

# Mohd Zaini Asmawi

## List of Publications by Year in descending order

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76  
papers

2,387  
citations

159358

30  
h-index

233125

45  
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78  
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78  
docs citations

78  
times ranked

2960  
citing authors

#	ARTICLE	IF	CITATIONS
1	Potent $\alpha$ -glucosidase and $\alpha$ -amylase inhibitory activities of standardized 50% ethanolic extracts and sinensetin from <i>Orthosiphon stamineus</i> Benth as anti-diabetic mechanism. <i>BMC Complementary and Alternative Medicine</i> , 2012, 12, 176.	3.7	122
2	Toxicology evaluation of standardized methanol extract of <i>Gynura procumbens</i> . <i>Journal of Ethnopharmacology</i> , 2009, 123, 244-249.	2.0	105
3	Antidiabetic Properties and Mechanism of Action of <i>Gynura procumbens</i> Water Extract in Streptozotocin-Induced Diabetic Rats. <i>Molecules</i> , 2010, 15, 9008-9023.	1.7	92
4	A bitter plant with a sweet future? A comprehensive review of an oriental medicinal plant: <i>Andrographis paniculata</i> . <i>Phytochemistry Reviews</i> , 2012, 11, 39-75.	3.1	75
5	Studies on diuretic and hypouricemic effects of <i>Orthosiphon stamineus</i> methanol extracts in rats. <i>Journal of Ethnopharmacology</i> , 2008, 118, 354-360.	2.0	69
6	Toxicity evaluation of a standardised 50% ethanol extract of <i>Orthosiphon stamineus</i> . <i>Journal of Ethnopharmacology</i> , 2011, 133, 358-363.	2.0	69
7	HPLC and Anti-Inflammatory Studies of the Flavonoid Rich Chloroform Extract Fraction of <i>Orthosiphon Stamineus</i> Leaves. <i>Molecules</i> , 2010, 15, 4452-4466.	1.7	66
8	Antioxidant versus anti-diabetic properties of leaves from <i>Vernonia amygdalina</i> Del. growing in Malaysia. <i>Food Chemistry</i> , 2013, 141, 3428-3434.	4.2	58
9	An Investigation of the Anti-Inflammatory and Analgesic Effects of <i>Orthosiphon stamineus</i> Leaf Extract. <i>Journal of Medicinal Food</i> , 2008, 11, 362-368.	0.8	56
10	Bioactivity-Guided Isolation of Ethyl-p-methoxycinnamate, an Anti-inflammatory Constituent, from <i>Kaempferia galanga</i> L. Extracts. <i>Molecules</i> , 2012, 17, 8720-8734.	1.7	56
11	Flavonoids Eupatorin and Sinensetin Present in <i>Orthosiphon stamineus</i> Leaves Inhibit Inflammatory Gene Expression and STAT1 Activation. <i>Planta Medica</i> , 2012, 78, 779-786.	0.7	55
12	Antioxidant and Hepatoprotective Effects of <i>Orthosiphon stamineus</i> Benth.. <i>The American Journal of Chinese Medicine</i> , 2007, 35, 115-126.	1.5	54
13	Synergistic antidiabetic activity of <i>Vernonia amygdalina</i> and <i>Azadirachta indica</i> : Biochemical effects and possible mechanism. <i>Journal of Ethnopharmacology</i> , 2012, 141, 878-887.	2.0	54
14	Genotoxicity and acute and subchronic toxicity studies of a standardized methanolic extract of <i>Ficus deltoidea</i> leaves. <i>Clinics</i> , 2013, 68, 865-875.	0.6	52
15	Hypoglycemic and anti-hyperglycemic study of <i>Gynura procumbens</i> leaf extracts. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2013, 3, 358-366.	0.5	51
16	<i>Kigelia africana</i> (Lam.) Benth. (Sausage tree): Phytochemistry and pharmacological review of a quintessential African traditional medicinal plant. <i>Journal of Ethnopharmacology</i> , 2016, 189, 253-276.	2.0	50
17	A review on promising phytochemical, nutritional and glycemic control studies on <i>Moringa oleifera</i> Lam. in tropical and sub-tropical regions. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2016, 6, 896-902.	0.5	50
18	Ethyl-p-methoxycinnamate isolated from <i>kaempferia galanga</i> inhibits inflammation by suppressing interleukin-1, tumor necrosis factor- $\alpha$ , and angiogenesis by blocking endothelial functions. <i>Clinics</i> , 2014, 69, 134-144.	0.6	48

