

Norhaizan Mohd Esa

List of Publications by Year in descending order

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75
papers

4,017
citations

147801

31
h-index

123424

61
g-index

81
all docs

81
docs citations

81
times ranked

6608
citing authors

#	ARTICLE	IF	CITATIONS
1	Antioxidant and Oxidative Stress: A Mutual Interplay in Age-Related Diseases. <i>Frontiers in Pharmacology</i> , 2018, 9, 1162.	3.5	681
2	Role of Antioxidants and Natural Products in Inflammation. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-15.	4.0	559
3	Effect of High-Fat Diets on Oxidative Stress, Cellular Inflammatory Response and Cognitive Function. <i>Nutrients</i> , 2019, 11, 2579.	4.1	209
4	Nutrients and Oxidative Stress: Friend or Foe?. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-24.	4.0	200
5	Curcumin Combination Chemotherapy: The Implication and Efficacy in Cancer. <i>Molecules</i> , 2019, 24, 2527.	3.8	156
6	Gallic acid suppresses inflammation in dextran sodium sulfate-induced colitis in mice: Possible mechanisms. <i>International Immunopharmacology</i> , 2015, 28, 1034-1043.	3.8	135
7	Luteolin, a Bioflavonoid Inhibits Colorectal Cancer through Modulation of Multiple Signaling Pathways: A Review. <i>Asian Pacific Journal of Cancer Prevention</i> , 2014, 15, 5501-5508.	1.2	105
8	Gallic acid attenuates dextran sulfate sodium-induced experimental colitis in BALB/c mice. <i>Drug Design, Development and Therapy</i> , 2015, 9, 3923.	4.3	102
9	Carotenoids: How Effective Are They to Prevent Age-Related Diseases?. <i>Molecules</i> , 2019, 24, 1801.	3.8	96
10	Sustained release of anticancer agent phytic acid from its chitosan-coated magnetic nanoparticles for drug-delivery system. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 2361-2372.	6.7	94
11	An insight on superoxide dismutase (SOD) from plants for mammalian health enhancement. <i>Journal of Functional Foods</i> , 2020, 68, 103917.	3.4	91
12	In Vitro Wound Healing Potential of Stem Extract of <i>Alternanthera sessilis</i> . <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-13.	1.2	78
13	Allicin Alleviates Dextran Sodium Sulfate- (DSS-) Induced Ulcerative Colitis in BALB/c Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-13.	4.0	73
14	Dietary cocoa protects against colitis-associated cancer by activating the Nrf2/Keap1 pathway. <i>BioFactors</i> , 2015, 41, 1-14.	5.4	69
15	Germinated brown rice regulates hepatic cholesterol metabolism and cardiovascular disease risk in hypercholesterolaemic rats. <i>Journal of Functional Foods</i> , 2014, 8, 193-203.	3.4	68
16	Therapeutic Properties of Stingless Bee Honey in Comparison with European Bee Honey. <i>Advances in Pharmacological Sciences</i> , 2018, 2018, 1-12.	3.7	66
17	Suppression of Proinflammatory Cytokines and Mediators in LPS-Induced RAW 264.7 Macrophages by Stem Extract of <i>Alternanthera sessilis</i> via the Inhibition of the NF- κ B Pathway. <i>Journal of Immunology Research</i> , 2018, 2018, 1-12.	2.2	66
18	Antioxidant activity of white rice, brown rice and germinated brown rice (in vivo and in vitro) and the effects on lipid peroxidation and liver enzymes in hyperlipidaemic rabbits. <i>Food Chemistry</i> , 2013, 141, 1306-1312.	8.2	65

