

# Medicinal properties of mangosteen (*Garcinia mangostana*)

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Cranberries for preventing urinary tract infections. , 2008, , CD001321.		168
2	The natural xanthone $\hat{\pm}$ -mangostin reduces oxidative damage in rat brain tissue. Nutritional Neuroscience, 2009, 12, 35-42.	1.5	55
3	ROS scavenging capacity and neuroprotective effect of $\hat{\pm}$ -mangostin against 3-nitropropionic acid in cerebellar granule neurons. Experimental and Toxicologic Pathology, 2009, 61, 491-501.	2.1	109
4	Physiology and Genetics. , 2009, , .		4
5	Renoprotection by $\hat{\pm}$ -mangostin is related to the attenuation in renal oxidative/nitrosative stress induced by cisplatin nephrotoxicity. Free Radical Research, 2009, 43, 1122-1132.	1.5	75
6	Endophytic Fungi, Occurrence and Metabolites. , 2009, , 153-195.		13
7	New medicinal properties of mangostins: Analgesic activity and pharmacological characterization of active ingredients from the fruit hull of <i>Garcinia mangostana</i> L.. Pharmacology Biochemistry and Behavior, 2010, 95, 166-172.	1.3	93
8	The $\hat{\pm}$ -mangostin prevention on cisplatin-induced apoptotic death in LLC-PK1 cells is associated to an inhibition of ROS production and p53 induction. Chemico-Biological Interactions, 2010, 188, 144-150.	1.7	48
9	The traditional antidiarrheal remedy, <i>Garcinia buchananii</i> stem bark extract, inhibits propulsive motility and fast synaptic potentials in the guinea pig distal colon. Neurogastroenterology and Motility, 2010, 22, 1332-1339.	1.6	29
11	Activity of Mangosteen Xanthones and Teleocidin A-2 in Death Receptor Expression Enhancement and Tumor Necrosis Factor Related Apoptosis-Inducing Ligand Assays. Journal of Natural Products, 2010, 73, 452-455.	1.5	18
12	CAN-Mediated Oxidations for the Synthesis of Xanthones and Related Products. Journal of Organic Chemistry, 2010, 75, 8701-8704.	1.7	24
13	Protective Effect of Mangosteen Extract against $\hat{2}$ -Amyloid-Induced Cytotoxicity, Oxidative Stress and Altered Proteome in SK-N-SH Cells. Journal of Proteome Research, 2010, 9, 2076-2086.	1.8	37
14	Effects of $\hat{\pm}$ -mangostin on mitochondrial energetic metabolism. Mitochondrion, 2010, 10, 151-157.	1.6	30
15	Anti-Acne-Inducing Bacterial Activity of Mangosteen Fruit Rind Extracts. Medical Principles and Practice, 2010, 19, 281-286.	1.1	25
16	Free Radical Scavenger Properties of $\hat{\pm}$ -Mangostin: Thermodynamics and Kinetics of HAT and RAF Mechanisms. Journal of Physical Chemistry B, 2011, 115, 12591-12598.	1.2	88
17	Protective Effect of $\hat{\pm}$ -Mangostin on Cardiac Reperfusion Damage by Attenuation of Oxidative Stress. Journal of Medicinal Food, 2011, 14, 1370-1374.	0.8	38
18	Comparative Effect of <i>Lactobacillus casei</i> and a Commercial Mangosteen Dietary Supplement on Body Weight Gain and Antibody Response to Newcastle Disease Virus Vaccine in Fighting Roosters. Journal of Medicinal Food, 2011, 14, 828-833.	0.8	2
19	Antioxidant properties and bioactive constituents of some rare exotic Thai fruits and comparison with conventional fruits. Food Research International, 2011, 44, 2222-2232.	2.9	98

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20	Cytotoxic effect of xanthenes from pericarp of the tropical fruit mangosteen ( <i>Garcinia mangostana</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.8	59
21	Î³-Mangostin increases serotonin2A/2C, muscarinic, histamine and bradykinin receptor mRNA expression. <i>Journal of Ethnopharmacology</i> , 2011, 135, 450-454.	2.0	15
22	Doxorubicin-induced central nervous system toxicity and protection by xanthone derivative of <i>Garcinia Mangostana</i> . <i>Neuroscience</i> , 2011, 175, 292-299.	1.1	80
23	Antiviral effects of blackberry extract against herpes simplex virus type 1. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2011, 112, e31-e35.	1.6	44
24	On the preparation and characterization of activated carbon from mangosteen shell. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2011, 42, 837-842.	2.7	88
25	Two New Xanthenes from <i>Calophyllum nodosum</i> (Guttiferae). <i>Molecules</i> , 2011, 16, 8973-8980.	1.7	5
26	Xanthenes from Mangosteen Extracts as Natural Chemopreventive Agents: Potential Anticancer Drugs. <i>Current Molecular Medicine</i> , 2011, 11, 666-677.	0.6	172
27	The classical drug discovery approach to defining bioactive constituents of botanicals. <i>FÃ-toterapÃ-Ãç</i> , 2011, 82, 71-79.	1.1	38
28	Extraction of antioxidant pectic-polysaccharide from mangosteen ( <i>Garcinia mangostana</i> ) rind: Optimization using response surface methodology. <i>Carbohydrate Polymers</i> , 2011, 83, 600-607.	5.1	89
29	Protein-binding and antioxidant potential of phenolics of mangosteen fruit ( <i>Garcinia mangostana</i> ). <i>Food Chemistry</i> , 2011, 128, 292-298.	4.2	51
30	Structural diversity and antioxidant activity of condensed tannins fractionated from mangosteen pericarp. <i>Food Chemistry</i> , 2011, 129, 1710-1720.	4.2	80
31	Xanthenes enriched extracts from mangosteen pericarp obtained by supercritical carbon dioxide process. <i>Separation and Purification Technology</i> , 2011, 80, 172-178.	3.9	28
32	Alpha-mangostin induces changes in glutathione levels associated with glutathione peroxidase activity in rat brain synaptosomes. <i>Nutritional Neuroscience</i> , 2012, 15, 13-19.	1.5	25
33	Neuroprotective effect of Î±-mangostin and curcumin against iodoacetate-induced cell death. <i>Nutritional Neuroscience</i> , 2012, 15, 34-41.	1.5	53
34	Quantification of Î±-, Î²- and Î³-mangostin in <i>Garcinia mangostana</i> fruit rind extracts by a reverse phase high performance liquid chromatography. <i>Journal of Medicinal Plants Research</i> , 2012, 6, .	0.2	7
35	Herbal Natural Products As a Source of Monoamine Oxidase Inhibitors: A Review. <i>Current Topics in Medicinal Chemistry</i> , 2012, 12, 2131-2144.	1.0	50
36	Single Dose Oral Pharmacokinetic Profile of Î±-Mangostin in Mice. <i>Current Drug Targets</i> , 2012, 13, 1698-1704.	1.0	35
38	Development and Validation of Analytical Method by RP-HPLC for Quantification of Alpha-Mangostin Encapsulated in PLGA Microspheres. <i>Journal of Analytical &amp; Bioanalytical Techniques</i> , 2012, 03, .	0.6	2

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39	Inhibition of Human Aldose Reductase-Like Protein (AKR1B10) by Î±- and Î³-Mangostins, Major Components of Pericarps of Mangosteen. <i>Biological and Pharmaceutical Bulletin</i> , 2012, 35, 2075-2080.	0.6	15
40	Î±-Mangostin, a xanthone from mangosteen fruit, promotes cell cycle arrest in prostate cancer and decreases xenograft tumor growth. <i>Carcinogenesis</i> , 2012, 33, 413-419.	1.3	121
41	Apoptosis, antimicrobial and antioxidant activities of phytochemicals from <i>Garcinia malaccensis</i> Hk.f. <i>Asian Pacific Journal of Tropical Medicine</i> , 2012, 5, 136-141.	0.4	36
42	5-HT <sub>3</sub> and 5-HT <sub>4</sub> receptors contribute to the anti-motility effects of <i>Garcinia buchananii</i> bark extract in the guinea pig distal colon. <i>Neurogastroenterology and Motility</i> , 2012, 24, e27-40.	1.6	16
43	Somatic embryogenesis of mangosteen. <i>Plant Cell, Tissue and Organ Culture</i> , 2012, 110, 251-259.	1.2	13
44	High-performance liquid chromatography method for the determination of xanthone in rat & its application in pharmacokinetic studies. , 2012, , .		0
45	Î±-Mangostin, a polyphenolic xanthone derivative from mangosteen, attenuates Î²-amyloid oligomers-induced neurotoxicity by inhibiting amyloid aggregation. <i>Neuropharmacology</i> , 2012, 62, 871-881.	2.0	104
46	<i>Garcinia buchananii</i> bark extract is an effective anti-diarrheal remedy for lactose-induced diarrhea. <i>Journal of Ethnopharmacology</i> , 2012, 142, 539-547.	2.0	21
47	Hydroxyxanthone as an inhibitor of cAMP-activated apical chloride channel in human intestinal epithelial cell. <i>Life Sciences</i> , 2012, 90, 988-994.	2.0	9
48	Anti-skin cancer properties of phenolic-rich extract from the pericarp of mangosteen ( <i>Garcinia</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 1.85 45		
50	Anthelmintic properties of mangostin and mangostin diacetate. <i>Parasitology International</i> , 2012, 61, 369-371.	0.6	22
51	<i>Garcinia mangostana</i> . , 2012, , 83-108.		4
52	Extraction of Total Phenolic Content from <i>Garcinia mangostana</i> Linn. hull. I. Effects of Solvents and UV-Vis Spectrophotometer Absorbance Method. <i>Food and Bioprocess Technology</i> , 2012, 5, 2928-2933.	2.6	37
53	Fruit Pod Extracts as a Source of Nutraceuticals and Pharmaceuticals. <i>Molecules</i> , 2012, 17, 11931-11946.	1.7	50
54	New ðœhyphenatedðœ-CPC-HPLC-DAD-MS strategy for simultaneous isolation, analysis and identification of phytochemicals: application to xanthones from <i>Garcinia mangostana</i> . <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 2963-2972.	1.9	16
55	Î±-Mangostin Induces Apoptosis and Suppresses Differentiation of 3T3-L1 Cells via Inhibiting Fatty Acid Synthase. <i>PLoS ONE</i> , 2012, 7, e33376.	1.1	58
56	Optimisation of ethanol modified supercritical carbon dioxide on the extract yield and antioxidant activity from <i>Garcinia mangostana</i> L.. <i>Food Chemistry</i> , 2012, 130, 203-208.	4.2	46
57	Major Australian tropical fruits biodiversity: Bioactive compounds and their bioactivities. <i>Molecular Nutrition and Food Research</i> , 2012, 56, 357-387.	1.5	36

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58	Xanthones as antioxidants: A theoretical study on the thermodynamics and kinetics of the single electron transfer mechanism. <i>Food and Function</i> , 2012, 3, 442.	2.1	37
59	Optimization of Supercritical Carbon Dioxide Extraction of Xanthones from Mangosteen Pericarp by Response Surface Methodology. <i>Food and Bioprocess Technology</i> , 2012, 5, 1181-1188.	2.6	29
60	Factors affecting the carbon yield and adsorption capability of the mangosteen peel activated carbon prepared by microwave assisted K <sub>2</sub> CO <sub>3</sub> activation. <i>Chemical Engineering Journal</i> , 2012, 180, 66-74.	6.6	162
61	Mangosteen xanthones, $\hat{\alpha}$ - and $\hat{\beta}$ -mangostins, inhibit allergic mediators in bone marrow-derived mast cell. <i>Food Chemistry</i> , 2012, 134, 397-400.	4.2	36
62	Characterisation and quantification of xanthones from the aril and pericarp of mangosteens ( <i>Garcinia mangostana</i> L.) and a mangosteen containing functional beverage by HPLC-MS. <i>Food Chemistry</i> , 2012, 134, 445-452.	4.2	61
63	Cytostatic effect of xanthone-loaded mPEG-b-p(HPMAm-Lac2) micelles towards doxorubicin sensitive and resistant cancer cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 94, 266-273.	2.5	26
64	Characterization, photophysical and DFT calculation study on 2-(2,4-difluorophenyl)-1-(4-methoxyphenyl)-1H-imidazo[4,5-f][1,10]phenanthroline ligand. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 95, 614-621.	2.0	24
65	Benzophenone synthase from <i>Garcinia mangostana</i> L. pericarps. <i>Phytochemistry</i> , 2012, 77, 60-69.	1.4	30
66	In vivo toxicity and antitumor activity of mangosteen extract. <i>Journal of Natural Medicines</i> , 2013, 67, 255-263.	1.1	47
67	A study on dispersion and characterisation of $\hat{\alpha}$ -mangostin loaded pH sensitive microgel systems. <i>Chemistry Central Journal</i> , 2013, 7, 85.	2.6	23
68	Bioactive Dietary Factors and Plant Extracts in Dermatology. , 2013, , .		10
69	Antidiabetic effect of $\hat{\alpha}$ -mangostin and its protective role in sexual dysfunction of streptozotocin induced diabetic male rats. <i>Systems Biology in Reproductive Medicine</i> , 2013, 59, 319-328.	1.0	59
70	$\hat{\alpha}$ -Mangostin: Anti-Inflammatory Activity and Metabolism by Human Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 3891-3900.	2.4	85
71	Mangosteen ( <i>Garcinia mangostana</i> Linn.): Role in Prevention of Skin Disorders. , 2013, , 451-457.		3
72	Designer Xanthone: An Inhibitor Scaffold for MDR-Involved Human Glutathione Transferase Isoenzyme A1-1. <i>Journal of Biomolecular Screening</i> , 2013, 18, 1092-1102.	2.6	8
73	Xanthione: A new and effective corrosion inhibitor for mild steel in sulphuric acid solution. <i>Arabian Journal of Chemistry</i> , 2013, 6, 211-223.	2.3	72
74	Alpha-mangostin suppresses MMP-2 and MMP-9 expression in head and neck squamous carcinoma cells. <i>Odontology / the Society of the Nippon Dental University</i> , 2013, 101, 227-232.	0.9	19
75	The Effect of Gartanin, a Naturally Occurring Xanthone in Mangosteen Juice, on the mTOR Pathway, Autophagy, Apoptosis, and the Growth of Human Urinary Bladder Cancer Cell Lines. <i>Nutrition and Cancer</i> , 2013, 65, 68-77.	0.9	41