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19	Antidiabetic and antioxidant activities of <i>Nypa fruticans</i> Wurmb. vinegar sample from Malaysia. Asian Pacific Journal of Tropical Medicine, 2015, 8, 595-605.	0.4	48
20	Safety assessment of methanol extract of red dragon fruit ( <i>Hylocereus polyrhizus</i> ): Acute and subchronic toxicity studies. Regulatory Toxicology and Pharmacology, 2012, 63, 106-114.	1.3	47
21	Antidiabetic Properties and Mechanism of Action of <i>Orthosiphon stamineus</i> Benth Bioactive Sub-fraction in Streptozotocin-induced Diabetic Rats. JAMS Journal of Acupuncture and Meridian Studies, 2013, 6, 31-40.	0.3	47
22	Effect of extraction solvents and plant parts used on the antihyperlipidemic and antioxidant effects of <i>Garcinia atroviridis</i> : a comparative study. Journal of the Science of Food and Agriculture, 2014, 94, 1552-1558.	1.7	45
23	Synthesis and evaluation of isonicotinoyl hydrazone derivatives as antimycobacterial and anticancer agents. Medicinal Chemistry Research, 2014, 23, 269-279.	1.1	43
24	Antihyperglycemic Effect of Methanol Extract of <i>Syzygium polyanthum</i> (Wight.) Leaf in Streptozotocin-Induced Diabetic Rats. Nutrients, 2015, 7, 7764-7780.	1.7	40
25	Phyllanthus Niruri Standardized Extract Alleviates the Progression of Non-Alcoholic Fatty Liver Disease and Decreases Atherosclerotic Risk in Sprague-Dawley Rats. Nutrients, 2017, 9, 766.	1.7	40
26	Acute and subchronic oral toxicity of <i>Coriolus versicolor</i> standardized water extract in Sprague-Dawley rats. Journal of Ethnopharmacology, 2011, 137, 1067-1076.	2.0	38
27	In vitro and in vivo effects of standardized extract and fractions of <i>Phaleria macrocarpa</i> fruits pericarp on lead carbohydrate digesting enzymes. BMC Complementary and Alternative Medicine, 2013, 13, 39.	3.7	38
28	Acute and Sub-Acute Toxicity Evaluation of the Methanolic Extract of <i>Alstonia scholaris</i> Stem Bark. Medical Sciences (Basel, Switzerland), 2016, 4, 4.	1.3	36
29	Pharmacological mechanisms underlying the vascular activities of <i>Loranthus ferrugineus</i> Roxb. in rat thoracic aorta. Journal of Ethnopharmacology, 2010, 127, 19-25.	2.0	34
30	Antihyperglycemic Effect of <i>Orthosiphon Stamineus</i> Benth Leaves Extract and Its Bioassay-Guided Fractions. Molecules, 2011, 16, 3787-3801.	1.7	34
31	Chiral liquid chromatography-mass spectrometry (LC-MS/MS) method development for the detection of salbutamol in urine samples. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1025, 83-91.	1.2	33
32	A Simple Isocratic HPLC Method for the Simultaneous Determination of Sinensetin, Eupatorin, and 3-hydroxy-5,6,7,4-tetramethoxyflavone in <i>Orthosiphon stamineus</i> Extracts. JAMS Journal of Acupuncture and Meridian Studies, 2012, 5, 176-182.	0.3	32
33	Aqueous Extract of <i>Nypa fruticans</i> Wurmb. Vinegar Alleviates Postprandial Hyperglycemia in Normoglycemic Rats. Nutrients, 2015, 7, 7012-7026.	1.7	31
34	Vasorelaxant properties of <i>Vernonia amygdalina</i> ethanol extract and its possible mechanism. Pharmaceutical Biology, 2017, 55, 2083-2094.	1.3	30
35	Review on <i>Polygonum minus</i> . Huds, a commonly used food additive in Southeast Asia. Pharmacognosy Research (discontinued), 2015, 7, 1.	0.3	29
36	<i>Orthosiphon stamineus</i> Leaf Extract Protects Against Ethanol-Induced Gastropathy in Rats. Journal of Medicinal Food, 2009, 12, 1089-1097.	0.8	28

