogenic Acid, Cimigenoside, and Ginsenoside Rb1, Ameliorates Psoriasis-Like Skin Lesions by Suppressing Inflammation and Proliferation in Keratinocytes. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-13.	0.5	19
52	COVID-19 pandemic: an overview of epidemiology, pathogenesis, diagnostics and potential vaccines and therapeutics. <i>Therapeutic Delivery</i> , 2020, 11, 245-268.	1.2	113
53	Interaction mechanism of aloe-emodin with trypsin: molecular structure-affinity relationship and effect on biological activities. <i>RSC Advances</i> , 2020, 10, 20862-20871.	1.7	6
54	Emodin as a novel organic photocatalyst for selective oxidation of sulfides under mild conditions. <i>RSC Advances</i> , 2020, 10, 19747-19750.	1.7	13

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55	Potential therapeutic effects of curcumin mediated by JAK/STAT signaling pathway: A review. <i>Phytotherapy Research</i> , 2020, 34, 1745-1760.	2.8	58
56	Simultaneous Determination of 13 Constituents of Radix Polygoni Multiflori in Rat Plasma and Its Application in a Pharmacokinetic Study. <i>International Journal of Analytical Chemistry</i> , 2020, 2020, 1-10.	0.4	9
57	Targeting foam cell formation and macrophage polarization in atherosclerosis: The Therapeutic potential of rhubarb. <i>Biomedicine and Pharmacotherapy</i> , 2020, 129, 110433.	2.5	32
58	Design, Synthesis, Molecular Docking, and Biological Evaluation of New Emodin Anthraquinone Derivatives as Potential Antitumor Substances. <i>Chemistry and Biodiversity</i> , 2020, 17, e2000328.	1.0	6
59	Targeting necroptosis in anticancer therapy: mechanisms and modulators. <i>Acta Pharmaceutica Sinica B</i> , 2020, 10, 1601-1618.	5.7	54
60	A Candidate Drug for Nonalcoholic Fatty Liver Disease: A Review of Pharmacological Activities of Polygoni Multiflori Radix. <i>BioMed Research International</i> , 2020, 2020, 1-19.	0.9	2
61	The hepatotoxicity of Polygonum multiflorum: The emerging role of the immune-mediated liver injury. <i>Acta Pharmacologica Sinica</i> , 2021, 42, 27-35.	2.8	34
62	Ethnobotany and the Role of Plant Natural Products in Antibiotic Drug Discovery. <i>Chemical Reviews</i> , 2021, 121, 3495-3560.	23.0	160
63	Aloe-emodin-loaded SBA-15 and its in vitro release properties and cytotoxicity to cervical cancer cells. <i>Materials Research Innovations</i> , 2021, 25, 264-275.	1.0	8
64	Farm-to-Tap Water Treatment: Naturally-Sourced Photosensitizers for Enhanced Solar Disinfection of Drinking Water. <i>ACS ES&T Engineering</i> , 2021, 1, 86-99.	3.7	14
65	Phytopharmaceuticals mediated Furin and TMPRSS2 receptor blocking: can it be a potential therapeutic option for Covid-19?. <i>Phytomedicine</i> , 2021, 85, 153396.	2.3	23
66	A systematic review of synthetic tyrosinase inhibitors and their structure-activity relationship. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 4053-4094.	5.4	45
67	Testis Toxicants: Lesson from Traditional Chinese Medicine (TCM). <i>Advances in Experimental Medicine and Biology</i> , 2021, 1288, 307-319.	0.8	5
68	Safety of natural anthraquinone emodin: an assessment in mice. <i>BMC Pharmacology & Toxicology</i> , 2021, 22, 9.	1.0	18
69	Natural substances to potentiate canonical glioblastoma chemotherapy. <i>Journal of Chemotherapy</i> , 2021, 33, 276-287.	0.7	5
70	Plant-Derivatives Small Molecules with Antibacterial Activity. <i>Antibiotics</i> , 2021, 10, 231.	1.5	47
71	Emodin induces collagen type I synthesis in Hs27 human dermal fibroblasts. <i>Experimental and Therapeutic Medicine</i> , 2021, 21, 420.	0.8	8
72	A narrative review of the scientific natures of the prevention and treatment of COVID-19 with traditional Chinese medicine. <i>Longhua Chinese Medicine</i> , 0, 4, 1-1.	0.5	0

