

Kalyanam Nagabushnam

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2141025/publications.pdf>

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	Pterostilbene Is More Potent than Resveratrol in Preventing Azoxymethane (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
2	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
3	<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
4	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
5	<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
6	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
7	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
8	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. <i>Phytotherapy Research</i> , 2019, 33, 1457-1468.	2.8	70
9	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
10	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
11	Ascorbic Acid and Tannins from <i>Emblca officinalis</i> Gaertn. Fruits—A Revisit. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 220-225.	2.4	45
12	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
13	Calebinin 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
14	Garcinol Reduces Obesity in High-Fat Diet-Fed Mice by Modulating Gut Microbiota Composition. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1800390.	1.5	39
15	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
16	Targeting beta-Catenin signaling to induce apoptosis in human breast cancer cells by z-Guggulsterone and Guggulipid extract of Ayurvedic medicine plant <i>Commiphora mukul</i> . <i>BMC Complementary and Alternative Medicine</i> , 2013, 13, 203.	3.7	38
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	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. Food and Function, 2017, 8, 1067-1079.	2.1	35
20	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
21	Potent Anti-Cancer Effect of 3 β -Hydroxypterostilbene in Human Colon Xenograft Tumors. PLoS ONE, 2014, 9, e111814.	1.1	34
22	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
23	Calebin-A induced death of malignant peripheral nerve sheath tumor cells by activation of histone acetyltransferase. Phytomedicine, 2019, 57, 377-384.	2.3	30
24	Novel Topical Application of a Postbiotic, LactoSporin [®] , in Mild to Moderate Acne: A Randomized, Comparative Clinical Study to Evaluate its Efficacy, Tolerability and Safety. Cosmetics, 2020, 7, 70.	1.5	30
25	Bisdemethoxycurcumin Inhibits Adipogenesis in 3T3-L1 Preadipocytes and Suppresses Obesity in High-Fat Diet-Fed C57BL/6 Mice. Journal of Agricultural and Food Chemistry, 2016, 64, 821-830.	2.4	28
26	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
27	Seamethylselenocysteine inhibits lipopolysaccharide-induced NF κ B activation and iNOS induction in RAW 264.7 murine macrophages. Molecular Nutrition and Food Research, 2011, 55, 723-732.	1.5	26
28	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
29	Efficacy and safety of 1% forskolin eye drops in open angle glaucoma – An open label study. Saudi Journal of Ophthalmology, 2015, 29, 197-200.	0.3	22
30	Disposition, Metabolism and Histone Deacetylase and Acetyltransferase Inhibition Activity of Tetrahydrocurcumin and Other Curcuminoids. Pharmaceutics, 2017, 9, 45.	2.0	21
31	3 β -Hydroxypterostilbene Suppresses Colitis-Associated Tumorigenesis by Inhibition of IL-6/STAT3 Signaling in Mice. Journal of Agricultural and Food Chemistry, 2017, 65, 9655-9664.	2.4	20
32	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
33	Pterostilbene and Its Derivative 3 β -Hydroxypterostilbene Ameliorated Nonalcoholic Fatty Liver Disease Through Synergistic Modulation of the Gut Microbiota and SIRT1/AMPK Signaling Pathway. Journal of Agricultural and Food Chemistry, 2022, 70, 4966-4980.	2.4	20
34	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
35	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
36	Pterostilbene Attenuates High-Fat Diet and Dextran Sulfate Sodium-Induced Colitis via Suppressing Inflammation and Intestinal Fibrosis in Mice. Journal of Agricultural and Food Chemistry, 2021, 69, 7093-7103.	2.4	19

#	ARTICLE	IF	CITATIONS
37	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
38	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
39	Skin Protective Activity of LactoSporin-the Extracellular Metabolite from <i>Bacillus Coagulans</i> MTCC 5856. <i>Cosmetics</i> , 2020, 7, 76.	1.5	16
40	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
41	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
42	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
43	<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
44	A Double-Blind, Placebo-Controlled, Parallel Study Evaluating the Safety of <i>Bacillus coagulans</i> MTCC 5856 in Healthy Individuals. , 2016, 06, .		13
45	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
46	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
47	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
48	<i>Garcinia indica</i> extract standardized for 20% Garcinol reduces adipogenesis and high fat diet-induced obesity in mice by alleviating endoplasmic reticulum stress. <i>Journal of Functional Foods</i> , 2020, 67, 103863.	1.6	12
49	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
50	<i>Oroxylum Indicum</i> ameliorates chemotherapy induced cognitive impairment. <i>PLoS ONE</i> , 2021, 16, e0252522.	1.1	11
51	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
52	Calebin-A, a Curcuminoid Analog Inhibits α -MSH-Induced Melanogenesis in B16F10 Mouse Melanoma Cells. <i>Cosmetics</i> , 2019, 6, 51.	1.5	10
53	An unambiguous and practical synthesis of Oroxylum A: a commonly misidentified flavone. <i>Natural Product Research</i> , 2021, 35, 1413-1420.	1.0	10
54	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

