

K J Senthil Kumar

List of Publications by Year in descending order

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47
papers

1,622
citations

279487

23
h-index

288905

40
g-index

47
all docs

47
docs citations

47
times ranked

2655
citing authors

#	ARTICLE	IF	CITATIONS
1	Ellagic acid protects human keratinocyte (HaCaT) cells against UVA-induced oxidative stress and apoptosis through the upregulation of the HO-1 and Nrf-2 antioxidant genes. <i>Food and Chemical Toxicology</i> , 2012, 50, 1245-1255.	1.8	200
2	Antioxidant and Anti-Inflammatory Potential of Hesperetin Metabolites Obtained from Hesperetin-Administered Rat Serum: An Ex Vivo Approach. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 522-532.	2.4	127
3	Toona sinensis and its major bioactive compound gallic acid inhibit LPS-induced inflammation in nuclear factor- κ B transgenic mice as evaluated by in vivo bioluminescence imaging. <i>Food Chemistry</i> , 2013, 136, 426-434.	4.2	112
4	The Chalcone Flavokawain B Induces G ₂ /M Cell-Cycle Arrest and Apoptosis in Human Oral Carcinoma HSC-3 Cells through the Intracellular ROS Generation and Downregulation of the Akt/p38 MAPK Signaling Pathway. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 2385-2397.	2.4	97
5	Geranium and Lemon Essential Oils and Their Active Compounds Downregulate Angiotensin-Converting Enzyme 2 (ACE2), a SARS-CoV-2 Spike Receptor-Binding Domain, in Epithelial Cells. <i>Plants</i> , 2020, 9, 770.	1.6	97
6	Antroquinonol from ethanolic extract of mycelium of Antrodia cinnamomea protects hepatic cells from ethanol-induced oxidative stress through Nrf-2 activation. <i>Journal of Ethnopharmacology</i> , 2011, 136, 168-177.	2.0	89
7	Hepatoprotective effect of lucidone against alcohol-induced oxidative stress in human hepatic HepG2 cells through the up-regulation of HO-1/Nrf-2 antioxidant genes. <i>Toxicology in Vitro</i> , 2012, 26, 700-708.	1.1	72
8	<i>In vitro</i> and <i>in vivo</i> studies disclosed the depigmenting effects of gallic acid: A novel skin lightening agent for hyperpigmentary skin diseases. <i>BioFactors</i> , 2013, 39, 259-270.	2.6	59
9	Antcin C from <i>Antrodia cinnamomea</i> Protects Liver Cells Against Free Radical-Induced Oxidative Stress and Apoptosis <i>In Vitro</i> and <i>In Vivo</i> through Nrf2-Dependent Mechanism. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-17.	0.5	49
10	Lucidone protects human skin keratinocytes against free radical-induced oxidative damage and inflammation through the up-regulation of HO-1/Nrf2 antioxidant genes and down-regulation of NF- κ B signaling pathway. <i>Food and Chemical Toxicology</i> , 2013, 59, 55-66.	1.8	45
11	Inhibitory effects of <i>Physalis angulata</i> on tumor metastasis and angiogenesis. <i>Journal of Ethnopharmacology</i> , 2011, 135, 762-771.	2.0	44
12	Lucidone, a novel melanin inhibitor from the fruit of <i>Lindera erythrocarpa</i> Makino. <i>Phytotherapy Research</i> , 2010, 24, 1158-1165.	2.8	38
13	Antioxidant activities of aqueous leaf extracts of <i>Toona sinensis</i> on free radical-induced endothelial cell damage. <i>Journal of Ethnopharmacology</i> , 2011, 137, 669-680.	2.0	37
14	Antrodin C Inhibits Epithelial-to-Mesenchymal Transition and Metastasis of Breast Cancer Cells via Suppression of Smad2/3 and β -Catenin Signaling Pathways. <i>PLoS ONE</i> , 2015, 10, e0117111.	1.1	36
15	<i>Toona sinensis</i> inhibits LPS-Induced Inflammation and Migration in Vascular Smooth Muscle Cells via Suppression of Reactive Oxygen Species and NF- κ B Signaling Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2014, 2014, 1-16.	1.9	35
16	Anti-inflammatory effect of lucidone in mice via inhibition of NF- κ B/MAP kinase pathway. <i>International Immunopharmacology</i> , 2010, 10, 385-392.	1.7	34
17	<i>Antrodia salmonea</i> inhibits TNF- α -induced angiogenesis and atherogenesis in human endothelial cells through the down-regulation of NF- κ B and up-regulation of Nrf2 signaling pathways. <i>Journal of Ethnopharmacology</i> , 2014, 151, 394-406.	2.0	34
18	MicroRNA-708 activation by glucocorticoid receptor agonists regulate breast cancer tumorigenesis and metastasis via downregulation of NF- κ B signaling. <i>Carcinogenesis</i> , 2019, 40, 335-348.	1.3	33