#	ARTICLE	IF	CITATIONS
73	Burn Ointment Promotes Cutaneous Wound Healing by Modulating the PI3K/AKT/mTOR Signaling Pathway. <i>Frontiers in Pharmacology</i> , 2021, 12, 631102.	1.6	5
74	The effects and mechanisms of aloe-emodin on reversing adriamycin-induced resistance of MCF7/ADR cells. <i>Phytotherapy Research</i> , 2021, 35, 3886-3897.	2.8	10
75	Network Pharmacology-Based Study on the Molecular Biological Mechanism of Action for Qingdu Decoction against Chronic Liver Injury. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-12.	0.5	0
76	Obtusifolin, an Anthraquinone Extracted from <i>Senna obtusifolia</i> (L.) H.S.Irwin & Barneby, Reduces Inflammation in a Mouse Osteoarthritis Model. <i>Pharmaceutics</i> , 2021, 14, 249.	1.7	6
77	Prediction of oral hepatotoxic dose of natural products derived from traditional Chinese medicines based on SVM classifier and PBPK modeling. <i>Archives of Toxicology</i> , 2021, 95, 1683-1701.	1.9	50
78	Network Pharmacology-Based Prediction of Mechanism of Shenzhuo Formula for Application to DKD. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-13.	0.5	2
79	Integrated analysis of potential pathways by which aloe-emodin induces the apoptosis of colon cancer cells. <i>Cancer Cell International</i> , 2021, 21, 238.	1.8	5
80	Nephrotoxicity of Herbal Products in Europe—A Review of an Underestimated Problem. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4132.	1.8	20
81	Aloe-emodin, a naturally occurring anthraquinone, is a highly potent mast cell stabilizer through activating mitochondrial calcium uniporter. <i>Biochemical Pharmacology</i> , 2021, 186, 114476.	2.0	11
82	<i>Vepris macrophylla</i> Essential Oil Produces Notable Antiproliferative Activity and Morphological Alterations in Human Breast Adenocarcinoma Cells. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4369.	1.3	1
83	Kanglexin delays heart aging by promoting mitophagy. <i>Acta Pharmacologica Sinica</i> , 2022, 43, 613-623.	2.8	18
84	Effects of emodin, a plant-derived anthraquinone, on TGF- β 1-induced cardiac fibroblast activation and function. <i>Journal of Cellular Physiology</i> , 2021, 236, 7440-7449.	2.0	11
85	Marine Anthraquinones: Pharmacological and Toxicological Issues. <i>Marine Drugs</i> , 2021, 19, 272.	2.2	17
86	Pharmacokinetics, tissue distribution and excretion of five rhubarb anthraquinones in rats after oral administration of effective fraction of anthraquinones from <i>rheum officinale</i> . <i>Xenobiotica</i> , 2021, 51, 916-925.	0.5	9
87	Aloe-emodin-mediated antimicrobial photodynamic therapy against dermatophytosis caused by <i>Trichophyton rubrum</i> . <i>Microbial Biotechnology</i> , 2022, 15, 499-512.	2.0	9
88	Emodin Prevented Depression in Chronic Unpredicted Mild Stress-Exposed Rats by Targeting miR-139-5p/5-Lipoxygenase. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 696619.	1.8	7
89	Light-activated green drugs: How we can use them in photodynamic therapy and mass-produce them with biotechnological tools. <i>Phytomedicine Plus</i> , 2021, 1, 100044.	0.9	23
90	Emodin Attenuates Acetaminophen-Induced Hepatotoxicity via the cGAS-STING Pathway. <i>Inflammation</i> , 2022, 45, 74-87.	1.7	16

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91	Icariin, an Up-and-Coming Bioactive Compound Against Neurological Diseases: Network Pharmacology-Based Study and Literature Review. <i>Drug Design, Development and Therapy</i> , 2021, Volume 15, 3619-3641.	2.0	24
92	Aloe-emodin, a hydroxyanthracene derivative, is not genotoxic in an in vivo comet test. <i>Regulatory Toxicology and Pharmacology</i> , 2021, 124, 104967.	1.3	12
93	Combination of natural antivirals and potent immune invigorators: A natural remedy to combat COVID-19. <i>Phytotherapy Research</i> , 2021, 35, 6530-6551.	2.8	16
94	Antibacterial Activity and Membrane-Targeting Mechanism of Aloe-Emodin Against <i>Staphylococcus epidermidis</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 621866.	1.5	16
