

Kalyanam Nagabushnam

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

2,123
citations

236612

25
h-index

264894

42
g-index

93
all docs

93
docs citations

93
times ranked

2850
citing authors

#	ARTICLE	IF	CITATIONS
1	Calebin-A prevents HFD-induced obesity in mice by promoting thermogenesis and modulating gut microbiota. <i>Journal of Traditional and Complementary Medicine</i> , 2023, 13, 119-127.	1.5	10
2	Cardioprotective Effects of <i>Oroxylum indicum</i> Extract Against Doxorubicin and Cyclophosphamide-Induced Cardiotoxicity. <i>Cardiovascular Toxicology</i> , 2022, 22, 67-77.	1.1	8
3	S-allylcysteine Ameliorates Aging Features via Regulating Mitochondrial Dynamics in Naturally Aged C57BL/6J Mice. <i>Molecular Nutrition and Food Research</i> , 2022, , 2101077.	1.5	3
4	The Anti-Obesity Potential of <i>Cyperus rotundus</i> Extract Containing Piceatannol, Scirpusin A and Scirpusin B Rhizomes: Preclinical and Clinical Evaluations. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2022, Volume 15, 369-382.	1.1	8
5	Pterostilbene and Its Derivative 3- ² -Hydroxypterostilbene Ameliorated Nonalcoholic Fatty Liver Disease Through Synergistic Modulation of the Gut Microbiota and SIRT1/AMPK Signaling Pathway. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 4966-4980.	2.4	20
6	Can Selenium Reduce the Susceptibility and Severity of SARS-CoV-2? A Comprehensive Review. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4809.	1.8	9
7	The Anti-Obesity and Anti-Inflammatory Capabilities of Pterostilbene and its Colonic Metabolite Pinostilbene Protect against Tight Junction Disruption from Western Diet Feeding. <i>Molecular Nutrition and Food Research</i> , 2022, 66, .	1.5	8
8	An exploratory study of selenium status in healthy individuals and in patients with COVID-19 in a south Indian population: The case for adequate selenium status. <i>Nutrition</i> , 2021, 82, 111053.	1.1	67
9	An Open-Label Pilot Study on Macumax Supplementation for Dry-Type Age-Related Macular Degeneration. <i>Journal of Medicinal Food</i> , 2021, 24, 551-557.	0.8	4
10	3- ² -Hydroxypterostilbene Inhibits 7,12-Dimethylbenz[a]anthracene (DMBA)/12-O-Tetradecanoylphorbol-13-Acetate (TPA)-Induced Mouse Skin Carcinogenesis. <i>Phytomedicine</i> , 2021, 81, 153432.	2.3	6
11	An unambiguous and practical synthesis of Oroxylin A: a commonly misidentified flavone. <i>Natural Product Research</i> , 2021, 35, 1413-1420.	1.0	10
12	Hepatoprotective effect of piceatannol against carbon tetrachloride-induced liver fibrosis in mice. <i>Food and Function</i> , 2021, 12, 11229-11240.	2.1	4
13	Lesser Investigated Natural Ingredients for the Management of Obesity. <i>Nutrients</i> , 2021, 13, 510.	1.7	7
14	Molecular Mechanisms of the Anti-obesity Properties of <i>Agardhiella subulata</i> in Mice Fed a High-Fat Diet. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 4745-4754.	2.4	8
15	<i>Coleus forskohlii</i> and <i>Garcinia indica</i> extracts attenuated lipid accumulation by regulating energy metabolism and modulating gut microbiota in obese mice. <i>Food Research International</i> , 2021, 142, 110143.	2.9	9
16	Antiepileptic effects of <i>Oroxylum indicum</i> extract in a valid (kainic acid-administered) rodent model of epilepsy. <i>FASEB Journal</i> , 2021, 35, .	0.2	0
17	<i>Oroxylum indicum</i> Extract, at a Physiologically Relevant Dosage, Does Not Induce Hepatotoxicity in C57BL/6J Mice. <i>Natural Product Communications</i> , 2021, 16, 1934578X2110169.	0.2	2
18	<i>Oroxylum indicum</i> extract, at a physiologically relevant dosage, does not induce hepatotoxicity in C57BL/6J mice. <i>FASEB Journal</i> , 2021, 35, .	0.2	0