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76	Investigation of Biological Activities of Dichloromethane and Ethyl Acetate Fractions of <i>Alstonia insignis</i> Mart. Seed. Basic and Clinical Pharmacology and Toxicology, 2013, 112, 34-41.	1.2	22
77	Anti-arthritis effect of mangostins from <i>G. Mangostana</i> . Biomedicine and Preventive Nutrition, 2013, 3, 227-232.	0.9	10
78	±-Mangostin and Gambogic Acid as Potential Inhibitors of the p53-MDM2 Interaction Revealed by a Yeast Approach. Journal of Natural Products, 2013, 76, 774-778.	1.5	36
79	Electrospun chitosan-based nanofiber mats loaded with <i>Garcinia mangostana</i> extracts. International Journal of Pharmaceutics, 2013, 452, 333-343.	2.6	129
81	Rapid bactericidal action of alpha-mangostin against MRSA as an outcome of membrane targeting. Biochimica Et Biophysica Acta - Biomembranes, 2013, 1828, 834-844.	1.4	147
82	An Effective Antibiofilm Agent Against <i>Pseudomonas aeruginosa</i> Biofilm from Traditional Thai Herbal Recipes Used for Wound Treatments. Microbial Drug Resistance, 2013, 19, 337-343.	0.9	10
83	Pharmacokinetic Properties of Pure Xanthenes in Comparison to a Mangosteen Fruit Extract in Rats. Planta Medica, 2013, 79, 646-653.	0.7	34
84	Targeting Truncated Retinoid X Receptor-± by CF31 Induces TNF-±-Dependent Apoptosis. Cancer Research, 2013, 73, 307-318.	0.4	33
85	Altered mRNA Expression Related to the Apoptotic Effect of Three Xanthenes on Human Melanoma SK-MEL-28 Cell Line. BioMed Research International, 2013, 2013, 1-10.	0.9	13
86	Deutscher Lebensmittelchemikertag 2012 in Münster. Lebensmittelchemie, 2013, 67, 108-111.	0.0	1
87	Extraction of Xanthenes from the Pericarps of <i>Garcinia mangostana</i> Linn. with Supercritical Carbon Dioxide and Ethanol. Solvent Extraction Research and Development, 2013, 20, 79-89.	0.5	6
88	Antioxidant properties of xanthenes from <i>Calophyllum brasiliense</i> : prevention of oxidative damage induced by FeSO <sub>4</sub> . BMC Complementary and Alternative Medicine, 2013, 13, 262.	3.7	21
89	Phytochemical, Antimicrobial and Antiprotozoal Evaluation of <i>Garcinia Mangostana</i> Pericarp and ±-Mangostin, Its Major Xanthone Derivative. Molecules, 2013, 18, 10599-10608.	1.7	61
90	Biflavonoids, Main Constituents from <i>Garcinia Bakeriana</i> Leaves. Natural Product Communications, 2013, 8, 1934578X1300800.	0.2	10
91	Isogarcinol Is a New Immunosuppressant. PLoS ONE, 2013, 8, e66503.	1.1	23
92	Protective Effects of Mangosteen Extract on H <sub>2</sub> O <sub>2</sub> -Induced Cytotoxicity in SK-N-SH Cells and Scopolamine-Induced Memory Impairment in Mice. PLoS ONE, 2013, 8, e85053.	1.1	39
93	Selective Modulation of Endoplasmic Reticulum Stress Markers in Prostate Cancer Cells by a Standardized Mangosteen Fruit Extract. PLoS ONE, 2013, 8, e81572.	1.1	23
94	Biological Activities and Bioavailability of Mangosteen Xanthenes: A Critical Review of the Current Evidence. Nutrients, 2013, 5, 3163-3183.	1.7	186

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95	Naturally Occurring Xanthenes: Chemistry and Biology. Hindawi Journal of Chemistry, 2013, 2013, 1-9.	1.6	125
96	Immunomodulatory Activities of $\hat{\alpha}$ -Mangostin on Peripheral Blood Mononuclear Cells. Natural Product Communications, 2013, 8, 1934578X1300800.	0.2	7
97	$\hat{\alpha}$ -Mangostin from <i>Cratoxylum arborescens</i> demonstrates apoptogenesis in MCF-7 with regulation of NF- $\hat{\kappa}$ B and Hsp70 protein modulation in vitro, and tumor reduction in vivo. Drug Design, Development and Therapy, 2014, 8, 1629.	2.0	23
98	Vasa vasorum anti-angiogenesis through H <sub>2</sub> O <sub>2</sub> , HIF-1 $\hat{\alpha}$ , NF- $\hat{\kappa}$ B, and iNOS inhibition by mangosteen pericarp ethanolic extract ( <i>Garcinia mangostana</i> Linn) in hypercholesterol-diet-given Rattus norvegicus Wistar strain. Vascular Health and Risk Management, 2014, 10, 523.	1.0	26
99	Anti-Inflammatory Activity of Fruit Fractions in Vitro, Mediated through Toll-Like Receptor 4 and 2 in the Context of Inflammatory Bowel Disease. Nutrients, 2014, 6, 5265-5279.	1.7	19
100	Cellular trafficking and anticancer activity of <i>Garcinia mangostana</i> extract-encapsulated polymeric nanoparticles. International Journal of Nanomedicine, 2014, 9, 3677.	3.3	13
101	8-Hydroxycudraxanthone G Suppresses IL-8 Production in SP-C1 Tongue Cancer Cells. Natural Product Communications, 2014, 9, 1934578X1400900.	0.2	0
102	Efficient enzymatic systems for synthesis of novel $\hat{\alpha}$ -mangostin glycosides exhibiting antibacterial activity against Gram-positive bacteria. Applied Microbiology and Biotechnology, 2014, 98, 8527-8538.	1.7	24
103	Antioxidant Properties of <i>Garcinia Mangostana</i> L (Mangosteen) Rind. Procedia Chemistry, 2014, 13, 198-203.	0.7	44
104	In Vitro Antiplasmodial Activity of Benzophenones and Xanthenes from Edible Fruits of <i>Garcinia</i> Species. Planta Medica, 2014, 80, 676-681.	0.7	28
105	$\hat{\alpha}$ -Mangostin Suppresses the Viability and Epithelial-Mesenchymal Transition of Pancreatic Cancer Cells by Downregulating the PI3K/Akt Pathway. BioMed Research International, 2014, 2014, 1-12.	0.9	72
106	Proteomics analysis of antimalarial targets of <i>Garcinia mangostana</i> Linn.. Asian Pacific Journal of Tropical Biomedicine, 2014, 4, 515-519.	0.5	2
107	Comparison of the biological activity of two different isolates from mangosteen. Journal of Pharmacy and Pharmacology, 2014, 66, 1171-1179.	1.2	22
108	Alpha-mangostin promotes myoblast differentiation by modulating the gene-expression profile in C2C12 cells. Bioscience, Biotechnology and Biochemistry, 2014, 78, 1923-1929.	0.6	3
109	Dietary $\hat{\alpha}$ -mangostin, a xanthone from mangosteen fruit, exacerbates experimental colitis and promotes dysbiosis in mice. Molecular Nutrition and Food Research, 2014, 58, 1226-1238.	1.5	37
110	<i>Trifolium pratense</i> L. as a Potential Natural Antioxidant. Molecules, 2014, 19, 713-725.	1.7	50
111	A Review on Malaysian Plants Used for Screening of Antimicrobial Activity. Annual Research & Review in Biology, 2014, 4, 2088-2132.	0.4	13
112	Involvement of NF- $\hat{\kappa}$ B and HSP70 signaling pathways in the apoptosis of MDA-MB-231 cells induced by a prenylated xanthone compound, $\hat{\alpha}$ -mangostin, from <i>Cratoxylum arborescens</i> . Drug Design, Development and Therapy, 2014, 8, 2193.	2.0	18



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113	Hydrotropic Extraction of Xanthenes from Mangosteen Pericarp. <i>Advanced Materials Research</i> , 2014, 984-985, 372-376.	0.3	6
114	Neuroprotective effects of xanthone derivative of <i>Garcinia mangostana</i> against lead-induced acetylcholinesterase dysfunction and cognitive impairment. <i>Food and Chemical Toxicology</i> , 2014, 70, 151-156.	1.8	48
115	Comparison of the skin penetration of <i>Garcinia mangostana</i> extract in particulate and non-particulate form. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 86, 307-313.	2.0	18
116	Biotransformation of $\hat{\pm}$ -mangostin by <i>Colletotrichum</i> sp. MT02 and <i>Phomopsis euphorbiae</i> K12. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2014, 102, 174-179.	1.8	10
117	Antiproliferative activities of <i>Garcinia bracteata</i> extract and its active ingredient, isobractatin, against human tumor cell lines. <i>Archives of Pharmacal Research</i> , 2014, 37, 412-420.	2.7	14
118	In vitro antioxidant properties of mangosteen peel extract. <i>Journal of Food Science and Technology</i> , 2014, 51, 3546-3558.	1.4	119
119	Synthesis, characterization and corrosion inhibition efficiency of 2-(6-methylpyridin-2-yl)-1H-imidazo[4,5-f][1,10] phenanthroline on mild steel in sulphuric acid. <i>Arabian Journal of Chemistry</i> , 2014, 7, 197-207.	2.3	40
120	Synthesis of xanthone derivatives based on $\hat{\pm}$ -mangostin and their biological evaluation for anti-cancer agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 2062-2065.	1.0	45
121	Combating <i>Helicobacter pylori</i> infections with mucoadhesive nanoparticles loaded with <i>Garcinia mangostana</i> extract. <i>Nanomedicine</i> , 2014, 9, 457-468.	1.7	19
122	Biotransformation of Waste Biomass into High Value Biochemicals. , 2014, , .		50
123	Effect of functionalized magnetite nanoparticles and diaminoxanthone on the curing, thermal degradation kinetic and corrosion property of diglycidyl ether of bisphenol A-based epoxy resin. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2014, 32, 1489-1499.	2.0	18
124	Chemical Composition, Toxicity and Antibacterial activity of the Essential Oils of <i>Garcinia mangostana</i> from Nigeria. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2014, 17, 78-86.	0.7	9
125	Immune Regulation and Anti-inflammatory Effects of Isogarcinol Extracted from <i>Garcinia mangostana</i> L. against Collagen-Induced Arthritis. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 4127-4134.	2.4	33
126	Prenylated xanthenes from mangosteen as promising cholinesterase inhibitors and their molecular docking studies. <i>Phytomedicine</i> , 2014, 21, 1303-1309.	2.3	60
127	Inhibition of CHOP accentuates the apoptotic effect of $\hat{\pm}$ -mangostin from the mangosteen fruit ( <i>Garcinia mangostana</i> ) in 22Rv1 prostate cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2014, 453, 75-80.	1.0	36
128	Rapid Identification of Cholinesterase Inhibitors from the Seedcases of Mangosteen Using an Enzyme Affinity Assay. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 1338-1343.	2.4	18
129	Specific glycosylated metabolites of $\hat{\pm}$ -mangostin by <i>Cunninghamella blakesleana</i> . <i>Phytochemistry Letters</i> , 2014, 9, 175-178.	0.6	8
130	Alpha-mangostin inhibits intracellular fatty acid synthase and induces apoptosis in breast cancer cells. <i>Molecular Cancer</i> , 2014, 13, 138.	7.9	91