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19	Probiotic Properties of Bacillus Strains Isolated from Stingless Bee (<i>Heterotrigona itama</i>) Honey Collected across Malaysia. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 278.	2.6	58
20	Dietary cocoa inhibits colitis associated cancer: a crucial involvement of the IL-6/STAT3 pathway. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 1547-1558.	4.2	52
21	Anti-Inflammatory Potential of Ethyl Acetate Fraction of <i>Moringa oleifera</i> in Downregulating the NF- κ B Signaling Pathway in Lipopolysaccharide-Stimulated Macrophages. <i>Molecules</i> , 2016, 21, 1452.	3.8	50
22	Scientific Evidence of Rice By-Products for Cancer Prevention: Chemopreventive Properties of Waste Products from Rice Milling on Carcinogenesis <i>In Vitro</i> and <i>In Vivo</i> . <i>BioMed Research International</i> , 2017, 2017, 1-18.	1.9	47
23	Signal Transducer and Activator of Transcription 3 - A Promising Target in Colitis-Associated Cancer. <i>Asian Pacific Journal of Cancer Prevention</i> , 2014, 15, 551-560.	1.2	43
24	Identification of phenolic compounds in polyphenols-rich extract of Malaysian cocoa powder using the HPLC-UV-ESI-MS/MS and probing their antioxidant properties. <i>Journal of Food Science and Technology</i> , 2015, 52, 2103-2111.	2.8	42
25	Preventive Inositol Hexaphosphate Extracted from Rice Bran Inhibits Colorectal Cancer through Involvement of Wnt/ β -Catenin and COX-2 Pathways. <i>BioMed Research International</i> , 2013, 2013, 1-10.	1.9	40
26	The Effectiveness of Rambutan (<i>Nephelium lappaceum</i> L.) Extract in Stabilization of Sunflower Oil under Accelerated Conditions. <i>Antioxidants</i> , 2014, 3, 371-386.	5.1	39
27	Boldine suppresses dextran sulfate sodium-induced mouse experimental colitis: NF- κ B and IL-6/STAT3 as potential targets. <i>BioFactors</i> , 2016, 42, 247-258.	5.4	37
28	Flower extract of <i>Allium atrovioleaceum</i> triggered apoptosis, activated caspase-3 and down-regulated antiapoptotic Bcl-2 gene in HeLa cancer cell line. <i>Biomedicine and Pharmacotherapy</i> , 2017, 89, 1216-1226.	5.6	36
29	Improving the Lipid Profile in Hypercholesterolemia-Induced Rabbit by Supplementation of Germinated Brown Rice. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 7985-7991.	5.2	35
30	Water extract of brewers' rice induces apoptosis in human colorectal cancer cells via activation of caspase-3 and caspase-8 and downregulates the Wnt/ β -catenin downstream signaling pathway in brewers' rice-treated rats with azoxymethane-induced colon carcinogenesis. <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 205.	3.7	35
31	Suppression of β -catenin and Cyclooxygenase-2 Expression and Cell Proliferation in Azoxymethane-Induced Colonic Cancer in Rats by Rice Bran Phytic Acid (PA). <i>Asian Pacific Journal of Cancer Prevention</i> , 2013, 14, 3093-3099.	1.2	33
32	Brewers' rice modulates oxidative stress in azoxymethane-mediated colon carcinogenesis in rats. <i>World Journal of Gastroenterology</i> , 2015, 21, 8826.	3.3	28
33	Heat assisted extraction of phenolic compounds from <i>Eleutherine bulbosa</i> (Mill.) bulb and its bioactive profiles using response surface methodology. <i>Industrial Crops and Products</i> , 2020, 144, 112064.	5.2	28
34	By-products of Rice Processing: An Overview of Health Benefits and Applications. <i>Rice Research Open Access</i> , 2016, 4, .	0.4	28
35	Dietary Non-nutritive Factors in Targeting of Regulatory Molecules in Colorectal Cancer: An Update. <i>Asian Pacific Journal of Cancer Prevention</i> , 2013, 14, 5543-5552.	1.2	28
36	Designing of the Anticancer Nanocomposite with Sustained Release Properties by Using Graphene Oxide Nanocarrier with Phenethyl Isothiocyanate as Anticancer Agent. <i>Pharmaceutics</i> , 2018, 10, 109.	4.5	26