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19	Cardioprotective effects of <i>Oroxylum indicum</i> extract against chemotherapeutics-induced cardiotoxicity. <i>FASEB Journal</i> , 2021, 35, .	0.2	0
20	<i>Oroxylum Indicum</i> ameliorates chemotherapy induced cognitive impairment. <i>PLoS ONE</i> , 2021, 16, e0252522.	1.1	11
21	Pterostilbene Attenuates High-Fat Diet and Dextran Sulfate Sodium-Induced Colitis via Suppressing Inflammation and Intestinal Fibrosis in Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 7093-7103.	2.4	19
22	Inhibitory Effect of Garcinol on Obesity-Exacerbated, Colitis-Mediated Colon Carcinogenesis. <i>Molecular Nutrition and Food Research</i> , 2021, 65, e2100410.	1.5	5
23	A Natural Degradant of Curcumin, Feruloylacetone Inhibits Cell Proliferation via Inducing Cell Cycle Arrest and a Mitochondrial Apoptotic Pathway in HCT116 Colon Cancer Cells. <i>Molecules</i> , 2021, 26, 4884.	1.7	9
24	Dietary Pterostilbene and Resveratrol Modulate the Gut Microbiota Influenced by Circadian Rhythm Dysregulation. <i>Molecular Nutrition and Food Research</i> , 2021, 65, e2100434.	1.5	14
25	<i>Boswellia serrata</i> Extract Containing 30% 3-Acetyl-11-Keto-Boswellic Acid Attenuates Inflammatory Mediators and Preserves Extracellular Matrix in Collagen-Induced Arthritis. <i>Frontiers in Physiology</i> , 2021, 12, 735247.	1.3	14
26	A new metabolite: The effects of aminated tetrahydrocurcumin on inducible nitric oxide synthase and cyclooxygenase-2. <i>Journal of Cancer Research and Practice</i> , 2021, 8, 41.	0.2	2
27	Oxyresveratrol inhibits human colon cancer cell migration through regulating epithelial-mesenchymal transition and microRNA. <i>Food and Function</i> , 2021, 12, 9658-9668.	2.1	16
28	A Randomized, Double-Blind, Placebo-Controlled Study to Assess the Efficacy and Safety of a Nutritional Supplement (ImmuActive™) for COVID-19 Patients. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-9.	0.5	8
29	Standardized <i>Emblca officinalis</i> fruit extract inhibited the activities of α -amylase, α -glucosidase, and dipeptidyl peptidase-4 and displayed antioxidant potential. <i>Journal of the Science of Food and Agriculture</i> , 2020, 100, 509-516.	1.7	39
30	Clinical Study to Evaluate the Efficacy and Safety of a Hair Serum Product in Healthy Adult Male and Female Volunteers with Hair Fall. <i>Clinical, Cosmetic and Investigational Dermatology</i> , 2020, Volume 13, 691-700.	0.8	13
31	Skin Protective Activity of LactoSporin-the Extracellular Metabolite from <i>Bacillus Coagulans</i> MTCC 5856. <i>Cosmetics</i> , 2020, 7, 76.	1.5	16
32	Novel Topical Application of a Postbiotic, LactoSporin®, in Mild to Moderate Acne: A Randomized, Comparative Clinical Study to Evaluate its Efficacy, Tolerability and Safety. <i>Cosmetics</i> , 2020, 7, 70.	1.5	30
33	S-Allylcysteine Inhibits PhIP/DSS-Induced Colon Carcinogenesis through Mitigating Inflammation, Targeting Keap1, and Modulating Microbiota Composition in Mice. <i>Molecular Nutrition and Food Research</i> , 2020, 64, 2000576.	1.5	6
34	3-Hydroxydaidzein Improves Obesity Through the Induced Browning of Beige Adipose and Modulation of Gut Microbiota in Mice with Obesity Induced by a High-Fat Diet. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 14513-14522.	2.4	15
35	Efficacy and Safety of Tetrahydrocurcuminoids for the Treatment of Canker Sore and Gingivitis. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-10.	0.5	2
36	Novel Combinatorial Regimen of Garcinol and Curcuminoids for Non-alcoholic Steatohepatitis (NASH) in Mice. <i>Scientific Reports</i> , 2020, 10, 7440.	1.6	8