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131	Pharmacokinetic characterization of mangosteen ( <i>Garcinia mangostana</i> ) fruit extract standardized to $\hat{\pm}$ -mangostin in C57BL/6 mice. <i>Nutrition Research</i> , 2014, 34, 336-345.	1.3	36
132	$\hat{\pm}$ -Mangostin inhibits hypoxia-driven ROS-induced PSC activation and pancreatic cancer cell invasion. <i>Cancer Letters</i> , 2014, 347, 129-138.	3.2	71
133	$\hat{\pm}$ -Mangostin-induced apoptosis is mediated by estrogen receptor $\hat{\pm}$ in human breast cancer cells. <i>Food and Chemical Toxicology</i> , 2014, 66, 158-165.	1.8	38
134	Hidden Potential of Tropical Fruit Waste Components as a Useful Source of Remedy for Obesity. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 3505-3516.	2.4	15
135	Anti-intestinal protozoan activities of 1-hydroxy-2-hydroxymethylanthraquinone from <i>Coptosapelta flavescens</i> . <i>Asian Pacific Journal of Tropical Disease</i> , 2014, 4, 457-462.	0.5	11
136	Cytotoxic Prenylated Xanthenes from the Pericarps of <i>Garcinia mangostana</i> . <i>Molecules</i> , 2014, 19, 1820-1827.	1.7	42
137	The in vitro antimalarial interaction of 9-hydroxycalabaxanthone and $\hat{\pm}$ -mangostin with mefloquine/artesunate. <i>Acta Parasitologica</i> , 2014, 60, 105-11.	0.4	6
138	Liquid Carbon Dioxide Extraction of Xanthenes from the Pericarps of <i>Garcinia Mangostana</i> Linn. Enhanced by Ultrasonic Irradiation. <i>Solvent Extraction Research and Development</i> , 2015, 22, 187-199.	0.5	2
139	An examination of the antimicrobial and anticancer properties of mangosteen pericarp extracts. <i>Acta Horticulturae</i> , 2015, , 231-238.	0.1	1
140	Production of Antitumor Antibiotic GKK1032B by <i>Penicillium citrinum</i> , an Endophytic Fungus Isolated from <i>Garcinia mangostana</i> Fruits. , 2015, 05, .		1
141	Intestinal Microbial Dysbiosis and Colonic Epithelial Cell Hyperproliferation by Dietary $\hat{\pm}$ -Mangostin is Independent of Mouse Strain. <i>Nutrients</i> , 2015, 7, 764-784.	1.7	19
142	Antibacterial Compounds from Propolis of <i>Tetragonula laeviceps</i> and <i>Tetrigona melanoleuca</i> (Hymenoptera: Apidae) from Thailand. <i>PLoS ONE</i> , 2015, 10, e0126886.	1.1	54
143	Neuroprotective Effects of Alpha-Mangostin on MPP <sup>+</sup> -Induced Apoptotic Cell Death in Neuroblastoma SH-SY5Y Cells. <i>Journal of Toxicology</i> , 2015, 2015, 1-11.	1.4	45
144	Development of Polymeric Nanoparticles of <i>Garcinia mangostana</i> Xanthenes in Eudragit RL100/RS100 for Anti-Colon Cancer Drug Delivery. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-12.	1.5	18
145	Alpha-Mangostin Attenuation of Hyperglycemia-Induced Ocular Hypoperfusion and Blood Retinal Barrier Leakage in the Early Stage of Type 2 Diabetes Rats. <i>BioMed Research International</i> , 2015, 2015, 1-10.	0.9	30
146	Palliative treatment of cancer in resource poor settings: Traditional medicine perspective. <i>Journal of Pharmacognosy and Phytotherapy</i> , 2015, 7, 73-79.	0.2	0
147	Effect of Drying Temperature and Time on Antioxidant and Total Phenolic Content in <i>Garcinia mangostana</i> Pericarp. <i>Advanced Materials Research</i> , 2015, 1113, 279-284.	0.3	3
148	Effects of combined extract of cocoa, coffee, green tea and garcinia on lipid profiles, glycaemic markers and inflammatory responses in hamsters. <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 269.	3.7	11

#	ARTICLE	IF	CITATIONS
150	A Virtual Screening Approach For Identifying Plants with Anti H5N1 Neuraminidase Activity. Journal of Chemical Information and Modeling, 2015, 55, 308-316.	2.5	43
151	Synthesis and membrane-protective activity of novel derivatives of $\hat{\pm}$ -mangostin at the C-4 position. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 826-829.	1.0	30
152	Quantitative analysis of $\hat{\pm}$ -mangostin in hydrophilic ointment using near-infrared spectroscopy. Drug Development and Industrial Pharmacy, 2015, 41, 515-521.	0.9	7
153	Safety and toxicological evaluation of Meratrim <sup>®</sup> : An herbal formulation for weight management. Food and Chemical Toxicology, 2015, 78, 122-129.	1.8	14
154	Antioxidant efficacy of mangosteen ( <i>Garcinia mangostana</i> Linn.) peel extracts in sunflower oil during accelerated storage. Food Bioscience, 2015, 12, 18-25.	2.0	66
155	Selective modulation of MAPKs contribute to the anti-proliferative and anti-inflammatory activities of 1,7-dihydroxy-3,4-dimethoxyxanthone in rheumatoid arthritis-derived fibroblast-like synoviocyte MH7A cells. Journal of Ethnopharmacology, 2015, 168, 248-254.	2.0	34
156	<i>In vivo</i> Antimalarial Activity of $\hat{\pm}$ -Mangostin and the New Xanthone $\hat{\pm}$ -Mangostin. Phytotherapy Research, 2015, 29, 1195-1201.	2.8	41
157	Anthelmintic, anti-inflammatory and antioxidant effects of <i>Garcinia mangostana</i> extract in hamster opisthorchiasis. Experimental Parasitology, 2015, 154, 5-13.	0.5	14
158	Isogarcinol Extracted from <i>Garcinia mangostana</i> L. Ameliorates Systemic Lupus Erythematosus-like Disease in a Murine Model. Journal of Agricultural and Food Chemistry, 2015, 63, 8452-8459.	2.4	12
159	$\hat{\pm}$ - and $\hat{3}$ -mangostin cause shape changes, inhibit aggregation and induce cytolysis of rat platelets. Chemico-Biological Interactions, 2015, 240, 240-248.	1.7	10
160	Different Ways to On-Line Hyphenate Centrifugal Partition Chromatography and Mass Spectrometry: Application to Prenylated Xanthenes from <i>Garcinia mangostana</i> . Planta Medica, 2015, 81, 1597-1603.	0.7	1
161	Mucoadhesive electrospun chitosan-based nanofibre mats for dental caries prevention. Carbohydrate Polymers, 2015, 117, 933-940.	5.1	68
162	New insights into the anti-obesity activity of xanthenes from <i>Garcinia mangostana</i> . Food and Function, 2015, 6, 383-393.	2.1	51
163	$\hat{\pm}$ -Mangostin from <i>Cratoxylum arborescens</i> : An <i>in vitro</i> and <i>in vivo</i> toxicological evaluation. Arabian Journal of Chemistry, 2015, 8, 129-137.	2.3	36
164	Status of Bioactive Compounds in Foods, with Focus on Fruits and Vegetables. Critical Reviews in Food Science and Nutrition, 2015, 55, 1324-1339.	5.4	90
165	Fruits of Tropical Climates: Biodiversity and Dietary Importance. , 2016, , 138-143.		8
166	Evidence of the gastroprotective and anti- <i>Helicobacter pylori</i> activities of $\hat{\pm}$ -mangostin isolated from <i>Cratoxylum arborescens</i> (vahl) blume. Drug Design, Development and Therapy, 2016, 10, 297.	2.0	19
167	Natural Product Inhibitors of Ubiquitin Conjugation and Deconjugation. Studies in Natural Products Chemistry, 2016, , 207-242.	0.8	3

#	ARTICLE	IF	CITATIONS
168	<i>Î±</i> -Mangostin Induces Apoptosis and Cell Cycle Arrest in Oral Squamous Cell Carcinoma Cell. Evidence-based Complementary and Alternative Medicine, 2016, 2016, 1-10.	0.5	37
169	Synergic Effect of <i>Î±</i> -Mangostin on the Cytotoxicity of Cisplatin in a Cervical Cancer Model. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-13.	1.9	23
170	Green Synthesis of Gold Nanoparticles Using Aqueous Extract of <i>Garcinia mangostana</i> Fruit Peels. Journal of Nanomaterials, 2016, 2016, 1-7.	1.5	107
171	DNA Protection against Oxidative Damage Using the Hydroalcoholic Extract of <i>Garcinia mangostana</i> and Alpha-Mangostin. Evidence-based Complementary and Alternative Medicine, 2016, 2016, 1-8.	0.5	5
172	Anti-inflammatory Effect of Mangosteen ( <i>Garcinia mangostana</i> L.) Peel Extract and its Compounds in LPS-induced RAW264.7 Cells. Natural Product Sciences, 2016, 22, 147.	0.2	25
173	<i>Î±</i> -Mangostin Extraction from the Native Mangosteen ( <i>Garcinia mangostana</i> L.) and the Binding Mechanisms of <i>Î±</i> -Mangostin to HSA or TRF. PLoS ONE, 2016, 11, e0161566.	1.1	28
174	Molecular Docking Study of a Series of Substituted Xanthone Derivatives as Novel COX-2 Inhibitors Targeting Prostaglandin Endoperoxide Synthase -2. Current Enzyme Inhibition, 2016, 12, 195-204.	0.3	0
175	A Novel Biological Role of <i>Î±</i> -Mangostin in Modulating Inflammatory Response Through the Activation of SIRT-1 Signaling Pathway. Journal of Cellular Physiology, 2016, 231, 2439-2451.	2.0	49
177	Molecular docking simulation of mangostin derivatives and curcuminoid on maltase- glucoamylase target for searching anti-diabetes drug candidates. , 2016, , .		3
178	Anti-Helicobacter pylori activity of some newly synthesized derivatives of xanthone. Journal of Antibiotics, 2016, 69, 825-834.	1.0	17
179	Gartanin Protects Neurons against Glutamate-Induced Cell Death in HT22 Cells: Independence of Nrf-2 but Involvement of HO-1 and AMPK. Neurochemical Research, 2016, 41, 2267-2277.	1.6	20
180	Amphiphilic xanthenes as a potent chemical entity of anti-mycobacterial agents with membrane-targeting properties. European Journal of Medicinal Chemistry, 2016, 123, 684-703.	2.6	30
181	Gartanin, an isoprenylated xanthone from the mangosteen fruit ( <i>Garcinia mangostana</i> ), is an androgen receptor degradation enhancer. Molecular Nutrition and Food Research, 2016, 60, 1458-1469.	1.5	27
182	Base-Promoted Tandem Reaction Involving Insertion into Carbon-Carbon Bonds: Synthesis of Xanthone and Chromone Derivatives. Chemistry - A European Journal, 2016, 22, 12655-12659.	1.7	46
183	Antimalarial polyoxygenated and prenylated xanthenes from the leaves and branches of <i>Garcinia mckeaniana</i> . Tetrahedron, 2016, 72, 6837-6842.	1.0	15
184	Amelioration of Experimental Autoimmune Encephalomyelitis by Isogarcinol Extracted from <i>Garcinia mangostana</i> L. Mangosteen. Journal of Agricultural and Food Chemistry, 2016, 64, 9012-9021.	2.4	14
185	Cytotoxic lanostanes from fruits of <i>Garcinia wallichii</i> Choisy (Guttiferae). Bioorganic and Medicinal Chemistry Letters, 2016, 26, 5773-5779.	1.0	6
186	Spermatogenic structure and fertility of <i>Mus musculus</i> after exposure of mangosteen ( <i>Garcinia</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.3	0

#	ARTICLE	IF	CITATIONS
187	DNA Barcoding of Philippine Herbal Medicinal Products. <i>Journal of AOAC INTERNATIONAL</i> , 2016, 99, 1479-1489.	0.7	5
188	Î±-Mangostin Inhibits Î±-Synuclein-Induced Microglial Neuroinflammation and Neurotoxicity. <i>Cellular and Molecular Neurobiology</i> , 2016, 36, 811-820.	1.7	37
189	Hypoglycaemic activity of ethanolic extract of <i>Garcinia mangostana</i> Linn. in normoglycaemic and streptozotocin-induced diabetic rats. <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 135.	3.7	45
190	Nordihydroguaiaretic acid (NDGA) and Î±-mangostin inhibit the growth of <i>Mycobacterium tuberculosis</i> by inducing autophagy. <i>International Immunopharmacology</i> , 2016, 31, 149-157.	1.7	23
191	Current trends of tropical fruit waste utilization. <i>Critical Reviews in Food Science and Nutrition</i> , 2018, 58, 1-27.	5.4	85
192	Alpha-mangostin attenuates brain inflammation induced by peripheral lipopolysaccharide administration in C57BL/6J mice. <i>Journal of Neuroimmunology</i> , 2016, 297, 20-27.	1.1	43
193	Acute <i>Garcinia mangostana</i> (mangosteen) supplementation does not alleviate physical fatigue during exercise: a randomized, double-blind, placebo-controlled, crossover trial. <i>Journal of the International Society of Sports Nutrition</i> , 2016, 13, 20.	1.7	13
194	Supercritical carbon dioxide-mediated hydrothermal extraction of bioactive compounds from <i>Garcinia Mangostana</i> pericarp. <i>Journal of Supercritical Fluids</i> , 2016, 110, 167-175.	1.6	32
195	Nonpeptidic Amphiphilic Xanthone Derivatives: Structure-Activity Relationship and Membrane-Targeting Properties. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 171-193.	2.9	47
196	Antiproliferative and apoptosis induction of Î±-mangostin in T47D breast cancer cells. <i>International Journal of Oncology</i> , 2016, 48, 2155-2165.	1.4	57
197	Beneficial effects of cocoa, coffee, green tea, and garcinia complex supplement on diet induced obesity in rats. <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 100.	3.7	20
198	Antitumor and apoptosis-inducing effects of Î±-mangostin extracted from the pericarp of the mangosteen fruit ( <i>Garcinia mangostana</i> L.) in YD-15 tongue mucoepidermoid carcinoma cells. <i>International Journal of Molecular Medicine</i> , 2016, 37, 939-948.	1.8	47
199	A new megastigmane sulphoglycoside and polyphenolic constituents from pericarps of <i>Garcinia mangostana</i> . <i>Natural Product Research</i> , 2016, 30, 1598-1604.	1.0	14
200	Food safety in Thailand. 3: Pesticide residues detected in mangosteen ( <i>Garcinia mangostana</i> L.), queen of fruits. <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, 832-840.	1.7	17
201	Unraveling the inhibition mechanism of cyanidin-3-sophoroside on polyphenol oxidase and its effect on enzymatic browning of apples. <i>Food Chemistry</i> , 2017, 227, 102-110.	4.2	52
202	Recovery of mangostins from <i>Garcinia mangostana</i> peels with an aqueous micellar biphasic system. <i>Food and Bioproducts Processing</i> , 2017, 102, 233-240.	1.8	27
203	Development and <i>in vivo</i> evaluation of self-microemulsion as delivery system for Î±-mangostin. <i>Kaohsiung Journal of Medical Sciences</i> , 2017, 33, 116-123.	0.8	26
204	Synthesis and Characterization of Bacterial Cellulose - <i>Garcinia mangostana</i> Extract as Anti Breast Cancer Biofilm Candidate. <i>Journal of Biomimetics, Biomaterials and Biomedical Engineering</i> , 2017, 30, 76-85.	0.5	4