95	Alzheimer's Disease and other Tauopathies: Exploring Efficacy of Medicinal Plant-derived Compounds in Alleviating Tau-mediated Neurodegeneration. <i>Current Molecular Pharmacology</i> , 2022, 15, 361-379.	0.7	16
96	Therapeutically effective covalent spike protein inhibitors in treatment of SARS-CoV-2. <i>Journal of Proteins and Proteomics</i> , 2021, 12, 257-270.	1.0	8
97	Aloe-Emodin-Mediated Photodynamic Therapy Attenuates Sepsis-Associated Toxins in Selected Gram-Positive Bacteria In Vitro. <i>Journal of Microbiology and Biotechnology</i> , 2021, 31, 1200-1209.	0.9	6
98	Transformation and degradation of barbaloin in aqueous solutions and aloe powder under different processing conditions. <i>Food Bioscience</i> , 2021, 43, 101279.	2.0	4
99	Aloe vera mitigates dextran sulfate sodium-induced rat ulcerative colitis by potentiating colon mucus barrier. <i>Journal of Ethnopharmacology</i> , 2021, 279, 114108.	2.0	25
100	Cancer cachexia has many symptoms but only one cause: anoxia. <i>F1000Research</i> , 0, 9, 250.	0.8	2
101	Emodin Reduces the Activity of (1,3)-D-glucan Synthase from <i>Candida albicans</i> and Does Not Interact with Caspofungin. <i>Polish Journal of Microbiology</i> , 2018, 67, 463-470.	0.6	15
102	An Overview of Natural Plant Products in the Treatment of Hepatocellular Carcinoma. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2019, 18, 1838-1859.	0.9	59
103	Examining Safety of Biocolourants from Fungal and Plant Sources-Examples from <i>Cortinarius</i> and <i>Tapinella</i> , <i>Salix</i> and <i>Tanacetum</i> spp. and Dyed Woollen Fabrics. <i>Antibiotics</i> , 2020, 9, 266.	1.5	17
104	Neuroprotective effect of emodin against Alzheimer's disease via Nrf2 signaling in U251 cells and APP/PS1 mice. <i>Molecular Medicine Reports</i> , 2020, 23, .	1.1	20
105	Recent total syntheses of anthraquinone-based natural products. <i>Tetrahedron</i> , 2022, 105, 132501.	1.0	9
106	Natural Products and Their Derivatives against Human Herpesvirus Infection. <i>Molecules</i> , 2021, 26, 6290.	1.7	7
107	Emodin attenuates severe acute pancreatitis-associated acute lung injury by suppressing pancreatic exosome-mediated alveolar macrophage activation. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 3986-4003.	5.7	23
108	Progress of genus <i>Hemerocallis</i> in traditional uses, phytochemistry, and pharmacology. <i>Journal of Horticultural Science and Biotechnology</i> , 2022, 97, 298-314.	0.9	8

#	ARTICLE	IF	CITATIONS
109	Anthraquinones from <i>Aloe</i> spp. inhibit <i>Cryptococcus neoformans sensu stricto</i> : effects against growing and mature biofilms. <i>Biofouling</i> , 2021, 37, 809-817.	0.8	1
110	Herbal glycosides in healthcare. , 2022, , 239-282.		9
111	Cytotoxicity and Induction of Apoptosis in Melanoma (MDA-MB-435S) Cells by Emodin. <i>Journal of Scientific Research</i> , 2020, 64, 158-166.	0.1	1
112	Aloe-emodin derivative produces anti-atherosclerosis effect by reinforcing AMBRA1-mediated endothelial autophagy. <i>European Journal of Pharmacology</i> , 2022, 916, 174641.	1.7	7
113	Efficacy and Safety of Dahuang Zhechong Pill in Silicosis: A Randomized Controlled Trial. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-9.	0.5	10
114	Antifungal Effect of Antimicrobial Photodynamic Therapy Mediated by Haematoporphyrin Monomethyl Ether and Aloe Emodin on <i>Malassezia furfur</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 749106.	1.5	3
115	Protective role of emodin in rats with post-myocardial infarction heart failure and influence on extracellular signal-regulated kinase pathway. <i>Bioengineered</i> , 2021, 12, 10246-10253.	1.4	5