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37	Garcinia indica extract standardized for 20% Garcinol reduces adipogenesis and high fat diet-induced obesity in mice by alleviating endoplasmic reticulum stress. Journal of Functional Foods, 2020, 67, 103863.	1.6	12
38	3- ³ -Hydroxypterostilbene Potently Alleviates Obesity Exacerbated Colitis in Mice. Journal of Agricultural and Food Chemistry, 2020, 68, 5365-5374.	2.4	6
39	Oroxylum indicum extract prevents chemotherapy-induced cognitive impairment in mice. FASEB Journal, 2020, 34, 1-1.	0.2	2
40	Oroxylum indicum extract does not induce hepatotoxicity in mice. FASEB Journal, 2020, 34, 1-1.	0.2	0
41	Pterostilbene Inhibits Adipocyte Conditioned-Medium-Induced Colorectal Cancer Cell Migration through Targeting FABP5-Related Signaling Pathway. Journal of Agricultural and Food Chemistry, 2019, 67, 10321-10329.	2.4	20
42	Prevention of Vascular Inflammation by Pterostilbene via Trimethylamine-N-Oxide Reduction and Mechanism of Microbiota Regulation. Molecular Nutrition and Food Research, 2019, 63, e1900514.	1.5	19
43	Calebin-A, a Curcuminoid Analog Inhibits α -MSH-Induced Melanogenesis in B16F10 Mouse Melanoma Cells. Cosmetics, 2019, 6, 51.	1.5	10
44	Front cover: Garcinol Reduces Obesity in High-Fat Diet-Fed Mice by Modulating Gut Microbiota Composition. Molecular Nutrition and Food Research, 2019, 63, 1970003.	1.5	5
45	A pilot, randomized, double-blind, placebo-controlled trial to assess the safety and efficacy of a novel <i>Boswellia serrata</i> extract in the management of osteoarthritis of the knee. Phytotherapy Research, 2019, 33, 1457-1468.	2.8	70
46	Resveratrol and Oxyresveratrol Activate Thermogenesis via Different Transcriptional Coactivators in High-Fat Diet-Induced Obese Mice. Journal of Agricultural and Food Chemistry, 2019, 67, 13605-13616.	2.4	27
47	Evaluation of the <i>in vitro</i> cholesterol-lowering activity of the probiotic strain <i>Bacillus coagulans</i> MTCC 5856. International Journal of Food Science and Technology, 2019, 54, 212-220.	1.3	19
48	Calebin-A induced death of malignant peripheral nerve sheath tumor cells by activation of histone acetyltransferase. Phytomedicine, 2019, 57, 377-384.	2.3	30
49	Garcinol Reduces Obesity in High-Fat Diet-Fed Mice by Modulating Gut Microbiota Composition. Molecular Nutrition and Food Research, 2019, 63, e1800390.	1.5	39
50	Evaluation of probiotic <i>Bacillus coagulans</i> MTCC 5856 viability after tea and coffee brewing and its growth in GIT hostile environment. Food Research International, 2019, 121, 497-505.	2.9	32
51	Cranberry seed fibre: a promising prebiotic fibre and its fermentation by the probiotic <i>Bacillus coagulans</i> MTCC 5856. International Journal of Food Science and Technology, 2018, 53, 1640-1647.	1.3	25
52	Galactomannan from <i>Trigonella foenum-graecum</i> L. seed: Prebiotic application and its fermentation by the probiotic <i>Bacillus coagulans</i> strain MTCC 5856. Food Science and Nutrition, 2018, 6, 666-673.	1.5	34
53	Highly Oxygenated 11-Keto- ¹² -Boswellic Acid Analogues and Their Anti-Inflammatory Potential. ChemistrySelect, 2018, 3, 3087-3091.	0.7	1
54	<i>In vitro</i> anti-acne activity of phytoactives from the stem bark of <i>Artocarpus hirsutus</i> Lam. and characterisation of pyranocycloartobioxanthone A as a mixture of two anomers. Natural Product Research, 2018, 32, 2116-2120.	1.0	4