#	ARTICLE	IF	CITATIONS
205	Pharmacology of mangostins and their derivatives: A comprehensive review. Chinese Journal of Natural Medicines, 2017, 15, 81-93.	0.7	47
206	Antimalarial activity of <i>Garcinia mangostana</i> L rind and its synergistic effect with artemisinin in vitro. BMC Complementary and Alternative Medicine, 2017, 17, 131.	3.7	18
207	Optimization of Adhesive Pastes for Dental Caries Prevention. AAPS PharmSciTech, 2017, 18, 3087-3096.	1.5	12
208	Effect of alginate composition on profile release and characteristics of chitosan-alginate microparticles loaded with mangosteen extract. AIP Conference Proceedings, 2017, , .	0.3	12
209	New horizons in the extraction of bioactive compounds using deep eutectic solvents: A review. Analytica Chimica Acta, 2017, 979, 1-23.	2.6	377
210	RNA-seq analysis of mangosteen ( <i>Garcinia mangostana</i> L.) fruit ripening. Genomics Data, 2017, 12, 159-160.	1.3	13
211	Effect of chitosan molecular weight and composition on mucoadhesive properties of mangostin-loaded chitosan-alginate microparticles. AIP Conference Proceedings, 2017, , .	0.3	5
213	Medicinal properties of mangosteen ( <i>Garcinia mangostana</i> L.): A comprehensive update. Food and Chemical Toxicology, 2017, 109, 102-122.	1.8	151
214	Using Ultra-Performance Liquid Chromatography Quadrupole Time of Flight Mass Spectrometry-Based Chemometrics for the Identification of Anti-angiogenic Biflavonoids from Edible <i>Garcinia</i> Species. Journal of Agricultural and Food Chemistry, 2017, 65, 8348-8355.	2.4	26
215	Dual/multitargeted xanthone derivatives for Alzheimer's disease: where do we stand?. Future Medicinal Chemistry, 2017, 9, 1611-1630.	1.1	25
216	Garcinone E induces apoptosis and inhibits migration and invasion in ovarian cancer cells. Scientific Reports, 2017, 7, 10718.	1.6	34
217	Gold Nanoparticles Biosynthesis: A Simple Route for Control Size Using Waste Peel Extract. IEEE Nanotechnology Magazine, 2017, 16, 954-957.	1.1	11
218	Semisynthesis and Biological Evaluation of Xanthone Amphiphilics as Selective, Highly Potent Antifungal Agents to Combat Fungal Resistance. Journal of Medicinal Chemistry, 2017, 60, 10135-10150.	2.9	36
219	Review of <i>Garcinia mangostana</i> and its Xanthenes in Metabolic Syndrome and Related Complications. Phytotherapy Research, 2017, 31, 1173-1182.	2.8	65
220	Neuroprotective effect of $\hat{\pm}$ -mangostin on mitochondrial dysfunction and $\hat{\pm}$ -synuclein aggregation in rotenone-induced model of Parkinson's disease in differentiated SH-SY5Y cells. Journal of Asian Natural Products Research, 2017, 19, 833-845.	0.7	30
221	Anticarcinogenic Effects of $\hat{\pm}$ -Mangostin: A Review. Planta Medica, 2017, 83, 188-202.	0.7	70
222	Gartanin induces cell cycle arrest and autophagy and suppresses migration involving PI3K/Akt/mTOR and MAPK signalling pathway in human glioma cells. Journal of Cellular and Molecular Medicine, 2017, 21, 46-57.	1.6	44
223	Surface modification of nanostructure lipid carrier (NLC) by oleoyl-quaternized-chitosan as a mucoadhesive nanocarrier. Colloids and Surfaces B: Biointerfaces, 2017, 149, 301-311.	2.5	45

#	ARTICLE	IF	CITATIONS
224	Versicones Eâ€“H and arugosin K produced by the mangrove-derived fungus <i>Aspergillus versicolor</i> HDN11-84. <i>Journal of Antibiotics</i> , 2017, 70, 174-178.	1.0	11
225	Assessing gastric toxicity of xanthone derivatives of anti-inflammatory activity using simulation and experimental approaches. <i>Biophysical Chemistry</i> , 2017, 220, 20-33.	1.5	5
226	Local Fruit Wastes as a Potential Source of Natural Antioxidant: An Overview. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 206, 012040.	0.3	26
227	Comparative clinical efficacy of three toothpastes in the control of supragingival calculus formation. <i>European Journal of Dentistry</i> , 2017, 11, 094-098.	0.8	9
228	PREPARATION, CHARACTERIZATION AND ANTIOXIDANT ACTIVITY OF XANTHONE-LOADED MAKING (HODGSONIA HETEROCLITA) MICROEMULSIONS. <i>International Journal of Pharmacy and Pharmaceutical Sciences</i> , 2017, 9, 262.	0.3	2
229	Anti-Bacterial and Anti-Fungal Activity of Xanthonnes Obtained via Semi-Synthetic Modification of $\hat{1}\pm$ -Mangostin from <i>Garcinia mangostana</i> . <i>Molecules</i> , 2017, 22, 275.	1.7	52
230	Correlation between Structures and Antioxidant Activities of Polyvinylpyrrolidone/ <i>Garcinia mangostana</i> L. Extract Composite Nanofiber Mats Prepared Using Electrospinning. <i>Journal of Nanomaterials</i> , 2017, 2017, 1-10.	1.5	54
231	A Comparative Study of <i>Actinidia deliciosa</i> and <i>Garcinia mangostana</i> in Ovariectomy-Induced Osteoporosis in Female Wistar Rats. <i>BioMed Research International</i> , 2017, 2017, 1-10.	0.9	7
232	Antimicrobial Effects of <i>Garcinia Mangostana</i> on Cariogenic Microorganisms. <i>Journal of Clinical and Diagnostic Research JCDR</i> , 2017, 11, ZC19-ZC22.	0.8	20
233	Protective effects of compounds from <i>Garcinia mangostana</i> L. (mangosteen) against UVB damage in HaCaT cells and hairless mice. <i>International Journal of Molecular Medicine</i> , 2017, 40, 1941-1949.	1.8	23
234	Hexavalent Chromium Induced Alteration of Carbohydrate Bioenergetics: A Dose-dependent Study. <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 2017, 10, 410.	0.3	7
235	The role of p53 in cancer drug resistance and targeted chemotherapy. <i>Oncotarget</i> , 2017, 8, 8921-8946.	0.8	407
236	The potential of mangosteen ( <i>Garcinia mangostana</i> ) peel extract, combined with demineralized freeze-dried bovine bone xenograft, to reduce ridge resorption and alveolar bone regeneration in preserving the tooth extraction socket. <i>Journal of Indian Prosthodontic Society</i> , The, 2017, 17, 282.	0.3	26
237	Antibacterial Activity of Constituents from Mangosteen <i>Garcinia mangostana</i> Fruit Pericarp against Several Channel Catfish Pathogens. <i>Journal of Aquatic Animal Health</i> , 2018, 30, 179-184.	0.6	12
238	Novel Mannich bases of $\hat{1}\pm$ - and $\hat{1}^3$ -mangostins: Synthesis and evaluation of antioxidant and membrane-protective activity. <i>European Journal of Medicinal Chemistry</i> , 2018, 152, 10-20.	2.6	44
239	Green synthesis of zinc oxide nanoparticles using aqueous extract of <i>Garcinia mangostana</i> fruit pericarp and their photocatalytic activity. <i>Bulletin of Materials Science</i> , 2018, 41, 1.	0.8	128
240	Formulation and characterization of nanoemulgel mangosteen extract in virgin coconut oil for topical formulation. <i>MATEC Web of Conferences</i> , 2018, 156, 01013.	0.1	12
241	Microhemodynamic indices to evaluate the effectiveness of herbal medicine in diabetes: A comparison between alpha-mangostin and curcumin in the retina of type 2 diabetic rats. <i>Clinical Hemorheology and Microcirculation</i> , 2018, 69, 471-480.	0.9	4



#	ARTICLE	IF	CITATIONS
242	Alpha-mangostin attenuates diabetic nephropathy in association with suppression of acid sphingomyelinase and endoplasmic reticulum stress. <i>Biochemical and Biophysical Research Communications</i> , 2018, 496, 394-400.	1.0	19
243	Determination of the chromosome number and genome size of <i>Garcinia mangostana</i> L. via cytogenetics, flow cytometry and k-mer analyses. <i>Caryologia</i> , 2018, 71, 35-44.	0.2	16
244	Controllable encapsulation of $\beta$ -mangostin with quaternized $\beta$ -cyclodextrin grafted chitosan using high shear mixing. <i>International Journal of Pharmaceutics</i> , 2018, 538, 21-29.	2.6	18
245	Inhibition of NF- $\kappa$ B pathway in fibroblast-like synoviocytes by $\beta$ -mangostin implicated in protective effects on joints in rats suffering from adjuvant-induced arthritis. <i>International Immunopharmacology</i> , 2018, 56, 78-89.	1.7	32
246	Usage, biological activity, and safety of selected botanical dietary supplements consumed in the United States. <i>Journal of Traditional and Complementary Medicine</i> , 2018, 8, 267-277.	1.5	32
247	Preparation and characterization of electrospun polyacrylonitrile fiber mats containing <i>Garcinia mangostana</i> . <i>Polymer Bulletin</i> , 2018, 75, 1311-1327.	1.7	12
248	<i>Garcinia mangostana</i> Linn displays antidepressant-like and pro-cognitive effects in a genetic animal model of depression: a bio-behavioral study in the Flinders Sensitive Line rat. <i>Metabolic Brain Disease</i> , 2018, 33, 467-480.	1.4	24
249	Antibacterial Mangosteen ( <i>Garcinia mangostana</i> Linn.) peel extract encapsulated in Chitosan. <i>Journal of Physics: Conference Series</i> , 2018, 1116, 042037.	0.3	6
250	DEVELOPMENT, CHARACTERIZATION AND SKIN IRRITATION OF MANGOSTEEN PEEL EXTRACT SOLID DISPERSION CONTAINING CLAY FACIAL MASK. <i>International Journal of Applied Pharmaceutics</i> , 2018, 10, 202.	0.3	4
251	Mangosteen ethanol extract alleviated the severity of collagen-induced arthritis in rats and produced synergistic effects with methotrexate. <i>Pharmaceutical Biology</i> , 2018, 56, 455-464.	1.3	18
252	$\beta$ -Mangostin Alleviated Lipopolysaccharide Induced Acute Lung Injury in Rats by Suppressing NAMPT/NAD Controlled Inflammatory Reactions. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-10.	0.5	17
253	Encapsulation of Mangosteen Extract in Virgin Coconut Oil Based Nanoemulsions: Preparation and Characterization for Topical Formulation. <i>Materials Science Forum</i> , 0, 929, 234-242.	0.3	14
254	Effect of mangosteen peel extract as an antioxidant agent on the shear bond strength of orthodontic brackets bonded to bleached teeth. <i>Dental Press Journal of Orthodontics</i> , 2018, 23, 58-64.	0.2	15
255	Alpha- and gamma-mangostins exhibit anti-acne activities via multiple mechanisms. <i>Immunopharmacology and Immunotoxicology</i> , 2018, 40, 415-422.	1.1	9
256	Acute toxicity and teratogenicity of $\beta$ -mangostin in zebrafish embryos. <i>Experimental Biology and Medicine</i> , 2018, 243, 1212-1219.	1.1	15
257	Biotransformation of $\beta$ -Mangostin by an Endophytic Fungus of <i>Garcinia mangostana</i> to Furnish Xanthenes with an Unprecedented Heterocyclic Skeleton. <i>Journal of Natural Products</i> , 2018, 81, 2244-2250.	1.5	13
258	Combined extracts of <i>Garcinia mangostana</i> fruit rind and <i>Cinnamomum tamala</i> leaf supplementation enhances muscle strength and endurance in resistance trained males. <i>Journal of the International Society of Sports Nutrition</i> , 2018, 15, 50.	1.7	8
259	Potential anti-Dengue Concoction of Carica Papaya (C. Papaya) Leaf and G. Mangostana (G. Mangostana) Pericarp and Their Bioactivity Enhancement by Fermentation: A Review. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 358, 012036.	0.3	0