116	Emodin alleviates sepsis-mediated lung injury via inhibition and reduction of $\text{NF-}\kappa\text{B}$ and HMGB1 pathways mediated by SIRT1. <i>Kaohsiung Journal of Medical Sciences</i> , 2022, 38, 253-260.	0.8	13
117	Journey of anthraquinones as anticancer agents – a systematic review of recent literature. <i>RSC Advances</i> , 2021, 11, 35806-35827.	1.7	55
118	Effects of Aloe-emodin on growth performance, biochemical parameters, and histopathology of goldfish (<i>Carassius auratus</i>). <i>Aquaculture</i> , 2022, 550, 737891.	1.7	3
119	Inhibition of CYP3A4 enhances aloe-emodin induced hepatocyte injury. <i>Toxicology in Vitro</i> , 2022, 79, 105276.	1.1	3
120	Equisetin is an anti-obesity candidate through targeting 11 β -HSD1. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 2358-2373.	5.7	5
121	Cancer Chemoprevention: A Strategic Approach Using Phytochemicals. <i>Frontiers in Pharmacology</i> , 2021, 12, 809308.	1.6	35
122	Promising Strategies in Plant-Derived Treatments of Psoriasis-Update of In Vitro, In Vivo, and Clinical Trials Studies. <i>Molecules</i> , 2022, 27, 591.	1.7	13
123	A biocatalytic approach towards the preparation of natural deoxyanthraquinones and their impact on cellular viability. <i>New Journal of Chemistry</i> , 0, , .	1.4	1
124	Design, synthesis, cytotoxic, and anti-inflammatory activities of some novel analogues of aloe-emodin isolated from the rhizomes of <i>Rheum emodi</i> . <i>Natural Product Research</i> , 2023, 37, 1511-1517.	1.0	6
125	Therapeutic Potential of Emodin for Gastrointestinal Cancers. <i>Integrative Cancer Therapies</i> , 2022, 21, 153473542110674.	0.8	7
126	Bacterial Inoculant and Sucrose Amendments Improve the Growth of <i>Rheum palmatum</i> L. by Reprogramming Its Metabolite Composition and Altering Its Soil Microbial Community. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1694.	1.8	14

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127	Emodin Protects SH-SY5Y Cells Against Zinc-Induced Synaptic Impairment and Oxidative Stress Through the ERK1/2 Pathway. <i>Frontiers in Pharmacology</i> , 2022, 13, 821521.	1.6	9
128	Combination of pseudoephedrine and emodin ameliorates LPS-induced acute lung injury by regulating macrophage M1/M2 polarization through the VIP/cAMP/PKA pathway. <i>Chinese Medicine</i> , 2022, 17, 19.	1.6	21
129	Investigation of the Mechanism of Zishen Yutai Pills on Polycystic Ovary Syndrome: A Network Pharmacology and Molecular Docking Approach. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-14.	0.5	5
130	Promoting Plant-Based Therapies for Chronic Kidney Disease. <i>Journal of Evidence-based Integrative Medicine</i> , 2022, 27, 2515690X2210796.	1.4	13
131	Development of an LC-MS-Based Method for the Analysis of Hydroxyanthracene Derivatives in Food Supplements and Plant Materials. <i>Molecules</i> , 2022, 27, 1932.	1.7	2
132	Aloe emodin 3-O-glucoside inhibits cell growth and migration and induces apoptosis of non-small-cell lung cancer cells via suppressing MEK/ERK and Akt signalling pathways. <i>Life Sciences</i> , 2022, 300, 120495.	2.0	4
133	Herbal Medicines for Constipation and Phytochemical Comparison of Active Components. <i>The American Journal of Chinese Medicine</i> , 2022, 50, 723-732.	1.5	8
134	Nature against Diabetic Retinopathy: A Review on Antiangiogenic, Antioxidant, and Anti-Inflammatory Phytochemicals. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-18.	0.5	3
135	Unveiling Potential Mechanisms of <i>Spatholobi Caulis</i> against Lung Metastasis of Malignant Tumor by Network Pharmacology and Molecular Docking. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-11.	0.5	3
136	Adsorption Characteristics and Enrichment of Emodin from Marine-Derived <i>Aspergillus flavipes</i> HN4-13 Extract by Macroporous Resin XAD-16. <i>Marine Drugs</i> , 2022, 20, 231.	2.2	5