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19	Lucidone Inhibits iNOS and COX-2 Expression in LPS-Induced RAW 264.7 Murine Macrophage Cells via NF- κ B and MAPKs Signaling Pathways. <i>Planta Medica</i> , 2009, 75, 494-500.	0.7	31
20	In vitro and in vivo activity of gallic acid and <i>Toona sinensis</i> leaf extracts against HL-60 human premyelocytic leukemia. <i>Food and Chemical Toxicology</i> , 2012, 50, 3489-3497.	1.8	31
21	The anti-cancer activity of <i>Antrodia camphorata</i> against human ovarian carcinoma (SKOV-3) cells via modulation of HER-2/neu signaling pathway. <i>Journal of Ethnopharmacology</i> , 2013, 148, 254-265.	2.0	31
22	The anti-tumor activity of <i>Antrodia salmonea</i> in human promyelocytic leukemia (HL-60) cells is mediated via the induction of G1 cell-cycle arrest and apoptosis in vitro or in vivo. <i>Journal of Ethnopharmacology</i> , 2014, 153, 499-510.	2.0	27
23	Inhibition of Cell Growth and Induction of Apoptosis by <i>Antrodia camphorata</i> in HER-2/neu-Overexpressing Breast Cancer Cells through the Induction of ROS, Depletion of HER-2/neu, and Disruption of the PI3K/Akt Signaling Pathway. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-15.	0.5	25
24	Clinical Significance of Increased Guanine Nucleotide Exchange Factor Vav3 Expression in Human Gastric Cancer. <i>Molecular Cancer Research</i> , 2012, 10, 750-759.	1.5	23
25	Humic acid in drinking well water induces inflammation through reactive oxygen species generation and activation of nuclear factor- κ B/activator protein-1 signaling pathways: A possible role in atherosclerosis. <i>Toxicology and Applied Pharmacology</i> , 2014, 274, 249-262.	1.3	23
26	A mechanistic and empirical review of antcins, a new class of phytosterols of formosan fungi origin. <i>Journal of Food and Drug Analysis</i> , 2020, 28, 38-59.	0.9	22
27	<i>Antrodia salmonea</i> in submerged culture exhibits antioxidant activities in vitro and protects human erythrocytes and low-density lipoproteins from oxidative modification. <i>Food and Chemical Toxicology</i> , 2014, 66, 150-157.	1.8	20
28	The Antitumor Activity of <i>Antrodia camphorata</i> in Melanoma Cells: Modulation of Wnt/ β -Catenin Signaling Pathways. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-14.	0.5	17
29	<i>Antrodia camphorata</i> induces G ₁ cell-cycle arrest in human premyelocytic leukemia (HL-60) cells and suppresses tumor growth in athymic nude mice. <i>Food and Function</i> , 2014, 5, 2278-2288.	2.1	15
30	Genotoxic, teratotoxic and oral toxic assessments of <i>Antrodia cinnamomea</i> health food product (Leader Deluxe <i>Antrodia cinnamomea</i> \hat{A}). <i>Toxicology Reports</i> , 2015, 2, 1409-1417.	1.6	14
31	pH-Sensitive Hollow Alginate-Chitosan Hydrogel Beads for Bitter Gourd Delivery. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2014, 63, 41-47.	1.8	13
32	Antcins from <i>Antrodia cinnamomea</i> and <i>Antrodia salmonea</i> Inhibit Angiotensin-Converting Enzyme 2 (ACE2) in Epithelial Cells: Can Be Potential Candidates for the Development of SARS-CoV-2 Prophylactic Agents. <i>Plants</i> , 2021, 10, 1736.	1.6	11
33	Antcin-A Modulates Epithelial-to-Mesenchymal Transition and Inhibits Migratory and Invasive Potentials of Human Breast Cancer Cells via p53-Mediated miR-200c Activation. <i>Planta Medica</i> , 2019, 85, 755-765.	0.7	10
34	Effect of Hinoki and Meniki Essential Oils on Human Autonomic Nervous System Activity and Mood States. <i>Natural Product Communications</i> , 2015, 10, 1934578X1501000.	0.2	9
35	Ethanol Extracts of Dietary Herb, <i>Alpinia nantoensis</i> , Exhibit Anticancer Potential in Human Breast Cancer Cells. <i>Integrative Cancer Therapies</i> , 2019, 18, 153473541986692.	0.8	9
36	Essential Oils of <i>Alpinia nantoensis</i> Retard Forskolin-Induced Melanogenesis via ERK1/2-Mediated Proteasomal Degradation of MITF. <i>Plants</i> , 2020, 9, 1672.	1.6	9

