

Harinder Ps Makkar

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

5,246
citations

257450

24
h-index

377865

34
g-index

35
all docs

35
docs citations

35
times ranked

5116
citing authors

#	ARTICLE	IF	CITATIONS
1	Modifying gut microbiomes in large ruminants: Opportunities in non-intensive husbandry systems. <i>Animal Frontiers</i> , 2016, 6, 27.	1.7	19
2	State-of-the-art on detoxification of <i>Jatropha curcas</i> products aimed for use as animal and fish feed: A review. <i>Animal Feed Science and Technology</i> , 2016, 222, 87-99.	2.2	29
3	Divergence between purified hydrolysable and condensed tannin effects on methane emission, rumen fermentation and microbial population in vitro. <i>Animal Feed Science and Technology</i> , 2015, 209, 60-68.	2.2	151
4	Towards sustainable animal diets: A survey-based study. <i>Animal Feed Science and Technology</i> , 2014, 198, 309-322.	2.2	63
5	State-of-the-art on use of insects as animal feed. <i>Animal Feed Science and Technology</i> , 2014, 197, 1-33.	2.2	1,048
6	Occular and dermal toxicity of <i>Jatropha curcas</i> phorbol esters. <i>Ecotoxicology and Environmental Safety</i> , 2013, 94, 172-178.	6.0	17
7	Chemical characterisation of kernels, kernel meals and oils from <i>Jatropha cordata</i> and <i>Jatropha cardiophylla</i> seeds. <i>Journal of the Science of Food and Agriculture</i> , 2013, 93, 1706-1710.	3.5	6
8	Shelf-life of isolated phorbol esters from <i>Jatropha curcas</i> oil. <i>Industrial Crops and Products</i> , 2013, 49, 454-461.	5.2	8
9	Activities of <i>Jatropha curcas</i> phorbol esters in various bioassays. <i>Ecotoxicology and Environmental Safety</i> , 2012, 78, 57-62.	6.0	44
10	Localisation of antinutrients and qualitative identification of toxic components in <i>Jatropha curcas</i> seed. <i>Journal of the Science of Food and Agriculture</i> , 2012, 92, 1519-1525.	3.5	19
11	Isolation, stability and bioactivity of <i>Jatropha curcas</i> phorbol esters. <i>Fitoquímica</i> , 2012, 83, 586-592.	2.2	53
12	Potential of using phorbol esters as an insecticide against <i>Spodoptera frugiperda</i> . <i>Industrial Crops and Products</i> , 2012, 38, 50-53.	5.2	27
13	Effects of replacing soybean meal by detoxified <i>Jatropha curcas</i> kernel meal in the diet of growing pigs on their growth, serum biochemical parameters and visceral organs. <i>Animal Feed Science and Technology</i> , 2011, 170, 141-146.	2.2	27
14	Isolation of phytate from <i>Jatropha curcas</i> kernel meal and effects of isolated phytate on growth, digestive physiology and metabolic changes in Nile tilapia (<i>Oreochromis niloticus</i> L.). <i>Food and Chemical Toxicology</i> , 2011, 49, 2144-2156.	3.6	26
15	Non-starch polysaccharides and their role in fish nutrition – A review. <i>Food Chemistry</i> , 2011, 127, 1409-1426.	8.2	328
16	<i>Jatropha platyphylla</i> , a new non-toxic <i>Jatropha</i> species: Physical properties and chemical constituents including toxic and antinutritional factors of seeds. <i>Food Chemistry</i> , 2011, 125, 63-71.	8.2	45
17	Are <i>Jatropha curcas</i> phorbol esters degraded by rumen microbes?. <i>Journal of the Science of Food and Agriculture</i> , 2010, 90, 1562-1565.	3.5	21
18	Biodegradation of <i>Jatropha curcas</i> phorbol esters in soil. <i>Journal of the Science of Food and Agriculture</i> , 2010, 90, 2090-2097.	3.5	47

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19	Dietary roles of phytate and phytase in human nutrition: A review. <i>Food Chemistry</i> , 2010, 120, 945-959.	8.2	623
20	Physiological, haematological and histopathological responses in common carp (<i>Cyprinus carpio</i> L.) fingerlings fed with differently detoxified <i>Jatropha curcas</i> kernel meal. <i>Food and Chemical Toxicology</i> , 2010, 48, 2063-2072.	3.6	103
21	Ozone exposure during growth affects the feeding value of rice shoots. <i>Animal Feed Science and Technology</i> , 2010, 155, 74-79.	2.2	16
22	Screening Plants and Plant Products for Methane Inhibitors. , 2010, , 191-231.		35
23	Tannins determined by various methods as predictors of methane production reduction potential of plants by an in vitro rumen fermentation system. <i>Animal Feed Science and Technology</i> , 2009, 150, 230-237.	2.2	90
24	Protein concentrate from <i>Jatropha curcas</i> screw-pressed seed cake and toxic and antinutritional factors in protein concentrate. <i>Journal of the Science of Food and Agriculture</i> , 2008, 88, 1542-1548.	3.5	165
25	A review of the use of isotopic and nuclear techniques in animal production. <i>Animal Feed Science and Technology</i> , 2008, 140, 418-443.	2.2	16
26	Effects of <i>Sesbania sesban</i> and <i>Carduus pycnocephalus</i> leaves and Fenugreek (<i>Trigonella</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Td (concentrate-based feeds to methane. <i>Animal Feed Science and Technology</i> , 2008, 147, 72-89.	2.2	133
27	Variations in Seed Number per Fruit, Seed Physical Parameters and Contents of Oil, Protein and Phorbol Ester in Toxic and Non-Toxic Genotypes of <i>Jatropha curcas</i> . <i>Journal of Plant Sciences</i> , 2008, 3, 260-265.	0.2	45
28	Chemical and biological assays for quantification of major plant secondary metabolites. <i>BSAP Occasional Publication</i> , 2006, 34, 235-249.	0.0	5
29	Quillaja saponins a natural growth promoter for fish. <i>Animal Feed Science and Technology</i> , 2005, 121, 147-157.	2.2	73
30	Use of nuclear and related techniques to develop simple tannin assays for predicting and improving the safety and efficiency of feeding ruminants on tanniniferous tree foliage: Achievements, result implications, and future research. <i>Animal Feed Science and Technology</i> , 2005, 122, 3-12.	2.2	16
31	In vitro gas methods for evaluation of feeds containing phytochemicals. <i>Animal Feed Science and Technology</i> , 2005, 123-124, 291-302.	2.2	78
32	Dietary supplementation with a Quillaja saponin mixture improves growth performance and metabolic efficiency in common carp (<i>Cyprinus carpio</i> L.). <i>Aquaculture</i> , 2002, 203, 311-320.	3.5	84
33	Antinutritional factors present in plant-derived alternate fish feed ingredients and their effects in fish. <i>Aquaculture</i> , 2001, 199, 197-227.	3.5	1,668
34	Limitation of the butanol-hydrochloric acid-iron assay for bound condensed tannins. <i>Food Chemistry</i> , 1999, 66, 129-133.	8.2	41
35	Protein-binding capacity of microquantities of tannins. <i>Analytical Biochemistry</i> , 1988, 170, 50-53.	2.4	77