137	Emodin-Mediated Treatment of Acute Kidney Injury. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-5.	0.5	3
138	Emodin relieves the inflammation and pyroptosis of lipopolysaccharide-treated 1321N1 cells by regulating methyltransferase-like 3-mediated NLR family pyrin domain containing 3 expression. <i>Bioengineered</i> , 2022, 13, 6739-6748.	1.4	17
139	Theranostic nanoplatforms of emodin-chitosan with blue laser light on enhancing the anti-biofilm activity of photodynamic therapy against <i>Streptococcus mutans</i> biofilms on the enamel surface. <i>BMC Microbiology</i> , 2022, 22, 68.	1.3	17
140	Induction of Apoptosis by Metabolites of <i>Rhei Radix et Rhizoma</i> (Da Huang): A Review of the Potential Mechanism in Hepatocellular Carcinoma. <i>Frontiers in Pharmacology</i> , 2022, 13, 806175.	1.6	5
141	<i>Polygonum cuspidatum</i> Extract (Pc-Ex) Containing Emodin Suppresses Lung Cancer-Induced Cachexia by Suppressing TCF4/TWIST1 Complex-Induced PTHrP Expression. <i>Nutrients</i> , 2022, 14, 1508.	1.7	8
142	Natural aloe emodin-hybridized sulfonamide aminophosphates as novel potential membrane-perturbing and DNA-intercalating agents against <i>Enterococcus faecalis</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2022, 64, 128695.	1.0	20
143	Chemopreventive Role of Phytoconstituents in Breast Cancer: An Integration Therapy. <i>Current Bioactive Compounds</i> , 2022, 18, .	0.2	1
144	HPLC-DAD Based Polyphenolic Profiling and Evaluation of Pharmacological Attributes of <i>Putranjiva roxburghii</i> Wall.. <i>Molecules</i> , 2022, 27, 68.	1.7	2

#	ARTICLE	IF	CITATIONS
145	Anti-Inflammatory, Antioxidant, and Healing-Promoting Effects of Aloe vera Extract in the Experimental Colitis in Rats. Evidence-based Complementary and Alternative Medicine, 2021, 2021, 1-12.	0.5	13
147	Promising Role of Emodin as Therapeutics to Against Viral Infections. Frontiers in Pharmacology, 2022, 13, .	1.6	12
148	Utilization of Aloe Compounds in Combatting Viral Diseases. Pharmaceuticals, 2022, 15, 599.	1.7	7
149	Aloe-Emodin Induces Mitochondrial Dysfunction and Pyroptosis by Activation of the Caspase-9/3/Gasdermin E Axis in HeLa Cells. Frontiers in Pharmacology, 2022, 13, .	1.6	7
150	Apolipoprotein C1 promotes glioblastoma tumorigenesis by reducing KEAP1/NRF2 and CBS-regulated ferroptosis. Acta Pharmacologica Sinica, 2022, 43, 2977-2992.	2.8	20
151	The versatile emodin: A natural easily acquired anthraquinone possesses promising anticancer properties against a variety of cancers. International Journal of Biological Sciences, 2022, 18, 3498-3527.	2.6	15
152	Effects of aloe-emodin on alveolar bone in <i>Porphyromonas gingivalis</i> -induced periodontitis rat model: a pilot study. Journal of Periodontal and Implant Science, 2022, 52, 383.	0.9	1
153	Hepatotoxicity of the Major Anthraquinones Derived From <i>Polygoni Multiflori Radix</i> Based on Bile Acid Homeostasis. Frontiers in Pharmacology, 2022, 13, .	1.6	3
154	Emodin Ameliorates Intestinal Dysfunction by Maintaining Intestinal Barrier Integrity and Modulating the Microbiota in Septic Mice. Mediators of Inflammation, 2022, 2022, 1-16.	1.4	11
155	Sensitization of Non-Small Cell Lung Cancer Cells to Gefitinib and Reversal of Epithelial-Mesenchymal Transition by Aloe-Emodin Via PI3K/Akt/TWIS1 Signal Blockage. Frontiers in Oncology, 0, 12, .	1.3	7
156	Research progress on antiviral constituents in traditional Chinese medicines and their mechanisms of action. Pharmaceutical Biology, 2022, 60, 1063-1076.	1.3	13
157	The Comparison of the Efficiency of Emodin and Aloe-Emodin in Photodynamic Therapy. International Journal of Molecular Sciences, 2022, 23, 6276.	1.8	12
158	Design, synthesis and anti-inflammatory evaluation of aloe-emodin derivatives as potential modulators of Akt, NF- κ B and JNK signaling pathways. European Journal of Medicinal Chemistry, 2022, 238, 114511.	2.6	14