#	ARTICLE	IF	CITATIONS
260	Anti-Microbial and Self-Cleaning of Natural Rubber Latex Gloves by Adding Mangosteen Peel Powder. Key Engineering Materials, 2018, 777, 3-7.	0.4	8
261	Mangosteen pericarp extract embedded in electrospun PVP nanofiber mats: physicochemical properties and release mechanism of $\alpha$ -mangostin. International Journal of Nanomedicine, 2018, Volume 13, 4927-4941.	3.3	55
262	Plant Secondary Metabolites for Antifusarium and Antiphytophthora. , 2018, , .		1
263	Novel oxazolxanthone derivatives as a new type of $\beta$ -glucosidase inhibitor: synthesis, activities, inhibitory modes and synergetic effect. Bioorganic and Medicinal Chemistry, 2018, 26, 3370-3378.	1.4	26
264	Design of alpha mangostin-loaded chitosan/alginate controlled-release nanoparticles using genipin as crosslinker. Journal of Drug Delivery Science and Technology, 2018, 46, 312-321.	1.4	25
265	The effect of heating temperature on cytotoxicity and $\beta$ -mangostin yield: Mangosteen pericarp juice and mangosteen extract. IOP Conference Series: Materials Science and Engineering, 2018, 316, 012010.	0.3	2
266	Bioactive Compounds from Garcinia Fruits of High Economic Value for Food and Health. Reference Series in Phytochemistry, 2018, , 1-28.	0.2	2
267	Breeding of Garcinia spp.. , 2018, , 773-809.		8
268	Somatic embryogenesis-related gene expression and functional genomics in mangosteen. Plant Gene, 2018, 15, 51-66.	1.4	4
269	Dietary $\beta$ -Mangostin Provides Protective Effects against Acetaminophen-Induced Hepatotoxicity in Mice via Akt/mTOR-Mediated Inhibition of Autophagy and Apoptosis. International Journal of Molecular Sciences, 2018, 19, 1335.	1.8	26
270	Xanthonenes Content in Swertia multicaulis D. Don from Nepal. Molecules, 2018, 23, 1067.	1.7	6
271	Metabolite profiles of callus and cell suspension cultures of mangosteen. 3 Biotech, 2018, 8, 322.	1.1	12
272	Effect of drying methods and solvent extraction on the phenolic compounds of Gynura pseudochina (L.) DC. leaf extracts and their anti-psoriatic property. Industrial Crops and Products, 2018, 120, 34-46.	2.5	26
273	Effect of Xanthone and 1-Hydroxy Xanthone on the Dipole Potential of Lipid Membranes. Colloids and Interface Science Communications, 2018, 26, 24-31.	2.0	6
274	Mutational analyses for product specificity of YjiC towards $\beta$ -mangostin mono-glucoside. Enzyme and Microbial Technology, 2018, 118, 76-82.	1.6	5
275	An anti-inflammatory molecular mechanism of action of $\beta$ -mangostin, the major xanthone from the pericarp of <i>Garcinia mangostana</i> : an <i>in silico</i> , <i>in vitro</i> and <i>in vivo</i> approach. Food and Function, 2018, 9, 3860-3871.	2.1	47
276	Direct recovery of mangostins from <i>Garcinia mangostana</i> pericarps using cellulase-assisted aqueous micellar biphasic system with recyclable surfactant. Journal of Bioscience and Bioengineering, 2018, 126, 507-513.	1.1	13
277	Metabolite profiling of mangosteen seed germination highlights metabolic changes related to carbon utilization and seed protection. Scientia Horticulturae, 2019, 243, 226-234.	1.7	14

#	ARTICLE	IF	CITATIONS
278	Development of antituberculosis melt-blown polypropylene filters coated with mangosteen extracts for medical face mask applications. <i>Polymer Bulletin</i> , 2019, 76, 1985-2004.	1.7	24
279	Characterization and antioxidant activity of pectin from Indonesian mangosteen ( <i>Garcinia</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	1.4	93
280	The Effect Of Plant Growth Regulators On Callus Induction Of Mangosteen ( <i>Garcinia mangostana</i> L.). IOP Conference Series: Earth and Environmental Science, 2019, 305, 012049.	0.2	1
281	Anti-cholinesterase potential of diverse botanical families from Malaysia: Evaluation of crude extracts and fractions from liquid-liquid extraction and acid-base fractionation. <i>Journal of Ethnopharmacology</i> , 2019, 245, 112160.	2.0	19
282	The role of polysaccharide peptide of <i>Ganoderma lucidum</i> as a potent protective vascular endothelial cell, anti inflammation, and antioxidant in STEMI and NSTEMI patients. AIP Conference Proceedings, 2019, , .	0.3	3
283	In silico and in vitro identification of candidate SIRT1 activators from Indonesian medicinal plants compounds database. <i>Computational Biology and Chemistry</i> , 2019, 83, 107096.	1.1	16
284	Trends and Possibilities of the Usage of Medicinal Herbal Extracts in Beverage Production. , 2019, , 361-398.		10
285	Physicochemical properties of alpha-mangostin loaded nanomeulsions prepared by ultrasonication technique. <i>Heliyon</i> , 2019, 5, e02465.	1.4	24
286	Bio-Mediated Synthesis and Characterisation of Silver Nanocarrier, and Its Potent Anticancer Action. <i>Nanomaterials</i> , 2019, 9, 1423.	1.9	40
287	1,3,5,6-Tetrahydroxyxanthone, a natural xanthone, induces diuresis and saluresis in normotensive and hypertensive rats. <i>Chemico-Biological Interactions</i> , 2019, 311, 108778.	1.7	18
288	The characteristics of the pericarp of <i>garcinia mangostana</i> (mangosteen) extract as natural antioxidants in rendang. IOP Conference Series: Earth and Environmental Science, 2019, 287, 012028.	0.2	4
289	Fatty Acids Content of Yogurt Drink by Mangosteen Rind Extract ( <i>Garcinia mangostana</i> L.). IOP Conference Series: Earth and Environmental Science, 2019, 292, 012071.	0.2	0
290	Tuning of virgin coconut oil and propylene glycol ratios for maximizing the polyphenol recovery and in vitro bioactivities of mangosteen ( <i>Garcinia mangostana</i> L.) pericarp. <i>Process Biochemistry</i> , 2019, 87, 179-186.	1.8	23
291	Clinical efficacy of 0.5% topical mangosteen extract in nanoparticle loaded gel in treatment of mild-to-moderate acne vulgaris: A 12-week, split-face, double-blind, randomized, controlled trial. <i>Journal of Cosmetic Dermatology</i> , 2019, 18, 1395-1403.	0.8	9
292	Alpha mangostin loaded crosslinked silk fibroin-based nanoparticles for cancer chemotherapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 181, 705-713.	2.5	54
293	Protocol and Rationale: A 24-week Double-blind, Randomized, Placebo Controlled Trial of the Efficacy of Adjunctive <i>Garcinia mangostana</i> Linn. (Mangosteen) Pericarp for Schizophrenia. <i>Clinical Psychopharmacology and Neuroscience</i> , 2019, 17, 297-307.	0.9	5
294	Antimicrobial and antioxidant activity of <i>Garcinia brasiliensis</i> extracts. <i>South African Journal of Botany</i> , 2019, 124, 244-250.	1.2	14
295	Design and synthesis of novel xanthone-triazole derivatives as potential antidiabetic agents: $\alpha$ -Glucosidase inhibition and glucose uptake promotion. <i>European Journal of Medicinal Chemistry</i> , 2019, 177, 362-373.	2.6	77

#	ARTICLE	IF	CITATIONS
296	Evaluation of antibacterial activity of mangosteen ( <i>Garcinia mangostana</i> L.) pericarp extract against rice leaf blight bacteria ( <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> ) at various temperatures and durations of fruit storage. IOP Conference Series: Earth and Environmental Science, 2019, 250, 012026.	0.2	2
297	Inhibition of Oxidative Neurotoxicity and Scopolamine-Induced Memory Impairment by $\gamma$ -Mangostin: <i>In Vitro</i> and <i>In Vivo</i> Evidence. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-14.	1.9	19
298	1,2-Propanediol - Betaine as Green Solvent for Extracting $\gamma$ -Mangostin from the Rind of Mangosteen Fruit: Solvent Recovery and Physical Characteristics. <i>Journal of Physics: Conference Series</i> , 2019, 1198, 062003.	0.3	6
299	Evaluation of encapsulated microparticles of <i>Garcinia mangostana</i> L. extracts on marker SGOT, SGPT, BUN and creatinine serum of BALB/c mice. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	3
300	The Protective Effect of Alpha-Mangostin against Cisplatin-Induced Cell Death in LLC-PK1 Cells is Associated to Mitochondrial Function Preservation. <i>Antioxidants</i> , 2019, 8, 133.	2.2	18
301	Bioactive Compounds from <i>Garcinia</i> Fruits of High Economic Value for Food and Health. <i>Reference Series in Phytochemistry</i> , 2019, , 1643-1670.	0.2	10
302	Polyalcohols as Hydrogen-Bonding Donors in Choline Chloride-Based Deep Eutectic Solvents for Extraction of Xanthenes from the Pericarp of <i>Garcinia mangostana</i> L.. <i>Molecules</i> , 2019, 24, 636.	1.7	35
303	Size Reduction Efficiency of Alpha-Mangostin Suspension Using High-Pressure Homogenization. <i>Chemical and Pharmaceutical Bulletin</i> , 2019, 67, 389-392.	0.6	2
304	Photovoltaic Performance of Natural Dyes for Dye-Sensitized Solar Cells. , 2019, , 203-229.		12
305	Simulation and Optimisation of Anti-Dengue Nutraceutical Drink Production Plant for Medic IG Biopharma. <i>Key Engineering Materials</i> , 0, 797, 177-185.	0.4	0
306	The Therapeutic Potential of Mangosteen Pericarp as an Adjunctive Therapy for Bipolar Disorder and Schizophrenia. <i>Frontiers in Psychiatry</i> , 2019, 10, 115.	1.3	16
307	ANTIFUNGAL AND ANTIBACTERIAL ACTIVITIES OF JUICE AND ETHANOLIC EXTRACTS OF <i>GARCINIA MANGOSTANA</i> L. LEAVES. <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 2019, , 103-106.	0.3	0
308	Preparation, characterization and release profile of chitosan alginate freeze dried matrices loaded with mangostins. <i>Journal of Physics: Conference Series</i> , 2019, 1295, 012009.	0.3	0
309	Effect of gamma-mangostin on testosterone levels in Leydig cell culture of Sprague-Dawley rat induced by advanced glycation end products: a preliminary study. <i>BMC Proceedings</i> , 2019, 13, 12.	1.8	3
310	Polymethacrylates as Polymeric Film Formation in Patches Containing $\gamma$ -Mangostin and Resveratrol. <i>Key Engineering Materials</i> , 2019, 819, 51-56.	0.4	0
311	$\gamma$ -Mangostin Hydrogel Film Based Chitosan-Alginate for Recurrent Aphthous Stomatitis. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 5235.	1.3	14
312	Response surface methodology optimization of $\gamma$ -mangostin extraction using betaine-1,2-propanediol deep eutectic solvent. <i>Journal of Physics: Conference Series</i> , 2019, 1295, 012008.	0.3	1
313	Alpha-mangostin: Anti-inflammatory and antioxidant effects on established collagen-induced arthritis in DBA/1J mice. <i>Food and Chemical Toxicology</i> , 2019, 124, 300-315.	1.8	45