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37	Bioassay-Guided Antidiabetic Study of Phaleria macrocarpa Fruit Extract. <i>Molecules</i> , 2012, 17, 4986-5002.	1.7	27
38	Elicitation of <i>Orthosiphon stamineus</i> cell suspension culture for enhancement of phenolic compounds biosynthesis and antioxidant activity. <i>Industrial Crops and Products</i> , 2013, 50, 436-442.	2.5	25
39	Acute and subchronic toxicity studies of methanol extract of <i>Polygonum minus</i> leaves in Sprague Dawley rats. <i>Regulatory Toxicology and Pharmacology</i> , 2017, 86, 33-41.	1.3	24
40	Anti-inflammatory and Analgesic Effects of <i>Elephantopus tomentosus</i> Ethanolic Extract. <i>JAMS Journal of Acupuncture and Meridian Studies</i> , 2009, 2, 280-287.	0.3	23
41	Anti-angiogenic activity of <i>Gynura segetum</i> leaf extracts and its fractions. <i>Journal of Ethnopharmacology</i> , 2011, 134, 221-227.	2.0	22
42	Overview of Antagonists Used for Determining the Mechanisms of Action Employed by Potential Vasodilators with Their Suggested Signaling Pathways. <i>Molecules</i> , 2016, 21, 495.	1.7	22
43	Vasorelaxation effect of <i>Glycyrrhizae uralensis</i> through the endothelium-dependent Pathway. <i>Journal of Ethnopharmacology</i> , 2017, 199, 149-160.	2.0	22
44	Mechanisms of Action of <i>Uncaria rhynchophylla</i> Ethanolic Extract for Its Vasodilatory Effects. <i>Journal of Medicinal Food</i> , 2017, 20, 895-911.	0.8	22
45	Evaluation of Toxicological and Standardization Parameters and Phytochemical Investigation of <i>Ficus deltoidea</i> Leaves. <i>American Journal of Biochemistry and Molecular Biology</i> , 2011, 1, 237-243.	0.6	22
46	<i>Loranthus ferrugineus</i> : a Mistletoe from Traditional Uses to Laboratory Bench. <i>Journal of Pharmacopuncture</i> , 2015, 18, 7-18.	0.4	21
47	Mechanisms underlying the antihypertensive effect of <i>Alstonia scholaris</i> . <i>Journal of Ethnopharmacology</i> , 2015, 175, 422-431.	2.0	21
48	Anti-hypertensive and vasodilatory effects of amended <i>Banxia Baizhu Tianma Tang</i> . <i>Biomedicine and Pharmacotherapy</i> , 2018, 97, 985-994.	2.5	21
49	Biochemical and histological impact of <i>Vernonia amygdalina</i> supplemented diet in obese rats. <i>Saudi Journal of Biological Sciences</i> , 2012, 19, 385-392.	1.8	19
50	Effects of Extracts and Fractions of <i>Gynura procumbens</i> on Rat Atrial Contraction. <i>JAMS Journal of Acupuncture and Meridian Studies</i> , 2013, 6, 199-207.	0.3	17
51	Multi-constituent synergism is responsible for anti-inflammatory effect of <i>Azadirachta indica</i> leaf extract. <i>Pharmaceutical Biology</i> , 2014, 52, 1411-1422.	1.3	17
52	Adipocytokine Regulation and Antiangiogenic Activity Underlie the Molecular Mechanisms of Therapeutic Effects of <i>Phyllanthus niruri</i> against Non-Alcoholic Fatty Liver Disease. <i>Nutrients</i> , 2018, 10, 1057.	1.7	17
53	Hypoglycemic and anti-hyperglycemic study of <i>Ocimum tenuiflorum</i> L. leaves extract in normal and streptozotocin-induced diabetic rats. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2016, 6, 1029-1036.	0.5	15
54	Vasodilatory Effects of Combined Traditional Chinese Medicinal Herbs in Optimized Ratio. <i>Journal of Medicinal Food</i> , 2017, 20, 265-278.	0.8	15