159	Emodin Ameliorates Acute Pancreatitis-Associated Lung Injury Through Inhibiting the Alveolar Macrophages Pyroptosis. Frontiers in Pharmacology, 0, 13, .	1.6	5
160	Emodin inhibits invasion and migration of hepatocellular carcinoma cells via regulating autophagy-mediated degradation of snail and β -catenin. BMC Cancer, 2022, 22, .	1.1	10
161	Effects of Anthraquinones on Immune Responses and Inflammatory Diseases. Molecules, 2022, 27, 3831.	1.7	9
162	Emodin regulates the autophagy via the miR-371a-5p/PTEN axis to inhibit hepatic malignancy. Biochemical and Biophysical Research Communications, 2022, 619, 1-8.	1.0	6
163	How Should the Worldwide Knowledge of Traditional Cancer Healing Be Integrated with Herbs and Mushrooms into Modern Molecular Pharmacology?. Pharmaceuticals, 2022, 15, 868.	1.7	7

#	ARTICLE	IF	CITATIONS
164	Construction and Application of Hepatocyte Model Based on Microfluidic Chip Technique in Evaluating Emodin. <i>Nutrients</i> , 2022, 14, 2768.	1.7	2
165	Aloe emodin-conjugated sulfonyl hydrazones as novel type of antibacterial modulators against <i>S. aureus</i> 25923 through multifaceted synergistic effects. <i>Bioorganic Chemistry</i> , 2022, 127, 106035.	2.0	24
166	Cocktails of Mycotoxins, Phytoestrogens, and Other Secondary Metabolites in Diets of Dairy Cows in Austria: Inferences from Diet Composition and Geo-Climatic Factors. <i>Toxins</i> , 2022, 14, 493.	1.5	8
167	Peptide-Mediated Targeted Delivery of Aloe-Emodin as Anticancer Drug. <i>Molecules</i> , 2022, 27, 4615.	1.7	2
168	Deep learning application detecting SARS-CoV-2 key enzymes inhibitors. <i>Cluster Computing</i> , 2023, 26, 1169-1180.	3.5	2
169	The potential application of natural products in cutaneous wound healing: A review of preclinical evidence. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	8
170	Plants as a Source of Anticancer Agents: From Bench to Bedside. <i>Molecules</i> , 2022, 27, 4818.	1.7	27
171	Jiedutongluotiaogan formula restores pancreatic function by suppressing excessive autophagy and endoplasmic reticulum stress. <i>Pharmaceutical Biology</i> , 2022, 60, 1542-1555.	1.3	1
172	Aloe-Emodin Suppresses Oxidative Stress and Inflammation via a PI3K-Dependent Mechanism in a Murine Model of Sepsis. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-7.	0.5	6
173	Traditional Chinese medicine: An important source for discovering candidate agents against hepatic fibrosis. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	5
174	Radix Asteris: Traditional Usage, Phytochemistry and Pharmacology of An Important Traditional Chinese Medicine. <i>Molecules</i> , 2022, 27, 5388.	1.7	4
175	Cassia alata, Coriandrum sativum, Curcuma longa and Azadirachta indica: Food Ingredients as Complementary and Alternative Therapies for Atopic Dermatitis-A Comprehensive Review. <i>Molecules</i> , 2022, 27, 5475.	1.7	7
176	The progress and prospect of natural components in rhubarb (<i>Rheum ribes</i> L.) in the treatment of renal fibrosis. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	2
177	Bioactive Metabolite Production in the Genus <i>Pyrenophora</i> (Pleosporaceae, Pleosporales). <i>Toxins</i> , 2022, 14, 588.	1.5	6
178	Emodin modulates gut microbial community and triggers intestinal immunity. <i>Journal of the Science of Food and Agriculture</i> , 2023, 103, 1273-1282.	1.7	5
179	Flavonoids for viral acute respiratory tract infections: protocol for a systematic review and meta-analysis of randomised controlled trials. <i>BMJ Open</i> , 2022, 12, e056919.	0.8	0
180	Psoriasis and neurodegenerative diseases—a review. <i>Frontiers in Molecular Neuroscience</i> , 0, 15, .	1.4	3
181	Cytotoxicity and Anti-Plasmodium berghei Activity of Emodin Loaded Nanoemulsion. <i>Iranian Journal of Parasitology</i> , 0, , .	0.6	2

