

# CITATION REPORT

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Natural feed additive of *Macleaya cordata*: safety assessment in rats a 90-day feeding experiment

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Food and Chemical Toxicology, 2008, 46, 3721-6.

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#	Paper	IF	Citations
47	Phytochemical and antimicrobial characterization of <i>Macleaya cordata</i> herb. <i>Phytotherapy Research</i> , <b>2010</b> , 81, 1006-123	3.2	103
46	The phyto-genetic feed additive Sangrovit modulates dextran sulfate sodium-induced colitis in rats. <i>Veterinarni Medicina</i> , <b>2010</b> , 55, 610-618	0.7	10
45	The Chemical and Biological Properties of Protopine and Allocryptopine. <i>Heterocycles</i> , <b>2010</b> , 81, 1773	0.8	30
44	Growth performance, gastrointestinal tract responses, and meat characteristics of broiler chickens fed a diet containing the natural alkaloid sanguinarine from <i>Macleaya cordata</i> . <i>Journal of Applied Poultry Research</i> , <b>2010</b> , 19, 393-400	2	19
43	Seasonal variation of bioactive alkaloid contents in <i>Macleaya microcarpa</i> (Maxim.) Fedde. <i>Molecules</i> , <b>2011</b> , 16, 3391-401	4.8	23
42	Effects of dietary addition of <i>Macleaya cordata</i> alkaloid extract on growth performance, caecal indices and breast meat fatty acids profile in male broilers. <i>Journal of Animal Physiology and Animal Nutrition</i> , <b>2011</b> , 95, 171-8	2.6	32
41	Papaveraceae Juss.. <b>2012</b> , 844-859		
40	Insecticidal alkaloids from the seeds of <i>Macleaya cordata</i> on cotton aphid ( <i>Aphis gossypii</i> ). <b>2013</b> , 56, 135-140		11
39	In vitro assessment of <i>Macleaya cordata</i> crude extract bioactivity and anticancer properties in normal and cancerous human lung cells. <i>Experimental and Toxicologic Pathology</i> , <b>2013</b> , 65, 775-87		24
38	Structural speculation and identification of alkaloids in <i>Macleaya cordata</i> fruits by high-performance liquid chromatography/quadrupole-time-of-flight mass spectrometry combined with a screening procedure. <i>Rapid Communications in Mass Spectrometry</i> , <b>2014</b> , 28, 1033-44	2.2	33
37	Effects of Dietary Sanguinarine on Growth Performance, Relative Organ Weight, Cecal Microflora, Serum Cholesterol Level and Meat Quality in Broiler Chickens. <i>Journal of Poultry Science</i> , <b>2015</b> , 52, 15-22	1.6	42
36	Effect of a natural feed additive ( <i>Macleaya cordata</i> ), containing sanguinarine, on the performance and health status of weaning pigs. <i>Animal Science Journal</i> , <b>2015</b> , 86, 92-8	1.8	49
35	A novel C-C radical coupling reaction promoted by visible light: facile synthesis of 6-substituted N-methyl 5,6-dihydrobenzophenanthridine alkaloids. <i>RSC Advances</i> , <b>2016</b> , 6, 50500-50505	3.7	6
34	Macleayine, a new alkaloid from <i>Macleaya cordata</i> . <i>Chinese Chemical Letters</i> , <b>2016</b> , 27, 1717-1720	8.1	9
33	Cadmium accumulation and tolerance of <i>Macleaya cordata</i> : a newly potential plant for sustainable phytoremediation in Cd-contaminated soil. <i>Environmental Science and Pollution Research</i> , <b>2016</b> , 23, 10189-99	5.1	37
32	Mass spectrometry-guided isolation of two new benzoquinoline alkaloids from <i>Macleaya cordata</i> . <i>Natural Product Research</i> , <b>2016</b> , 30, 1030-5	2.3	9
31	Effects of different levels of sanguinarine on antioxidant indices, immunological responses, ileal microbial counts and jejunal morphology of laying hens fed diets with different levels of crude protein. <i>Journal of Animal Physiology and Animal Nutrition</i> , <b>2017</b> , 101, 936-948	2.6	15