#	ARTICLE	IF	CITATIONS
314	Novel Aminomethyl Derivatives of 4- <i>o</i> -Methyl-2- <i>o</i> -prenylphenol: Synthesis and Antioxidant Properties. <i>Chemistry and Biodiversity</i> , 2019, 16, e1800637.	1.0	10
315	Phloroglucinols from the Roots of <i>Garcinia dauphinensis</i> and Their Antiproliferative and Antiplasmodial Activities. <i>Journal of Natural Products</i> , 2019, 82, 431-439.	1.5	16
316	Metabolomics Analysis Reveals Therapeutic Effects of $\hat{\pm}$ -Mangostin on Collagen-Induced Arthritis in Rats by Down-regulating Nicotinamide Phosphoribosyltransferase. <i>Inflammation</i> , 2019, 42, 741-753.	1.7	17
317	Green synthesis and characterization of bioinspired silver, gold and platinum nanoparticles and evaluation of their synergistic antibacterial activity after combining with different classes of antibiotics. <i>Materials Science and Engineering C</i> , 2019, 96, 693-707.	3.8	132
318	Transformation of cheaper mangosteen pericarp waste into bioethanol and chemicals. <i>Journal of Chemical Technology and Biotechnology</i> , 2020, 95, 348-355.	1.6	5
319	Current status and contemporary approaches to the discovery of antitumor agents from higher plants. <i>Biotechnology Advances</i> , 2020, 38, 107337.	6.0	72
320	Discovery of gamma-mangostin from <i>Garcinia mangostana</i> as a potent and selective natural SIRT2 inhibitor. <i>Bioorganic Chemistry</i> , 2020, 94, 103403.	2.0	21
321	$\hat{\pm}$ -Mangostin reduced the viability of A594 cells in vitro by provoking ROS production through downregulation of NAMPT/NAD. <i>Cell Stress and Chaperones</i> , 2020, 25, 163-172.	1.2	22
322	Identification of Xanthones from the Mangosteen Pericarp that Inhibit the Growth of <i>Ralstonia solanacearum</i> . <i>ACS Omega</i> , 2020, 5, 334-343.	1.6	14
323	Cyclodextrin-based nanoparticles encapsulating $\hat{\pm}$ -mangostin and their drug release behavior: potential carriers of $\hat{\pm}$ -mangostin for cancer therapy. <i>Polymer Journal</i> , 2020, 52, 457-466.	1.3	18
324	Development of antioxidant and antimicrobial packaging films based on chitosan and mangosteen ( <i>Garcinia mangostana</i> L.) rind powder. <i>International Journal of Biological Macromolecules</i> , 2020, 145, 1129-1139.	3.6	67
325	Xanthones protects lead-induced chronic kidney disease (CKD) via activating Nrf-2 and modulating NF- $\kappa$ B, MAPK pathway. <i>Biochemistry and Biophysics Reports</i> , 2020, 21, 100718.	0.7	16
326	Microbial communities associated with distance- and density-dependent seedling mortality in a tropical rainforest. <i>Plant Ecology</i> , 2020, 221, 41-54.	0.7	5
327	Gartanin is a novel NEDDylation inhibitor for induction of Skp2 degradation, FBXW2 expression, and autophagy. <i>Molecular Carcinogenesis</i> , 2020, 59, 193-201.	1.3	19
328	Evaluation of metabolic changes in liver and serum of streptozotocin-induced diabetic rats after Mango diet supplementation. <i>Journal of Functional Foods</i> , 2020, 64, 103695.	1.6	15
329	Protective effect of alpha mangostin on rotenone induced toxicity in rat model of Parkinson's disease. <i>Neuroscience Letters</i> , 2020, 716, 134652.	1.0	32
330	Enhancement of $\hat{\pm}$ -Mangostin Wound Healing Ability by Complexation with 2-Hydroxypropyl- $\beta$ -Cyclodextrin in Hydrogel Formulation. <i>Pharmaceuticals</i> , 2020, 13, 290.	1.7	11
331	Statistical Design of Sustained-Release Tablet <i>Garcinia cambogia</i> Extract and Bioconverted Mulberry Leaf Extract for Anti-Obesity. <i>Pharmaceutics</i> , 2020, 12, 932.	2.0	5

#	ARTICLE	IF	CITATIONS
332	Garcinia mangostana peel extracts exhibit hepatoprotective activity against thioacetamide-induced liver cirrhosis in rats. <i>Journal of Functional Foods</i> , 2020, 74, 104200.	1.6	24
333	Medicinal Potential of Garcinia Species and Their Compounds. <i>Molecules</i> , 2020, 25, 4513.	1.7	53
334	Inhibition of CDK2/CyclinE1 by xanthenes from the mangosteen ( <i>Garcinia mangostana</i> ): a structure-activity relationship study. <i>Natural Product Research</i> , 2021, 35, 5429-5433.	1.0	8
335	Neuroprotection Against Parkinson's Disease Through the Activation of Akt/GSK3 $\beta$ Signaling Pathway by Tovophyllin A. <i>Frontiers in Neuroscience</i> , 2020, 14, 723.	1.4	11
336	Fortification of skim milk with whey protein xanthone and its effect on antihyperglycemic activities in animal model. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 443, 012012.	0.2	0
337	Isolation and Optical Properties of Natural Pigments from Purple Mangosteen Peels. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 833, 012018.	0.3	9
338	Catechol-Functionalized Alginate Nanoparticles as Mucoadhesive Carriers for Intravesical Chemotherapy. <i>AAPS PharmSciTech</i> , 2020, 21, 212.	1.5	18
339	Probing simple structural modification of $\pm$ -mangostin on its cholinesterase inhibition and cytotoxicity. <i>Archiv Der Pharmazie</i> , 2020, 353, e2000156.	2.1	9
340	Mangosteen Pericarp and Its Bioactive Xanthenes: Potential Therapeutic Value in Alzheimer's Disease, Parkinson's Disease, and Depression with Pharmacokinetic and Safety Profiles. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6211.	1.8	32
341	Activation of cholinergic anti-inflammatory pathway involved in therapeutic actions of $\pm$ -mangostin on lipopolysaccharide-induced acute lung injury in rats. <i>International Journal of Immunopathology and Pharmacology</i> , 2020, 34, 205873842095494.	1.0	7
342	Effects of $\pm$ -mangostin on embryonic development and liver development in zebrafish. <i>Molecular and Cellular Toxicology</i> , 2020, 16, 469-476.	0.8	3
343	Virtual high-throughput screening and simulation studies of compounds from selected traditionally important medicinal plants for the identification of potential inhibitors of AcrB. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 4451-4459.	2.0	2
344	Characterization of spherical Ag nanoparticles synthesized from the agricultural wastes of <i>Garcinia mangostana</i> and <i>Nephelium lappaceum</i> and their applications as a photo catalyzer and fluorescence quencher. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	10
345	Total Phenolic Compounds of Fruit and Vegetable Powders in Thailand. <i>Applied Mechanics and Materials</i> , 2020, 901, 3-9.	0.2	0
346	Alpha Mangostin promotes myogenic differentiation of C2C12 mouse myoblast cells. <i>Biochemical and Biophysical Research Communications</i> , 2020, 528, 193-198.	1.0	6
347	Anticancer and Antiangiogenic Activities of Novel $\pm$ -Mangostin Glycosides in Human Hepatocellular Carcinoma Cells via Downregulation of c-Met and HIF-1 $\alpha$ . <i>International Journal of Molecular Sciences</i> , 2020, 21, 4043.	1.8	11
348	Spray drying of mangosteen ( <i>Garcinia mangostana</i> L.) juice and analysis of antioxidant activity and total phenolic content. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 796, 012046.	0.3	1
349	The Relationship of Free Radical Scavenging and Total Phenolic and Flavonoid Contents of <i>Garcinia lasoar</i> PAM. <i>Pharmaceutical Chemistry Journal</i> , 2020, 53, 1151-1157.	0.3	44

#	ARTICLE	IF	CITATIONS
350	Isolation, structural elucidation, and immunoregulation properties of an arabinofuranan from the rinds of <i>Garcinia mangostana</i> . <i>Carbohydrate Polymers</i> , 2020, 246, 116567.	5.1	28
351	Studies on the invitro anticancer activity of mangostin and acetylated mangostin against MCF-7 cell lines. <i>Chemical Data Collections</i> , 2020, 28, 100476.	1.1	2
352	Comparison of antioxidant effect and phenolic compounds in tropical fruits. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	5
353	Optimization of Chitosan-Alginate Microparticles for Delivery of Mangostins to the Colon Area Using Box-Behnken Experimental Design. <i>International Journal of Molecular Sciences</i> , 2020, 21, 873.	1.8	19
354	An active heteropolysaccharide from the rinds of <i>Garcinia mangostana</i> Linn.: Structural characterization and immunomodulation activity evaluation. <i>Carbohydrate Polymers</i> , 2020, 235, 115929.	5.1	21
356	Effects of $\pm$ -Mangostin Derivatives on the Alzheimer's Disease Model of Rats and Their Mechanism: A Combination of Experimental Study and Computational Systems Pharmacology Analysis. <i>ACS Omega</i> , 2020, 5, 9846-9863.	1.6	10
357	Development and characterization of antibacterial hydroxyapatite coated with mangosteen extract for bone tissue engineering. <i>Polymer Bulletin</i> , 2021, 78, 3543-3559.	1.7	9
358	Optimization of the antioxidant capacity of mangosteen peels ( <i>Garcinia mangostana</i> L.) extracts: Management of the drying extraction processes. <i>Food Science and Technology International</i> , 2021, 27, 404-412.	1.1	7
359	Anticancer efficacy of cyclodextrin-based hyperbranched polymer nanoparticles containing alpha-mangostin. <i>Polymer Journal</i> , 2021, 53, 481-492.	1.3	8
360	The application of <i>Pistacia khinjuk</i> extract nanoemulsion in a biopolymeric coating to improve the shelf life extension of sunflower oil. <i>Food Science and Nutrition</i> , 2021, 9, 920-928.	1.5	17
361	Prenylated xanthenes from mangosteen ( <i>Garcinia mangostana</i> ) activate the AhR and Nrf2 pathways and protect intestinal barrier integrity in HT-29 cells. <i>Free Radical Biology and Medicine</i> , 2021, 163, 102-115.	1.3	16
362	Ethanollic <i>Garcinia mangostana</i> extract and $\pm$ -mangostin improve dextran sulfate sodium-induced ulcerative colitis via the suppression of inflammatory and oxidative responses in ICR mice. <i>Journal of Ethnopharmacology</i> , 2021, 265, 113384.	2.0	20
363	Recent advances and new challenges of green solvents for the extraction of phenolic compounds from tropical fruits. , 2021, , 271-287.		1
364	Mucoadhesive chitosan and thiolated chitosan nanoparticles containing alpha mangostin for possible Colon-targeted delivery. <i>Pharmaceutical Development and Technology</i> , 2021, 26, 362-372.	1.1	27
365	Stability of nanoemulsion prepared using betaine-based natural deep eutectic solvent (NADES) and refined coconut oil (RCO) for topical formulation of mangosteen extract. <i>AIP Conference Proceedings</i> , 2021, , .	0.3	0
366	<i>Garcinia mangostana</i> L. fruit rind extract in ethyl acetate, n- butanol and water fractions: phytochemical analysis, antioxidant assay and cytotoxicity assay. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021, 1053, 012040.	0.3	1
367	Neuroprotective Effect of $\pm$ -Mangostin in Ameliorating Propionic Acid-Induced Experimental Model of Autism in Wistar Rats. <i>Brain Sciences</i> , 2021, 11, 288.	1.1	40
368	$\pm$ -Mangosteen from <i>Garcinia Mangostana</i> Linn and its Effect in Blood Insulin and Sugar Levels in Hyperglycemic Rat. <i>Journal of Clinical and Experimental Investigations</i> , 2021, 12, em00770.	0.1	0



#	ARTICLE	IF	CITATIONS
369	Effectiveness of the Natural Antioxidant 2,4,4'-Trihydroxychalcone on the Oxidation of Sunflower Oil during Storage. <i>Molecules</i> , 2021, 26, 1630.	1.7	8
371	Antibacterial activity of <i>Garcinia mangostana</i> peel-dyed cotton fabrics using synthetic and natural mordants. <i>Sustainable Chemistry and Pharmacy</i> , 2021, 21, 100440.	1.6	11
372	A Sustainable Approach for Extracting Non-Extractable Phenolic Compounds from Mangosteen Peel Using Ultrasound-Assisted Extraction and Natural Deep Eutectic Solvents. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5625.	1.3	11
373	Dyeing of cotton fabric materials with biogenic gold nanoparticles. <i>Scientific Reports</i> , 2021, 11, 13249.	1.6	16
374	Inhibitory effect of mangosteen peel and propolis ethanol extracts on alveolar bone loss against increased treatment amount of <i>Porphyromonas gingivalis</i> lipopolysaccharide in rat. <i>Korean Journal of Dental Materials</i> , 2021, 48, 71-78.	0.2	0
375	Evaluation of developmental and transcriptional effects of $\hat{\pm}$ -mangostin on zebrafish embryos. <i>Toxicological and Environmental Chemistry</i> , 2021, 103, 254-268.	0.6	3
376	Perspectives on the Combined Effects of <i>Ocimum basilicum</i> and <i>Trifolium pratense</i> Extracts in Terms of Phytochemical Profile and Pharmacological Effects. <i>Plants</i> , 2021, 10, 1390.	1.6	41
377	Characteristics and Bioactivities of Carrageenan/Chitosan Microparticles Loading $\hat{\pm}$ -Mangostin. <i>Journal of Polymers and the Environment</i> , 2022, 30, 631-643.	2.4	1
378	Marine and terrestrial endophytic fungi: a mine of bioactive xanthone compounds, recent progress, limitations, and novel applications. <i>Critical Reviews in Biotechnology</i> , 2022, 42, 403-430.	5.1	10
379	Antioxidant activity of <i>Garcinia mangostana</i> L and alpha mangostin: A Review. <i>Research Journal of Pharmacy and Technology</i> , 2021, , 4466-4470.	0.2	6
380	<i>Rosmarinus officinalis</i> essential oil modulates renal toxicity and oxidative stress induced by potassium dichromate in rats. <i>Journal of Trace Elements in Medicine and Biology</i> , 2021, 67, 126791.	1.5	21
381	The important role of benzylic C H bond in the antioxidant behaviours of the xanthenes. <i>Journal of Food Composition and Analysis</i> , 2021, 103, 104082.	1.9	4
382	Profiling cosmeceutical effects of various herbal extracts through elastase, collagenase, tyrosinase inhibitory and antioxidant assays. <i>Phytochemistry Letters</i> , 2021, 45, 171-183.	0.6	18
383	Structural alterations in the catalytic core of hSIRT2 enzyme predict therapeutic benefits of <i>Garcinia mangostana</i> derivatives in Alzheimer's disease: molecular dynamics simulation study. <i>RSC Advances</i> , 2021, 11, 8003-8018.	1.7	7
384	Preparation and characterizations of antibacterial antioxidant film from soy protein isolate incorporated with mangosteen peel extract. <i>E-Polymers</i> , 2021, 21, 575-589.	1.3	12
385	Hydrothermal extraction of antioxidant compounds from mangosteen pericarp with low-transition-temperature mixture and sonication pretreatment. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	2
386	Antimicrobial activity of <i>Garcinia mangostana</i> using different solvents extracts. <i>International Journal of Biosciences</i> , 2013, 3, 267-272.	0.4	9
387	Ethnobotany and conservation of indigenous edible fruit plants in South Aceh, Indonesia. <i>Biodiversitas</i> , 2020, 21, .	0.2	27