#	ARTICLE	IF	CITATIONS
182	Rewiring of the seed metabolome during Tartary buckwheat domestication. <i>Plant Biotechnology Journal</i> , 2023, 21, 150-164.	4.1	15
183	The emodin family™ of fungal natural products—amalgamating a century of research with recent genomics-based advances. <i>Natural Product Reports</i> , 2023, 40, 174-201.	5.2	9
184	Emodin coupled with high LET neutron beam—a novel approach to treat on glioblastoma. <i>Journal of Radiation Research</i> , 0, , .	0.8	2
185	Leaf Mycobiome and Mycotoxin Profile of Warm-Season Grasses Structured by Plant Species, Geography, and Apparent Black-Stroma Fungal Structure. <i>Applied and Environmental Microbiology</i> , 2022, 88, .	1.4	1
186	In Vitro, Molecular Docking and In Silico ADME/Tox Studies of Emodin and Chrysophanol against Human Colorectal and Cervical Carcinoma. <i>Pharmaceuticals</i> , 2022, 15, 1348.	1.7	8
187	Novel coumarin aminophosphonates as potential multitargeting antibacterial agents against <i>Staphylococcus aureus</i> . <i>European Journal of Medicinal Chemistry</i> , 2023, 245, 114891.	2.6	33
188	Emodin accelerates diabetic wound healing by promoting anti-inflammatory macrophage polarization. <i>European Journal of Pharmacology</i> , 2022, 936, 175329.	1.7	14
189	Twist1 as a target for prevention of cutaneous squamous cell carcinoma. <i>Molecular Carcinogenesis</i> , 2023, 62, 62-76.	1.3	0
190	Optimization and Application of A Bionic System of Dynamic Co-Culture with Hepatocytes and Renal Cells Based on Microfluidic Chip Technique in Evaluating Materials of Health Food. <i>Nutrients</i> , 2022, 14, 4728.	1.7	2
191	Phytochemical Analysis, Antibacterial and Antibiofilm Activities of Aloe vera Aqueous Extract against Selected Resistant Gram-Negative Bacteria Involved in Urinary Tract Infections. <i>Fermentation</i> , 2022, 8, 626.	1.4	12
192	A Mechanistic Insight on Phytoconstituents Delivering Hypoglycemic Activity: A Comprehensive Overview. <i>Future Pharmacology</i> , 2022, 2, 511-546.	0.6	3
193	Emodin reverses resistance to gemcitabine in pancreatic cancer by suppressing stemness through regulation of the epithelial–mesenchymal transition. <i>Experimental and Therapeutic Medicine</i> , 2022, 25, .	0.8	5
194	Natural emodin reduces myocardial ischemia/reperfusion injury by modulating the RUNX1/miR-142-3p/DRD2 pathway and attenuating inflammation. <i>Experimental and Therapeutic Medicine</i> , 2022, 24, .	0.8	3
196	The mechanism of intestinal microbiota regulating immunity and inflammation in ischemic stroke and the role of natural botanical active ingredients in regulating intestinal microbiota: A review. <i>Biomedicine and Pharmacotherapy</i> , 2023, 157, 114026.	2.5	4
197	Identification and localization of morphological feature-specific metabolites in Reynoutria multiflora roots. <i>Phytochemistry</i> , 2023, 206, 113527.	1.4	1
198	UGTs-mediated metabolic interactions contribute to enhanced anti-inflammation activity of Jinhongtang. <i>Journal of Ethnopharmacology</i> , 2023, 304, 116016.	2.0	1
199	Optimization of Cordyceps sinensis fermentation Marsdenia tenacissima process and the differences of metabolites before and after fermentation. <i>Heliyon</i> , 2022, , e12586.	1.4	1
200	Synthesis and DNA interaction of aloe-emodin ±-amino phosphate derivatives. <i>Journal of Molecular Structure</i> , 2023, 1279, 134950.	1.8	2

#	ARTICLE	IF	CITATIONS
201	Advances for pharmacological activities of <i>Polygonum cuspidatum</i> - A review. <i>Pharmaceutical Biology</i> , 2023, 61, 177-188.	1.3	12
202	Emodin Regulates lncRNA XIST/miR-217 Axis to Protect Myocardial Ischemia-Reperfusion Injury. <i>Oxidative Medicine and Cellular Longevity</i> , 2023, 2023, 1-9.	1.9	2
203	Phytochemicals as Immunomodulatory Agents in Melanoma. <i>International Journal of Molecular Sciences</i> , 2023, 24, 2657.	1.8	4