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55	Evaluation of the Safety and Efficacy of a Multienzyme Complex in Patients with Functional Dyspepsia: A Randomized, Double-Blind, Placebo-Controlled Study. <i>Journal of Medicinal Food</i> , 2018, 21, 1120-1128.	0.8	10
56	<i>Bacillus coagulans</i> MTCC 5856 for the management of major depression with irritable bowel syndrome: a randomised, double-blind, placebo controlled, multi-centre, pilot clinical study. <i>Food and Nutrition Research</i> , 2018, 62, .	1.2	112
57	Rapid assessment of viable but non-culturable <i>Bacillus coagulans</i> MTCC 5856 in commercial formulations using Flow cytometry. <i>PLoS ONE</i> , 2018, 13, e0192836.	1.1	17
58	Garcinol sensitizes breast cancer cells to Taxol through the suppression of caspase-3/iPLA ₂ and NF- κ B/Twist1 signaling pathways in a mouse 4T1 breast tumor model. <i>Food and Function</i> , 2017, 8, 1067-1079.	2.1	35
59	3 β -Hydroxypterostilbene Suppresses Colitis-Associated Tumorigenesis by Inhibition of IL-6/STAT3 Signaling in Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 9655-9664.	2.4	20
60	Comparative chemical fingerprinting of <i>Oroxylum indicum</i> and <i>Scutellaria baicalensis</i> using liquid chromatography and mass spectrometry. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2017, 40, 732-740.	0.5	3
61	An Expeditious, Green and Protecting-Group-Free Synthesis of a Potent Secondary Metabolite Calebin-A and Its Analogues. <i>SynOpen</i> , 2017, 01, 0125-0128.	0.8	4
62	Disparate Effects of Stilbenoid Polyphenols on Hypertrophic Cardiomyocytes In Vitro vs. in the Spontaneously Hypertensive Heart Failure Rat. <i>Molecules</i> , 2017, 22, 204.	1.7	12
63	Disposition, Metabolism and Histone Deacetylase and Acetyltransferase Inhibition Activity of Tetrahydrocurcumin and Other Curcuminoids. <i>Pharmaceutics</i> , 2017, 9, 45.	2.0	21
64	Preparation of Calebin-A Liposomes and its Antiproliferation in Human Cancer Cells. <i>Journal of Analytical & Pharmaceutical Research</i> , 2017, 5, .	0.3	3
65	A Double-Blind, Placebo-Controlled, Parallel Study Evaluating the Safety of <i>Bacillus coagulans</i> MTCC 5856 in Healthy Individuals. , 2016, 06, .		13
66	Piceatannol Exerts Anti-Obesity Effects in C57BL/6 Mice through Modulating Adipogenic Proteins and Gut Microbiota. <i>Molecules</i> , 2016, 21, 1419.	1.7	72
67	Calebin-A induces cell cycle arrest in human colon cancer cells and xenografts in nude mice. <i>Journal of Functional Foods</i> , 2016, 26, 781-791.	1.6	11
68	Evaluation of the stability of <i>Bacillus coagulans</i> MTCC 5856 during processing and storage of functional foods. <i>International Journal of Food Science and Technology</i> , 2016, 51, 894-901.	1.3	54
69	Bisdemethoxycurcumin Inhibits Adipogenesis in 3T3-L1 Preadipocytes and Suppresses Obesity in High-Fat Diet-Fed C57BL/6 Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 821-830.	2.4	28
70	Evaluation of genetic and phenotypic consistency of <i>Bacillus coagulans</i> MTCC 5856: a commercial probiotic strain. <i>World Journal of Microbiology and Biotechnology</i> , 2016, 32, 60.	1.7	36
71	<i>Bacillus coagulans</i> MTCC 5856 supplementation in the management of diarrhea predominant Irritable Bowel Syndrome: a double blind randomized placebo controlled pilot clinical study. <i>Nutrition Journal</i> , 2015, 15, 21.	1.5	84
72	Calebin A: Analytical Development for Pharmacokinetics Study, Elucidation of Pharmacological Activities and Content Analysis of Natural Health Products. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2015, 18, 494.	0.9	12