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37	Oxidative Stress, Diet and Prostate Cancer. <i>World Journal of Men's Health</i> , 2021, 39, 195.	3.3	26
38	Pro-Apoptotic Effect of Rice Bran Inositol Hexaphosphate (IP6) on HT-29 Colorectal Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2013, 14, 23545-23558.	4.1	25
39	<i>Eleutherine bulbosa</i> (Mill.) Urb. Bulb: Review of the Pharmacological Activities and Its Prospects for Application. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6747.	4.1	24
40	Transcriptomics expression analysis to unveil the molecular mechanisms underlying the cocoa polyphenol treatment in diet-induced obesity rats. <i>Genomics</i> , 2015, 105, 23-30.	2.9	22
41	Induction of Endoplasmic Reticulum Stress Pathway by Green Tea Epigallocatechin-3-Gallate (EGCG) in Colorectal Cancer Cells: Activation of PERK/p-eIF2 β /ATF4 and IRE1 α . <i>BioMed Research International</i> , 2019, 2019, 1-9.	1.9	22
42	<i>Manilkara zapota</i> (L.) P. Royen leaf water extract triggered apoptosis and activated caspase-dependent pathway in HT-29 human colorectal cancer cell line. <i>Biomedicine and Pharmacotherapy</i> , 2019, 110, 748-757.	5.6	22
43	Cytotoxicity and Proapoptotic Effects of <i>Allium atroviolaceum</i> Flower Extract by Modulating Cell Cycle Arrest and Caspase-Dependent and p53-Independent Pathway in Breast Cancer Cell Lines. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-16.	1.2	20
44	In Vitro Inhibitory Activity of Selected Legumes Against Pancreatic Lipase. <i>Journal of Food Biochemistry</i> , 2015, 39, 485-490.	2.9	19
45	Inositol-6 phosphate inhibits the mTOR pathway and induces autophagy-mediated death in HT-29 colon cancer cells. <i>Archives of Medical Science</i> , 2018, 14, 1281-1288.	0.9	19
46	Pharmacological insights into antioxidants against colorectal cancer: A detailed review of the possible mechanisms. <i>Biomedicine and Pharmacotherapy</i> , 2018, 107, 1514-1522.	5.6	19
47	Brewers' rice induces apoptosis in azoxymethane-induced colon carcinogenesis in rats via suppression of cell proliferation and the Wnt signaling pathway. <i>BMC Complementary and Alternative Medicine</i> , 2014, 14, 304.	3.7	16
48	An Intrinsic Mitochondrial Pathway Is Required for Phytic Acid-Chitosan-Iron Oxide Nanocomposite (Phy-CS-MNP) to Induce G0/G1 Cell Cycle Arrest and Apoptosis in the Human Colorectal Cancer (HT-29) Cell Line. <i>Pharmaceutics</i> , 2018, 10, 198.	4.5	14
49	ROS-Mediated Mitochondrial Pathway is Required for <i>Manilkara Zapota</i> (L.) P. Royen Leaf Methanol Extract Inducing Apoptosis in the Modulation of Caspase Activation and EGFR/NF- κ B Activities of HeLa Human Cervical Cancer Cells. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-19.	1.2	14
50	Iron Chelation Properties of Green Tea Epigallocatechin-3-Gallate (EGCG) in Colorectal Cancer Cells: Analysis of Tfr/Fth Regulations and Molecular Docking. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-8.	1.2	14
51	Molecular docking analysis of phytic acid and 4-hydroxyisoleucine as cyclooxygenase-2, microsomal prostaglandin E synthase-2, tyrosinase, human neutrophil elastase, matrix metalloproteinase-2 and -9, xanthine oxidase, squalene synthase, nitric oxide synthase, human aldose reductase, and lipoxygenase inhibitors. <i>Pharmacognosy Magazine</i> , 2017, 13, 512.	0.6	14
52	The inhibitory activity of cocoa phenolic extract against pro-inflammatory mediators secretion induced by lipopolysaccharide in RAW 264.7 cells. <i>SpringerPlus</i> , 2016, 5, 547.	1.2	13
53	Perinatal exposure to germinated brown rice and its gamma amino-butyric acid-rich extract prevents high fat diet-induced insulin resistance in first generation rat offspring. <i>Food and Nutrition Research</i> , 2016, 60, 30209.	2.6	12
54	Cocoa polyphenols treatment ameliorates visceral obesity by reduction lipogenesis and promoting fatty acid oxidation genes in obese rats through interfering with AMPK pathway. <i>European Journal of Lipid Science and Technology</i> , 2016, 118, 564-575.	1.5	12