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55	Volatile constituents of the fruit of <i>Garcinia atrovirens</i> and their antibacterial and anti-inflammatory activities. <i>Flavour and Fragrance Journal</i> , 2013, 28, 2-9.	1.2	14
56	<i>Nypa fruticans</i> Wurmb. Vinegar's Aqueous Extract Stimulates Insulin Secretion and Exerts Hepatoprotective Effect on STZ-Induced Diabetic Rats. <i>Nutrients</i> , 2017, 9, 925.	1.7	13
57	Vasodilation and Antihypertensive Activities of <i>Swietenia macrophylla</i> (Mahogany) Seed Extract. <i>Journal of Medicinal Food</i> , 2018, 21, 289-301.	0.8	11
58	Vasorelaxant and chemical fingerprint studies of <i>Citrus reticulatae</i> pericarpium extracts. <i>Journal of Ethnopharmacology</i> , 2019, 232, 135-144.	2.0	11
59	Antihyperglycaemic and Toxicological Evaluations of Extract and Fractions of <i>Gynura procumbens</i> Leaves. <i>Tropical Life Sciences Research</i> , 2014, 25, 75-93.	0.5	11
60	Safety assessment of the ethanolic extract of <i>Gongronema latifolium</i> Benth. leaves: a 90-day oral toxicity study in Sprague Dawley rats. <i>BMC Complementary and Alternative Medicine</i> , 2019, 19, 152.	3.7	10
61	Underlying mechanism of vasorelaxant effect exerted by 3,5,7,8-tetrahydroxyflavone in rats aortic ring. <i>European Journal of Pharmacology</i> , 2020, 880, 173123.	1.7	10
62	Overview of Signaling Mechanism Pathways Employed by BPAid in Vasodilatory Activity. <i>Journal of Medicinal Food</i> , 2017, 20, 1201-1213.	0.8	9
63	Mechanisms underlying the vascular relaxation activities of <i>Zingiber officinale</i> var. <i>rubrum</i> in thoracic aorta of spontaneously hypertensive rats. <i>Journal of Integrative Medicine</i> , 2020, 18, 46-58.	1.4	9
64	Vasorelaxant activities and the underlying pharmacological mechanisms of <i>Gynura procumbens</i> Merr. leaf extracts on rat thoracic aorta. <i>Inflammopharmacology</i> , 2019, 27, 421-431.	1.9	8
65	Blood pressure lowering effect and vascular activity of <i>Phyllanthus niruri</i> extract: The role of NO/cGMP signaling pathway and I <sup>2</sup> -adrenoceptor mediated relaxation of isolated aortic rings. <i>Journal of Ethnopharmacology</i> , 2020, 250, 112461.	2.0	8
66	In Vitro Cholinomimetic Effect of <i>Loranthus Ferrugineus</i> in Isolated Guinea Pig Ileum. <i>JAMS Journal of Acupuncture and Meridian Studies</i> , 2009, 2, 288-293.	0.3	6
67	Cytotoxic and Pro-Apoptotic Properties of Ethyl-p-Methoxycinnamate and Its Hydrophilic Derivative Potassium-p-Methoxycinnamate. <i>Chemistry Africa</i> , 2018, 1, 87-95.	1.2	6
68	A Soxhlet Extract of <i>Gongronema latifolium</i> Retains Moderate Blood Glucose Lowering Effect and Produces Structural Recovery in the Pancreas of STZ-Induced Diabetic Rats. <i>Medical Sciences (Basel)</i> , 2020, 9, 1010.	0.0	10
69	Toxicological, Antidiarrhoeal and Antispasmodic Activities of <i>Syzygium myrtifolium</i> . <i>Revista Brasileira De Farmacognosia</i> , 2020, 30, 397-405.	0.6	5
70	Caffeoylquinic Acids Rich versus Poor Fractions of <i>Gynura procumbens</i> : Their Comparative Antihyperlipidemic and Antioxidant Potential. <i>Current Pharmaceutical Biotechnology</i> , 2018, 18, 1132-1140.	0.9	5
71	Influence of extracting solvent on pharmacological activity and cytotoxicity of <i>Polygonum minus</i> , a commonly consumed herb in Southeast Asia. <i>Pharmacognosy Magazine</i> , 2016, 12, 424.	0.3	5
72	Antihypertensive activity and vascular reactivity mechanisms of <i>Vitex pubescens</i> leaf extracts in spontaneously hypertensive rats. <i>Heliyon</i> , 2020, 6, e04588.	1.4	4

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73	Development of a Stepping Force Analgesic Meter for a Rat Arthritic Model. <i>Sensors</i> , 2011, 11, 5058-5070.	2.1	3
74	Clinical investigations on gastroprotective effects of ethanolic extract of <i>Phyllanthus emblica</i> Linn fruits. <i>Journal of Herbal Medicine</i> , 2017, 7, 11-17.	1.0	3
75	Vasorelaxant effect of water fraction of <i>Labisia Pumila</i> and its mechanisms in spontaneously hypertensive rats aortic ring preparation. <i>International Journal of Cardiology: Hypertension</i> , 2020, 4, 100024.	2.2	2
76	Screening of Stepping Forces in an Arthritic Rat Model Using a Novel Analgesic Meter and Data Acquisition System. <i>Sensors</i> , 2012, 12, 9603-9612.	2.1	0