#	ARTICLE	IF	CITATIONS
388	Morphological variations of mangosteen fruits from Luzon and Mindanao Islands, the Philippines. Biodiversitas, 2020, 21, .	0.2	2

389 Structure Activity Relationship of Xanthones for Inhibition of Cyclin Dependent Kinase 4 from

#	ARTICLE	IF	CITATIONS
406	Indonesian mangosteen fruit ( <i>Garcinia mangostana</i> L.) peel extract inhibits <i>Streptococcus mutans</i> and <i>Porphyromonas gingivalis</i> in Biofilms In vitro. <i>Contemporary Clinical Dentistry</i> , 2019, 10, 123.	0.2	16
407	Biochemical evidence for the antitumor potential of <i>Garcinia mangostana</i> Linn. On diethylnitrosamine-induced hepatic carcinoma. <i>Pharmacognosy Magazine</i> , 2018, 14, 186.	0.3	13
408	Functional Ingredients Extraction from <i>Garcinia mangostana</i> Pericarp by Liquefied Dimethyl Ether. <i>Engineering Journal</i> , 2016, 20, 155-162.	0.5	7
409	Gc-Ms Analysis and Antibacterial Activity of Mangosteen Leaf Extracts against Plant Pathogenic Bacteria. <i>American Journal of Plant Sciences</i> , 2016, 07, 1013-1020.	0.3	9
411	Supplementation of Mangosteen Pericarp Meal and Vitamin E on Egg Quality and Blood Profile of Laying Hens. <i>Media Peternakan</i> , 2015, 38, 198-203.	0.3	2
412	<i>Garcinia subelliptica</i> (Fukugi): A Multi-purpose Coastal Tree with Promising Medicinal Properties. <i>Journal of Intercultural Ethnopharmacology</i> , 2017, 6, 121.	0.9	13
413	Ameliorating effects of <i>Garcinia mangostana</i> Linn pericarp extract on hepatic antioxidants in Diethyl nitrosamine (DEN) induced Hepatocellular Carcinoma (HCC). <i>Indian Journal of Pharmaceutical Education and Research</i> , 2015, 49, 329-337.	0.3	2
414	Pancreatic lipase and $\alpha$ -amylase inhibitory potential of mangosteen ( <i>Garcinia Mangostana</i> Linn.) pericarp extract. <i>International Journal of Medical Research and Health Sciences</i> , 2016, 5, 23.	0.1	12
415	Health and Wellness Product from Mangosteen ( <i>Garcinia mangostana</i> L.) Rind: Bioactive Potentials. <i>International Journal of Biotechnology for Wellness Industries</i> , 2014, 3, 111-120.	0.3	6
416	The Promise of Dried Fruits in Cancer Chemoprevention. <i>Asian Pacific Journal of Cancer Prevention</i> , 2014, 15, 3343-3352.	0.5	25
417	<i>In vitro</i> assessment of anti-proliferative effect induced by $\alpha$ -mangostin from <i>Cratoxylum arborescens</i> on HeLa cells. <i>PeerJ</i> , 2017, 5, e3460.	0.9	10
418	Alpha-mangostin inhibits the migration and invasion of A549 lung cancer cells. <i>PeerJ</i> , 2018, 6, e5027.	0.9	26
419	Gas Chromatography-Mass Spectrometry study of the pulp of <i>Garcinia tinctoria</i> fruit. <i>Emirates Journal of Food and Agriculture</i> , 2014, 26, 643.	1.0	1
420	Mucoadhesive film containing $\alpha$ -mangostin shows potential role in oral cancer treatment. <i>BMC Oral Health</i> , 2021, 21, 512.	0.8	4
421	Hydroxyxanthone ameliorates IL1 $\beta$ -induced epithelial barrier disruption in colonic-like cells by down-regulation of p-MLC expression. <i>Journal of Functional Foods</i> , 2021, 87, 104814.	1.6	0
422	Nutracosmeceutical Drinks: Innovation in Skin Functional Drinks. <i>Series in Cosmetic and Laser Therapy</i> , 2010, , 40-62.	0.0	0
423	Immunostimulatory, cytotoxic and antileishmanial activity of <i>Mammea africana</i> from Nigeria. <i>Journal of Natural Pharmaceuticals</i> , 2012, 3, 105.	0.8	0
424	In vitro development of embryogenic calli and embryogenic stages in suspension cultures of mangosteen ( <i>Garcinia mangostana</i> L.). <i>Journal of Medicinal Plants Research</i> , 2012, 6, .	0.2	0

#	ARTICLE	IF	CITATIONS
425	Exploring Plant and Agro-industrial Wastes for Antimicrobial Biochemicals. , 2014, , 335-365.		2
426	Capacidad antioxidante de cinco cultivares de mango ( <i>Mangifera indica</i> L.) y evaluación de su comportamiento en una matriz alimentaria. Revista Colombiana De Ciencias Hortícolas, 2014, 7, 161-172.	0.2	0
427	Profile of DNA Damage Protective Effect and Antioxidant Activity of Different Solvent Extracts from the Pericarp of <i>Garcinia Mangostana</i> . Journal of Food and Nutrition Sciences, 2015, 3, 1.	0.2	5
428	Effect of Mangosteen Pericarp Meal and Vitamin E Supplements on the Performance, Blood Profiles, Antioxidant Enzyme and HSP 70 Gene Expression of Laying Hens in Tropical Environment. International Journal of Poultry Science, 2015, 14, 570-576.	0.6	2
429	Health benefits of mangosteen. Nauka Przyroda Technologie, 2015, 9, .	0.1	0
431	Anti Cancer Activity of Active Substances from Mangosteen pericarp ( <i>Garcinia mangostana</i> Linn) against T47 D Cell Lines. , 2017, , .		0
432	The Preliminary Study on Safety of Using Mangosteen Peel Extract as Natural Herbs. Journal of Medical Science and Clinical Research, 2017, 5, .	0.0	2
433	Antihyperlipidemic Effects of Mangosteen ( <i>Garcinia mangostana</i> L.) Pericarp Ethanolic Extract In High-Carbohydrate Wistar Rats. Journal of Natural Remedies, 2017, 17, 1-9.	0.1	4
434	Antioxidant potency of mangosteen peel extract topical application in reversing reduced orthodontic brackets tensile strength after bleaching. Dental Journal: Majalah Kedokteran Gigi, 2017, 50, 199.	0.0	1
435	&lt;i>±&lt;/i>-Mangostin Promotes DAF-16-Mediated Thermotolerance in &lt;i>Caenorhabditis elegans&lt;/i>. Food and Nutrition Sciences (Print), 2018, 09, 693-702.	0.2	0
436	Potency of <i>Garcinia mangostana</i> L peel extract combined with demineralized freeze-dried bovine bone xenograft on IL-1 <sup>2</sup> expression, osteoblasts, and osteoclasts in alveolar bone. Dental Journal: Majalah Kedokteran Gigi, 2017, 50, 166.	0.0	0
437	Alpha Mangostin and Xanthone from Mangosteen ( <i>Garcinia mangostana</i> L.) Role on Insulin Tolerance and PPAR- <sup>3</sup> in Preclinical Model Diabetes Mellitus. Journal of Pharmacy and Nutrition Sciences (discontinued), 2018, 8, 83-90.	0.2	4
438	Cytotoxicity test of NaOCl and Mangosteen ( <i>Garcinia Mangostin</i> L.) peel extract used as an irrigation solution in human periodontal ligament fibroblast cells (HPdLFC). Dental Journal: Majalah Kedokteran Gigi, 2018, 51, 133-137.	0.0	1
439	Antimicrobial Effect of Ethanol Extract of <i>Garcinia mangostana</i> L. against <i>Enterococcus faecalis</i> Isolated from Human Oral Cavity. International Journal of Oral Biology: Official Journal of the Korean Academy of Oral Biology and the UCLA Dental Research Institute, 2018, 43, 129-132.	0.1	2
440	PHENOLIC CONTENT, ANTIOXIDANT ACTIVITY AND BIODIVERSITY CHANGES DURING SPONTANEOUS FERMENTATION OF CARICA PAPAYA LEAF. Jurnal Teknologi (Sciences and Engineering), 2019, 82, .	0.3	0
441	Synergistic antibacterial activity of alpha mangostin and resveratrol loaded polymer-based films against bacteria infected wound. Journal of Drug Delivery Science and Technology, 2020, 57, 101629.	1.4	4
442	Molecular docking studies of <sup>±</sup> -mangostin with oral cancer targets ARRB1, FLNA, CALM3 and HTT. Bioinformation, 2020, 16, 625-630.	0.2	2
443	Fabrication and Biological Assessment of Antidiabetic <sup>±</sup> -Mangostin Loaded Nanosponges: In Vitro, In Vivo, and In Silico Studies. Molecules, 2021, 26, 6633.	1.7	9

#	ARTICLE	IF	CITATIONS
444	Antibacterial potency of mangosteen pericarp extracts ( <i>Garcinia mangostana</i> L.) against <i>Fusobacterium nucleatum</i> . <i>Conservative Dentistry Journal</i> , 2020, 10, 44.	0.1	0
445	Evaluation of wound healing activity of alpha mangostin ointment in rats. <i>International Journal of Research in Pharmaceutical Sciences</i> , 2020, 11, 1080-1087.	0.0	3
446	Mangosteen ( <i>Garcinia mangostana</i> L.). , 2020, , 83-101.		1
447	Influence of New Synthetic Xanthenes on the Proliferation and Migration Potential of Cancer Cell Lines In Vitro. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2020, 19, 1949-1965.	0.9	2
448	Market Potential Evaluation for Local Herbal Extracts Used in Skincare Through the New Product Development Process. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
449	Efficacy of alpha-mangostin for antimicrobial activity against endodontopathogenic microorganisms in a multi-species bacterial-fungal biofilm model. <i>Archives of Oral Biology</i> , 2022, 133, 105304.	0.8	7
450	Evaluation of anti-epithelial-mesenchymal transition property of <i>Garcinia mangostana</i> rind extract. <i>Future Journal of Pharmaceutical Sciences</i> , 2021, 7, .	1.1	0
451	A review on phytochemical constituents, role on metabolic diseases, and toxicological assessments of underutilized part of <i>Garcinia mangostana</i> L. fruit. <i>Journal of Applied Pharmaceutical Science</i> , 0, , .	0.7	1
452	Garcinone-E exhibits anticancer effects in HeLa human cervical carcinoma cells mediated via programmed cell death, cell cycle arrest and suppression of cell migration and invasion. <i>AMB Express</i> , 2020, 10, 126.	1.4	10
453	The crystal structure of benzophenone synthase from <i>Garcinia mangostana</i> L. pericarps reveals the basis for substrate specificity and catalysis. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2020, 76, 597-603.	0.4	5
454	Mangosteen peel extract ( L.) as protective agent in glucose-induced mesangial cell as model of diabetic glomerulosclerosis. <i>Iranian Journal of Basic Medical Sciences</i> , 2018, 21, 972-977.	1.0	9
456	Science in liquid dietary supplement promotion: the misleading case of mangosteen juice. <i>Hawai'i Journal of Medicine &amp; Public Health: A Journal of Asia Pacific Medicine &amp; Public Health</i> , 2012, 71, 46-8.	0.4	4
457	Cellular antioxidative, cytotoxic, and antileishmanial activities of <i>Homalium letestui</i> . <i>Avicenna Journal of Phytomedicine</i> , 2013, 3, 35-44.	0.1	3
458	Structure activity relationship of xanthenes for inhibition of Cyclin Dependent Kinase 4 from mangosteen ( <i>Garcinia mangostana</i> L.). <i>International Journal of Nutrition</i> , 2019, 4, 38-45.	0.8	6
459	The Polyphenols $\alpha$ -Mangostin and Nordihydroguaiaretic Acid Induce Oxidative Stress, Cell Cycle Arrest, and Apoptosis in a Cellular Model of Medulloblastoma. <i>Molecules</i> , 2021, 26, 7230.	1.7	4
460	Inhibition test of mangosteen peel extract ( <i>Garcinia mangostana</i> L.) against bacterial diseases of tiger grouper ( <i>Epinephellus fuscoguttatus</i> ). <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 869, 012071.	0.2	0
461	$\beta$ -mangostin attenuates amyloid- $\beta$ 242-induced neuroinflammation and oxidative stress in microglia-like BV2 cells via the mitogen-activated protein kinases signaling pathway. <i>European Journal of Pharmacology</i> , 2022, 917, 174744.	1.7	6
462	Cytotoxic effects of <i>Garcinia mangostana</i> pericarp extract in cancer cell lines. <i>Current Drug Discovery Technologies</i> , 2022, 19, .	0.6	0