#	ARTICLE	IF	CITATIONS
55	Coleus forskohlii and Garcinia indica extracts attenuated lipid accumulation by regulating energy metabolism and modulating gut microbiota in obese mice. Food Research International, 2021, 142, 110143.	2.9	9
56	A Natural Degradant of Curcumin, Feruloylacetone Inhibits Cell Proliferation via Inducing Cell Cycle Arrest and a Mitochondrial Apoptotic Pathway in HCT116 Colon Cancer Cells. Molecules, 2021, 26, 4884.	1.7	9
57	Can Selenium Reduce the Susceptibility and Severity of SARS-CoV-2? A Comprehensive Review. International Journal of Molecular Sciences, 2022, 23, 4809.	1.8	9
58	Investigation of repeated dose (90 day) oral toxicity, reproductive/developmental toxicity and mutagenic potential of Calebin A™. Toxicology Reports, 2015, 2, 580-589.	1.6	8
59	Novel Combinatorial Regimen of Garcinol and Curcuminoids for Non-alcoholic Steatohepatitis (NASH) in Mice. Scientific Reports, 2020, 10, 7440.	1.6	8
60	Molecular Mechanisms of the Anti-obesity Properties of Agardhiella subulata in Mice Fed a High-Fat Diet. Journal of Agricultural and Food Chemistry, 2021, 69, 4745-4754.	2.4	8
61	A Randomized, Double-Blind, Placebo-Controlled Study to Assess the Efficacy and Safety of a Nutritional Supplement (ImmuActive™) for COVID-19 Patients. Evidence-based Complementary and Alternative Medicine, 2021, 2021, 1-9.	0.5	8
62	Cardioprotective Effects of Oroxyllum indicum Extract Against Doxorubicin and Cyclophosphamide-Induced Cardiotoxicity. Cardiovascular Toxicology, 2022, 22, 67-77.	1.1	8
63	The Anti-Obesity Potential of Cyperus rotundus Extract Containing Piceatannol, Scirpusin A and Scirpusin B Rhizomes: Preclinical and Clinical Evaluations. Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2022, Volume 15, 369-382.	1.1	8
64	The Anti-Obesity and Anti-Inflammatory Capabilities of Pterostilbene and its Colonic Metabolite Pinostilbene Protect against Tight Junction Disruption from Western Diet Feeding. Molecular Nutrition and Food Research, 2022, 66, .	1.5	8
65	Inotilone suppresses phorbol ester-induced inflammation and tumor promotion in mouse skin. Molecular Nutrition and Food Research, 2012, 56, 1324-1332.	1.5	7
66	Lesser Investigated Natural Ingredients for the Management of Obesity. Nutrients, 2021, 13, 510.	1.7	7
67	S-Allylcysteine Inhibits PhIP/DSS-Induced Colon Carcinogenesis through Mitigating Inflammation, Targeting Keap1, and Modulating Microbiota Composition in Mice. Molecular Nutrition and Food Research, 2020, 64, 2000576.	1.5	6
68	3-Hydroxypterostilbene Potently Alleviates Obesity Exacerbated Colitis in Mice. Journal of Agricultural and Food Chemistry, 2020, 68, 5365-5374.	2.4	6
69	3-Hydroxypterostilbene Inhibits 7,12-Dimethylbenz[a]anthracene (DMBA)/12-O-Tetradecanoylphorbol-13-Acetate (TPA)-Induced Mouse Skin Carcinogenesis. Phytomedicine, 2021, 81, 153432.	2.3	6
70	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
71	Inhibitory Effect of Garcinol on Obesity-Exacerbated, Colitis-Mediated Colon Carcinogenesis. Molecular Nutrition and Food Research, 2021, 65, e2100410.	1.5	5
72	An Expedient, Green and Protecting-Group-Free Synthesis of a Potent Secondary Metabolite Calebin-A and Its Analogues. SynOpen, 2017, 01, 0125-0128.	0.8	4

#	ARTICLE	IF	CITATIONS
73	<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. <i>Natural Product Research</i> , 2018, 32, 2116-2120.	1.0	4
74	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
75	Hepatoprotective effect of piceatannol against carbon tetrachloride-induced liver fibrosis in mice. <i>Food and Function</i> , 2021, 12, 11229-11240.	2.1	4
76	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
77	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
78	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
79	Preparation of Calebin-A Liposomes and its Antiproliferation in Human Cancer Cells. <i>Journal of Analytical & Pharmaceutical Research</i> , 2017, 5, .	0.3	3
80	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
81	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
82	<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
83	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
84	Oroxylum indicum extract prevents chemotherapy-induced cognitive impairment in mice. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	2
85	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
86	Highly Oxygenated 11-Keto-boswellic Acid Analogues and Their Anti-inflammatory Potential. <i>ChemistrySelect</i> , 2018, 3, 3087-3091.	0.7	1
87	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
88	Oroxylum indicum extract, at a physiologically relevant dosage, does not induce hepatotoxicity in C57BL/6J mice. <i>FASEB Journal</i> , 2021, 35, .	0.2	0
89	Cardioprotective effects of <i>Oroxylum indicum</i> extract against chemotherapeutics-induced cardiotoxicity. <i>FASEB Journal</i> , 2021, 35, .	0.2	0
90	Oroxylum indicum extract does not induce hepatotoxicity in mice. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0