30	Mass spectrometry-guided isolation of two new dihydrobenzophenanthridine alkaloids from <i>Macleaya cordata</i> . <i>Natural Product Research</i> , <b>2017</b> , 31, 1633-1639	2.3	7
29	Control of <i>Microcystis</i> (Cyanobacteria) using the fruit of <i>Macleaya cordata</i> : from laboratory experiment to in situ field test. <i>Phycologia</i> , <b>2017</b> , 56, 382-389	2.7	5
28	Establishment of an efficient <i>Agrobacterium</i> -mediated genetic transformation method in <i>Macleaya cordata</i> . <i>Scientia Horticulturae</i> , <b>2017</b> , 226, 302-306	4.1	9
27	Molecular targets and anticancer potential of sanguinarine-a benzophenanthridine alkaloid. <i>Phytomedicine</i> , <b>2017</b> , 34, 143-153	6.5	32
26	Medicinal plants of the genus <i>Macleaya</i> ( <i>Macleaya cordata</i> , <i>Macleaya microcarpa</i> ): A review of their phytochemistry, pharmacology, and toxicology. <i>Phytotherapy Research</i> , <b>2018</b> , 32, 19-48	6.7	29
25	Phytochemical Analysis and Antimicrobial Efficacy of against Extensively Drug-Resistant. <i>Natural Product Communications</i> , <b>2018</b> , 13,	0.9	8
24	Characterization of N-methylcanadine and N-methylstylopine metabolites in rat liver S9 by high-performance liquid chromatography/quadrupole time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>2018</b> , 32, 2047-2054	2.2	4
23	<i>Macleaya cordata</i> helps improve the growth-promoting effect of chlortetracycline on broiler chickens. <i>Journal of Zhejiang University: Science B</i> , <b>2018</b> , 19, 776-784	4.5	6
22	Effects of dietary <i>Macleaya cordata</i> extract on growth performance, immune responses, antioxidant capacity, and intestinal development in weaned piglets. <i>Journal of Applied Animal Research</i> , <b>2019</b> , 47, 349-356	1.7	12
21	Cyanobacterial bloom mitigation by sanguinarine and its effects on aquatic microbial community structure. <i>Environmental Pollution</i> , <b>2019</b> , 253, 497-506	9.3	7
20	Molluscicidal activity and physiological toxicity of quaternary benzo[c]phenanthridine alkaloids (QBAs) from <i>Macleaya cordata</i> fruits on <i>Oncomelania hupensis</i> . <i>PLoS Neglected Tropical Diseases</i> , <b>2019</b> , 13, e0007740	4.8	5
19	Complete plastome sequence of ( <i>Hooker and Arnott</i> ) <i>Champion ex Bentham</i> (Aquifoliaceae), a Chinese folk herbal medicine. <i>Mitochondrial DNA Part B: Resources</i> , <b>2019</b> , 4, 2341-2342	0.5	2
18	Rapid identification of "mad honey" from <i>Tripterygium wilfordii</i> Hook. f. and <i>Macleaya cordata</i> (Willd) R. Br using UHPLC/Q-TOF-MS. <i>Food Chemistry</i> , <b>2019</b> , 294, 67-72	8.5	6
17	Responses of <i>Microcystis aeruginosa</i> (Cyanobacteria) to sanguinarine stress: morphological and physiological characteristics associated with competitive advantage. <i>Phycologia</i> , <b>2019</b> , 58, 260-268	2.7	1
16	Pharmacokinetics of sanguinarine, chelerythrine, and their metabolites in broiler chickens following oral and intravenous administration. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , <b>2019</b> , 42, 197-206	1.4	10
15	An improved overall risk probability-based method for assessing the combined health risks of chemical mixtures: An example about mixture of aflatoxin B and microcystin LR by dietary intake. <i>Food and Chemical Toxicology</i> , <b>2020</b> , 146, 111815	4.7	0
14	Sanguinarine modulate gut microbiome and intestinal morphology to enhance growth performance in broilers. <i>PLoS ONE</i> , <b>2020</b> , 15, e0234920	3.7	6
13	Online high-pH reversed-phase liquid chromatography [low-pH reversed-phase liquid chromatography tandem electrospray ionization mass spectrometry combined with pulse elution gradient in the first dimension for the analysis of alkaloids in <i>Macleaya cordata</i> (willd.) R. Br. <i>Journal of Separation Science</i> , <b>2020</b> , 43, 1489-1499	3.4	2

12	Pharmacokinetics of chelerythrine and its metabolite after oral and intramuscular administrations in pigs. <i>Xenobiotica</i> , <b>2021</b> , 51, 1264-1270	2	2
11	Metabolism and Tissue Distribution of Chelerythrine and Effects of Extracts on Liver NAD(P)H Quinone Oxidoreductase. <i>Frontiers in Veterinary Science</i> , <b>2021</b> , 8, 659771	3.1	4
10	Integration of transcriptome, proteome and metabolism data reveals the alkaloids biosynthesis in <i>Macleaya cordata</i> and <i>Macleaya microcarpa</i> . <i>PLoS ONE</i> , <b>2013</b> , 8, e53409	3.7	46
9	A Review of Prevention and Control Methods of Salmonella species in Swine Production and the Role of Dietary Non-Nutritional Additives. <i>Asian Journal of Animal and Veterinary Advances</i> , <b>2015</b> , 10, 803-829	0.1	6
8	Influence of Quaternary Benzophenantridine and Protopine Alkaloids on Growth Performance, Dietary Energy, Carcass Traits, Visceral Mass, and Rumen Health in Finishing Ewes under Conditions of Severe Temperature-humidity Index. <i>Asian-Australasian Journal of Animal Sciences</i> , <b>2016</b> , 29, 652-8	2.4	18
7	The effect of dietary bee pollen intake on growth performance and biochemical indicators of rats. <i>Acta Veterinaria Brno</i> , <b>2016</b> , 85, 99-104	0.8	3
6	Use of a natural herbal-based feed additive containing isoquinoline alkaloids in newborn calves with cryptosporidiosis. <i>Veterinary Parasitology</i> , <b>2021</b> , 300, 109615	2.8	0
5	Potential Toxicity Evaluation of Protopine in (Willd.) R. Br.-A Bioactivity Guided Approach.. <i>Frontiers in Veterinary Science</i> , <b>2021</b> , 8, 752767	3.1	0
4	Sex differences in the pharmacokinetics and tissue residues of extracts in rats.. <i>Xenobiotica</i> , <b>2022</b> , 1-26	2	1
3	Impacts of <i>Macleaya cordata</i> on Productive Performance, Expression of Growth-Related Genes, Hematological, and Biochemical Parameters in Turkey. <i>Frontiers in Veterinary Science</i> , 9,	3.1	
2	Preclinical safety evaluation of <i>Macleaya Cordata</i> extract: A re-assessment of general toxicity and genotoxicity properties in rodents. 13,		0
1	<i>Macleaya cordata</i> extract improves the growth performance and intestinal health of American eels ( <i>Anguilla rostrata</i> ) farmed in intensive system. 1-5		0