#	ARTICLE	IF	CITATIONS
463	Mangostanin, a Xanthone Derived from <i>Garcinia mangostana</i> Fruit, Exerts Protective and Reparative Effects on Oxidative Damage in Human Keratinocytes. <i>Pharmaceuticals</i> , 2022, 15, 84.	1.7	14
464	The purple mangosteen ( <i>Garcinia mangostana</i> ): Defining the anticancer potential of selected xanthones. <i>Pharmacological Research</i> , 2022, 175, 106032.	3.1	21
465	The effect of ethanolic extract of mangosteen peel to malondialdehyde level, colony number, and pulmonary damage level score of tuberculosis model rats. <i>Research Journal of Pharmacy and Technology</i> , 2021, , 6710-6714.	0.2	0
466	Alpha- $\alpha$ -mangostin and resveratrol, dual-drugs-loaded mucoadhesive thiolated chitosan-based nanoparticles for synergistic activity against colon cancer cells. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2022, 110, 1221-1233.	1.6	14
467	$\alpha$ -Mangostin Alleviated HIF-1-Mediated Angiogenesis in Rats With Adjuvant-Induced Arthritis by Suppressing Aerobic Glycolysis. <i>Frontiers in Pharmacology</i> , 2021, 12, 785586.	1.6	12
468	Structural diversity and biological activities of caged <i>Garcinia</i> xanthones: recent updates. , 2022, 1, .		8
469	Minor tropical fruits as a potential source of bioactive and functional foods. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 6491-6535.	5.4	21
470	Antioxidants of Fruit Extracts as Antimicrobial Agents against Pathogenic Bacteria. <i>Antioxidants</i> , 2022, 11, 602.	2.2	35
471	A Review on Synthetic and Pharmacological Potential of Compounds Isolated from <i>Garcinia mangostana</i> Linn. <i>Phytomedicine Plus</i> , 2022, 2, 100253.	0.9	4
472	Ethnobotanical Study on <i>Garcinia</i> (Clusiaceae) in China. <i>Acta Societatis Botanicorum Poloniae</i> , 0, 90, .	0.8	6
473	TARGETED DRUG DELIVERY SYSTEM; NANOPARTICLE BASED COMBINATION OF CHITOSAN AND ALGinate FOR CANCER THERAPY: A REVIEW. <i>International Journal of Applied Pharmaceutics</i> , 0, , 69-76.	0.3	2
474	Nanoemulsions containing <i>Garcinia mangostana</i> L. pericarp extract for topical applications: Development, characterization, and in vitro percutaneous penetration assay. <i>PLoS ONE</i> , 2021, 16, e0261792.	1.1	1
475	Wound Healing Functionality of Mangosteen Extracts on Viscose Fabric. <i>Textile &amp; Leather Review</i> , 0, 5, 147-164.	1.0	2
477	The Effect of $\alpha$ -Mangostin and Cisplatin on Ovarian Cancer Cells and the Microenvironment. <i>Biomedicines</i> , 2022, 10, 1116.	1.4	2
478	Increase of Healthy Food Quality among the Kazakhstan Population. <i>Journal of Pharmacy and Nutrition Sciences (discontinued)</i> , 2018, 8, 150-153.	0.2	1
479	The Potential of $\alpha$ -Mangostin from <i>Garcinia mangostana</i> as an Effective Antimicrobial Agent—A Systematic Review and Meta-Analysis. <i>Antibiotics</i> , 2022, 11, 717.	1.5	7
480	Influence of blend ratio and mangosteen extract in chitosan/collagen gels and scaffolds: Rheological and release studies. <i>Carbohydrate Polymers</i> , 2022, 292, 119647.	5.1	11
481	Polyherbal formulation exerts wound healing, anti-inflammatory, angiogenic and antimicrobial properties: Potential role in the treatment of diabetic foot ulcers. <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 103330.	1.8	7

#	ARTICLE	IF	CITATIONS
482	The Role of Herbal Medicine in the Treatment of Acne Vulgaris: A Systematic Review of Clinical Trials. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-22.	0.5	3
483	A Randomized Controlled Trial of Thai Medicinal Plant-4 Cream versus Diclofenac Gel in the Management of Symptomatic Osteoarthritis of the Knee. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-11.	0.5	2
484	Comparative Dynamic Features of Apo and Bound MDM2 Protein Reveal the Mechanism of Inhibitor Recognition for Anti-Cancer Activity. Current Medicinal Chemistry, 2023, 30, 1193-1206.	1.2	0
485	ALPHA-MANGOSTIN ( <i>Garcinia mangostana</i> Linn.) AND ITS POTENTIAL APPLICATION IN MITIGATING CHRONIC WOUND HEALING. , 2022, 51, 1-8.		2
486	Recent Update on Active Biological Molecules in Generating the Anticancerous Therapeutic Potential of <i>Garcinia mangostana</i> . Applied Biochemistry and Biotechnology, 2022, 194, 4724-4744.	1.4	2
487	In Vitro and In Vivo Bactericidal and Antibiofilm Efficacy of Alpha Mangostin Against <i>Staphylococcus aureus</i> Persister Cells. Frontiers in Cellular and Infection Microbiology, 0, 12, .	1.8	13
488	The origin of mangosteen: A review. Genetic Resources and Crop Evolution, 2022, 69, 2291-2299.	0.8	3
489	The metabolic and molecular mechanisms of mangostin in cardiometabolic disorders (Review). International Journal of Molecular Medicine, 2022, 50, .	1.8	7
490	Hypoglycemic Activity of Plant-Derived Traditional Preparations Associated with Surinamese from African, Hindustani, Javanese, and Chinese Origin: Potential Efficacy in the Management of Diabetes Mellitus. , 0, , .		0
491	Microtubule-affinity regulating kinase 4: A potential drug target for cancer therapy. Cellular Signalling, 2022, 99, 110434.	1.7	10
492	Recent advancement of bioinspired nanomaterials and their applications: A review. Frontiers in Bioengineering and Biotechnology, 0, 10, .	2.0	5
493	Advances in the Application of Electrospun Drug-Loaded Nanofibers in the Treatment of Oral Ulcers. Biomolecules, 2022, 12, 1254.	1.8	41
494	Homology Modeling, Molecular Docking, Molecular Dynamic Simulation, and Drug-Likeness of the Modified Alpha-Mangostin against the $\beta$ -Tubulin Protein of <i>Acanthamoeba Keratitis</i> . Molecules, 2022, 27, 6338.	1.7	12
496	The Mangosteen Genome. Compendium of Plant Genomes, 2022, , 111-129.	0.3	0
497	The Potential of Coconut By-Products to Foster Food Security and Sustainability in Sri Lanka. , 2022, , 251-266.		0
498	Phytochemicals and Biological Activities of <i>Garcinia atroviridis</i> : A Critical Review. Toxics, 2022, 10, 656.	1.6	11
499	Synergism between Extracts of <i>Garcinia mangostana</i> Pericarp and Curcuma in Ameliorating Altered Brain Neurotransmitters, Systemic Inflammation, and Leptin Levels in High-Fat Diet-Induced Obesity in Male Wistar Albino Rats. Nutrients, 2022, 14, 4630.	1.7	2
500	Therapeutic Potency of Ginger, Garlic, and Pomegranate Extracts Against <i>Cryptosporidium parvum</i> -Mediated Gastro-Splenic Damage in Mice. Acta Parasitologica, 0, , .	0.4	0

#	ARTICLE	IF	CITATIONS
501	Garcixanthone E and Garcimangophenone C: New Metabolites from <i>Garcinia mangostana</i> and Their Cytotoxic and Alpha Amylase Inhibitory Potential. <i>Life</i> , 2022, 12, 1875.	1.1	3
502	Alginate/pectin dressing with niosomal mangosteen extract for enhanced wound healing: evaluating skin irritation by structure-activity relationship. <i>Heliyon</i> , 2022, 8, e12032.	1.4	11
503	Mangosteen Pericarp Extract Supplementation Boosts Antioxidant Status via Rebuilding Gut Microbiota to Attenuate Motor Deficit in 6-OHDA-Induced Parkinson's Disease. <i>Antioxidants</i> , 2022, 11, 2396.	2.2	0
504	<i>Garcinia mangostana</i> Pericarp Extracts and $\pm$ -Mangostin in Hair Care: An Insight into Their Potential as Functional Ingredients and the Biological Properties. <i>Natural Products Journal</i> , 2022, 13, .	0.1	0
505	Mangosteen vinegar from <i>Garcinia mangostana</i> : quality improvement and antioxidant properties. <i>Heliyon</i> , 2022, 8, e11943.	1.4	3
506	Garcinone E Mitigates Oxidative Inflammatory Response and Protects against Experimental Autoimmune Hepatitis via Modulation of Nrf2/HO-1, NF- $\kappa$ B and TNF- $\alpha$ /JNK Axis. <i>Nutrients</i> , 2023, 15, 16.	1.7	3
507	Recent Advances on Natural and Non-Natural Xanthenes as Potential Anticancer Agents: A Review. <i>Medicinal Chemistry</i> , 2023, 19, 757-784.	0.7	2
508	Hypouricemic Actions of the Pericarp of Mangosteen <i>in Vitro</i> and <i>in Vivo</i> . <i>Journal of Natural Products</i> , 0, , .	1.5	2
509	Detoxification of Toxic Organic Dye by Heteroatom-Doped Fluorescent Carbon Dots Prepared by Green Hydrothermal Method Using <i>Garcinia mangostana</i> Extract. <i>Agronomy</i> , 2023, 13, 205.	1.3	5
510	The chemical composition of coconut sap at different tapping condition. <i>AIP Conference Proceedings</i> , 2023, , .	0.3	0
511	Fruits and their phytochemicals in mitigating the ill effects of ionizing radiation: review on the existing scientific evidence and way forward. <i>Food and Function</i> , 2023, 14, 1290-1319.	2.1	3
512	Gartanin enhances TRAIL-mediated liver cancer cell death through DR5 upregulation and autophagy activation. <i>Journal of Applied Biological Chemistry</i> , 0, 66, .	0.2	1
513	Formulation optimization of sterilized xanthenes-loaded nanoemulsions and evaluation of their wound healing activities. <i>International Journal of Pharmaceutics</i> , 2023, 636, 122812.	2.6	0
514	Nanoparticles loaded with pharmacologically active plant-derived natural products: Biomedical applications and toxicity. <i>Colloids and Surfaces B: Biointerfaces</i> , 2023, 225, 113214.	2.5	5
515	Exploring the peri- and stereo- selectivities of the cycloaddition reaction of 2-(2- Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 192 Td (dimethyl) dimethylacetylenedicarboxylate (DMAD) - A DFT study. <i>Journal of Molecular Graphics and Modelling</i> , 2023, 121, 108451.	1.3	0
516	Garcinone E triggers apoptosis and cell cycle arrest in human colorectal cancer cells by mediating a reactive oxygen species-dependent JNK signaling pathway. <i>Biomedicine and Pharmacotherapy</i> , 2023, 162, 114617.	2.5	4
517	GC-TOF-MS-based metabolomics correlated with bioactivity assays unveiled seasonal variations in leaf essential oils of two species in <i>Garcinia L.</i> <i>Industrial Crops and Products</i> , 2023, 194, 116356.	2.5	0
518	Antibacterial Property and Biodegradation of PLA/PBS Nonwoven Fabric Coated with Mangosteen Pericarp Extract. <i>Journal of Polymers and the Environment</i> , 2023, 31, 3070-3080.	2.4	2



#	ARTICLE	IF	CITATIONS
519	Concentrating <i>Garcinia mangostana</i> L. rind extract using sequential ultrafiltration and nanofiltration. <i>Biomass Conversion and Biorefinery</i> , 0, , .	2.9	1
520	Inhibition of liver fibrosis by sensitization of human hepatic stellate cells by combined treatment with galatanin and TARIL. <i>Journal of Applied Biological Chemistry</i> , 0, 66, .	0.2	0
529	Recent advances in the discovery of plant-derived antimicrobial natural products to combat antimicrobial resistant pathogens: insights from 2018â€“2022. <i>Natural Product Reports</i> , 2023, 40, 1271-1290.	5.2	5
534	Antioxidant activity of Mannich bases derived from natural and synthetic phenols. <i>Russian Chemical Bulletin</i> , 2023, 72, 1972-1990.	0.4	0
541	Bioinspired Nanomaterials. , 2023, , 329-347.		1
543	Mangosteen ( <i>Garcinia mangostana</i> L.). , 2023, , 1-22.		0
544	Chemopreventive Practices in Traditional Medicine. <i>Reference Series in Phytochemistry</i> , 2023, , 1-54.	0.2	0
546	Extraction of bioactive compound from mangosteen peel ( <i>Garcinia mangostana</i> L.) using ternary system solvent. <i>AIP Conference Proceedings</i> , 2023, , .	0.3	0
549	Hydrogel film sheets-based medicinal plants for diabetic wound dressing application: A review. <i>AIP Conference Proceedings</i> , 2024, , .	0.3	0