204	Phytoestrogen β -Sitosterol Exhibits Potent In Vitro Antiviral Activity against Influenza A Viruses. <i>Vaccines</i> , 2023, 11, 228.	2.1	7
205	Traditional Chinese medicine for colorectal cancer treatment: potential targets and mechanisms of action. <i>Chinese Medicine</i> , 2023, 18, .	1.6	7
206	Aloe-emodin Quantification using HPTLC and RP-UHPLC in Extracts and Commercial Herbal Formulations: Evaluation of Antimicrobial and Antioxidant Effects. <i>Recent Advances in Anti-Infective Drug Discovery</i> , 2023, 18, 239-253.	0.4	0
207	Optimal timing of free total rhubarb anthraquinones on immune regulation in rats with severe acute pancreatitis. <i>Journal of Ethnopharmacology</i> , 2023, 308, 116266.	2.0	1
208	Fermented <i>Aloe arborescens</i> Miller Leaf Extract Suppresses Acute Alcoholic Liver Injury via Antioxidant and Antiinflammatory Effects in C57BL/6J Mice. <i>Journal of Microbiology and Biotechnology</i> , 2023, , .	0.9	0
209	Ligand fishing as a tool to screen natural products with anticancer potential. <i>Journal of Separation Science</i> , 2023, 46, .	1.3	2
210	Nephrotoxicity induced by natural compounds from herbal medicines – a challenge for clinical application. <i>Critical Reviews in Toxicology</i> , 2022, 52, 757-778.	1.9	5
211	Comparison of In Vitro Estrogenic Activity of <i>Polygoni multiflori Radix</i> and <i>Cynanchi wilfordii Radix</i> via the Enhancement of ER α Expression in MCF7 Cells. <i>Molecules</i> , 2023, 28, 2199.	1.7	3
212	Purinergic P2X7R as a potential target for pancreatic cancer. <i>Clinical and Translational Oncology</i> , 0, , .	1.2	0
213	Emodin ameliorates renal injury and fibrosis via regulating the miR-490-3p/HMGA2 axis. <i>Frontiers in Pharmacology</i> , 0, 14, .	1.6	1
214	The In Vitro Anti-Parasitic Activities of Emodin toward <i>Toxoplasma Gondii</i> . <i>Pharmaceuticals</i> , 2023, 16, 447.	1.7	0
215	Advanced Oxidation Protein Products Regulate the Pharmacokinetics of Aloe-emodin, Emodin, Rhein, and Chrysophanol in Chronic Kidney Disease Rats. <i>Clinical Complementary Medicine and Pharmacology</i> , 2023, 3, 100087.	0.9	0
216	Impact of dry-off and lyophilized <i>Aloe arborescens</i> supplementation on plasma metabolome of dairy cows. <i>Scientific Reports</i> , 2023, 13, .	1.6	0
217	Prediction and verification of the active ingredients and potential targets of Erhuang Quzhi Granules on non-alcoholic fatty liver disease based on network pharmacology. <i>Journal of Ethnopharmacology</i> , 2023, 311, 116435.	2.0	2
218	Assessment of the potential value of combining western medicine therapies with traditional chinese medicine in the treatment of COVID-19: Mechanistic perspectives. <i>Technology and Health Care</i> , 2023, , 1-16.	0.5	0

#	ARTICLE	IF	CITATIONS
219	A novel small molecule AdipoR2 agonist ameliorates experimental hepatic steatosis in hamsters and mice. <i>Free Radical Biology and Medicine</i> , 2023, 203, 69-85.	1.3	2
220	Boosting Glioblastoma Therapy with Targeted Pyroptosis Induction. <i>Small</i> , 2023, 19, .	5.2	4
221	Application of nanoparticles in the diagnosis and treatment of chronic kidney disease. <i>Frontiers in Medicine</i> , 0, 10, .	1.2	1
222	Shengjiang San alleviated sepsis-induced lung injury through its bidirectional regulatory effect. <i>Chinese Medicine</i> , 2023, 18, .	1.6	1
232	Antibacterial activities of anthraquinones: structure–activity relationships and action mechanisms. <i>RSC Medicinal Chemistry</i> , 2023, 14, 1446-1471.	1.7	5
234	Anthrol reductases: discovery, role in biosynthesis and applications in natural product syntheses. <i>Natural Product Reports</i> , 0, , .	5.2	0
258	Analysis of anti-diabetic property of Aloe vera (L.) Burm.f. by in silico molecular docking. <i>AIP Conference Proceedings</i> , 2023, , .	0.3	0