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73	Synthesis and Evaluation of the Anti-Oxidant Capacity of Curcumin Glucuronides, the Major Curcumin Metabolites. <i>Antioxidants</i> , 2015, 4, 750-767.	2.2	37
74	A Double-blind, Randomized Clinical Trial to Evaluate the Efficacy and Safety of Forskolin Eye Drops 1% in the Treatment of Open Angle Glaucoma ? A Comparative Study. <i>Journal of Clinical Trials</i> , 2015, 04, .	0.1	3
75	Investigation of repeated dose (90 day) oral toxicity, reproductive/developmental toxicity and mutagenic potential of "Calebin A"™. <i>Toxicology Reports</i> , 2015, 2, 580-589.	1.6	8
76	Calebin A inhibits adipogenesis and hepatic steatosis in high fat diet induced obesity via activation of AMPK signaling. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 1883-1895.	1.5	39
77	Efficacy and safety of 1% forskolin eye drops in open angle glaucoma " An open label study. <i>Saudi Journal of Ophthalmology</i> , 2015, 29, 197-200.	0.3	22
78	Potent Anti-Cancer Effect of 3- ² -Hydroxypterostilbene in Human Colon Xenograft Tumors. <i>PLoS ONE</i> , 2014, 9, e111814.	1.1	34
79	Targeting beta-Catenin signaling to induce apoptosis in human breast cancer cells by z-Guggulsterone and Gugulipid extract of Ayurvedic medicine plant <i>Commiphora mukul</i> . <i>BMC Complementary and Alternative Medicine</i> , 2013, 13, 203.	3.7	38
80	Inotilone suppresses phorbol ester induced inflammation and tumor promotion in mouse skin. <i>Molecular Nutrition and Food Research</i> , 2012, 56, 1324-1332.	1.5	7
81	Pterostilbene Is More Potent than Resveratrol in Preventing Azoxy methane (AOM)-Induced Colon Tumorigenesis via Activation of the NF-E2-Related Factor 2 (Nrf2)-Mediated Antioxidant Signaling Pathway. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 2725-2733.	2.4	173
82	Se-methylselenocysteine inhibits lipopolysaccharide induced NF- κ B activation and iNOS induction in RAW 264.7 murine macrophages. <i>Molecular Nutrition and Food Research</i> , 2011, 55, 723-732.	1.5	26
83	Tetrahydrocurcumin is more effective than curcumin in preventing azoxymethane induced colon carcinogenesis. <i>Molecular Nutrition and Food Research</i> , 2011, 55, 1819-1828.	1.5	82
84	Tetrahydrocurcumin, a major metabolite of curcumin, induced autophagic cell death through coordinative modulation of PI3K/Akt-mTOR and MAPK signaling pathways in human leukemia HL60 cells. <i>Molecular Nutrition and Food Research</i> , 2011, 55, 1646-1654.	1.5	93
85	Garcinol inhibits cell growth in hepatocellular carcinoma Hep3B cells through induction of ROS-dependent apoptosis. <i>Food and Function</i> , 2010, 1, 301.	2.1	44
86	Differential inhibitory effects of inotilone on inflammatory mediators, inducible nitric oxide synthase and cyclooxygenase-2, in LPS stimulated murine macrophage. <i>Molecular Nutrition and Food Research</i> , 2009, 53, 1386-1395.	1.5	16
87	Ascorbic Acid and Tannins from <i>Emblica officinalis</i> Gaertn. Fruits "A Revisit. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 220-225.	2.4	45
88	Pterostilbene Induces Apoptosis and Cell Cycle Arrest in Human Gastric Carcinoma Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 7777-7785.	2.4	135
89	Piceatannol prevents colon cancer progression via dual targeting to M2 polarized tumor associated macrophages and the TGF- β 1 positive feedback signaling pathway. <i>Molecular Nutrition and Food Research</i> , 0, , 2200248.	1.5	4
90	S-allylcysteine Potently Protects against PhIP Induced DNA Damage via Nrf2/AhR Signaling Pathway Modulation in Normal Human Colonic Mucosal Epithelial Cells. <i>Molecular Nutrition and Food Research</i> , 0, , 2101141.	1.5	2