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55	Defatted Kenaf (<i>Hibiscus cannabinus</i> L.) Seed Meal and Its Phenolic-Saponin-Rich Extract Protect Hypercholesterolemic Rats against Oxidative Stress and Systemic Inflammation via Transcriptional Modulation of Hepatic Antioxidant Genes. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-11.	4.0	11
56	The Acute Effects of Oral Administration of Phytic Acid-Chitosan-Magnetic Iron Oxide Nanoparticles in Mice. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4114.	4.1	10
57	Dietary supplementation of defatted kenaf (<i>Hibiscus cannabinus</i> L.) seed meal and its phenolics-saponins rich extract effectively attenuates diet-induced hypercholesterolemia in rats. <i>Food and Function</i> , 2018, 9, 925-936.	4.6	9
58	Limonin modulated immune and inflammatory responses to suppress colorectal adenocarcinoma in mice model. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2021, 394, 1907-1915.	3.0	9
59	In utero exposure to germinated brown rice and its oryzanol-rich extract attenuated high fat diet-induced insulin resistance in F1 generation of rats. <i>BMC Complementary and Alternative Medicine</i> , 2017, 17, 67.	3.7	7
60	<i>Mikania micrantha</i> Extract Inhibits HMG-CoA Reductase and ACAT2 and Ameliorates Hypercholesterolemia and Lipid Peroxidation in High Cholesterol-Fed Rats. <i>Nutrients</i> , 2020, 12, 3077.	4.1	7
61	Brewers' Rice: A By-Product from Rice Processing Provides Natural Hepatorenal Protection in Azoxymethane-Induced Oxidative Stress in Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-10.	4.0	6
62	Interesterified Palm Olein (IEPalm) and Interesterified Stearic Acid-Rich Fat Blend (IEStear) Have No Adverse Effects on Insulin Resistance: A Randomized Control Trial. <i>Nutrients</i> , 2018, 10, 1112.	4.1	6
63	Caffeic Acid Phenethyl Ester Attenuates Dextran Sulfate Sodium-Induced Ulcerative Colitis Through Modulation of NF- κ B and Cell Adhesion Molecules. <i>Applied Biochemistry and Biotechnology</i> , 2022, 194, 1091-1104.	2.9	5
64	<i>Manilkara zapota</i> (L.) P. Royen Leaf Water Extract Induces Apoptosis in Human Hepatocellular Carcinoma (HepG2) Cells via ERK1/2/Akt1/JNK1 Signaling Pathways. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-17.	1.2	4
65	Brewers' rice attenuated aberrant crypt foci developing in colon of azoxymethane-treated rats. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2016, 29, 205-12.	0.2	4
66	Herbal Medicine for Prevention and Therapy in Breast Cancer. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-4.	1.2	3
67	Induction of apoptosis by <i>Eleutherine bulbosa</i> (Mill.) Urb. bulb extracted under optimised extraction condition on human retinoblastoma cancer cells (WERI-Rb-1). <i>Journal of Ethnopharmacology</i> , 2022, 284, 114770.	4.1	3
68	Mini Review: Wound healing potential of edible plants. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2019, 32, 703-707.	0.2	3
69	Evaluation of nutritional quality of complementary foods formulated from blends of Nigerian yellow maize (<i>Zea mays</i>), soybean (<i>Glycine max</i>) and crayfish (<i>Procambarus clarkii</i>). <i>Journal of the Science of Food and Agriculture</i> , 2022, 102, 6961-6973.	3.5	2
70	Health promoting properties of protein hydrolysates produced from oil palm (<i>Elaeis guineensis</i>) kernel. <i>Food Science and Biotechnology</i> , 2014, 23, 1279-1285.	2.6	1
71	Chronic Inflammation and Aging (Inflammaging). , 2021, , 39-50.		1
72	Corrigendum to "Cytotoxicity and Proapoptotic Effects of <i>Allium atroviolaceum</i> Flower Extract by Modulating Cell Cycle Arrest and Caspase-Dependent and p53-Independent Pathway in Breast Cancer Cell Lines". <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-2.	1.2	0

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73	Production of Rice By-products. , 2020, , 13-39.		0
74	Potential Health Benefits of Rice By-products. , 2020, , 69-102.		0
75	Summary and Future Prospects. , 2021, , 277-279.		0