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37	2,3,5-Trimethoxy-4-cresol, an anti-metastatic constituent from the solid-state cultured mycelium of <i>Antrodia cinnamomea</i> and its mechanism. <i>Journal of Natural Medicines</i> , 2015, 69, 513-521.	1.1	8
38	Immunomodulatory Effects of the Stout Camphor Medicinal Mushroom, <i>Taiwanofungus camphoratus</i> (Agaricomycetes)-Based Health Food Product in Mice. <i>International Journal of Medicinal Mushrooms</i> , 2018, 20, 849-858.	0.9	7
39	Anti-Melanogenic Activity of <i>Calocedrus formosana</i> Wood Essential Oil and Its Chemical Composition Analysis. <i>Plants</i> , 2022, 11, 62.	1.6	6
40	<i>In vitro</i> and <i>in vivo</i> toxicological assessments of <i>Antrodia cinnamomea</i> health food product (Leader <i>Antrodia cinnamomea</i> Capsule). <i>Fundamental Toxicological Sciences</i> , 2016, 3, 205-216.	0.2	5
41	The Regulatory Effects of a Formulation of <i>Cinnamomum osmophloeum</i> Kaneh and <i>Taiwanofungus camphoratus</i> on Metabolic Syndrome and the Gut Microbiome. <i>Plants</i> , 2020, 9, 383.	1.6	5
42	trans-3-Methoxy-5-hydroxystilbene (MHS) from the rhizome of <i>Alpinia nantonensis</i> inhibits metastasis in human lung cancer cells. <i>Phytomedicine</i> , 2018, 50, 223-230.	2.3	4
43	Induction of macrophage cell cycle arrest and apoptosis by humic acid. <i>Environmental and Molecular Mutagenesis</i> , 2014, 55, 741-750.	0.9	3
44	Antioxidant Properties of <i>Antrodia cinnamomea</i> : An Extremely Rare and Coveted Medicinal Mushroom Endemic to Taiwan. <i>Medicinal and Aromatic Plants of the World</i> , 2017, , 135-164.	0.1	2
45	Pharmacological Applications of Lucidone: A Naturally Occurring Cyclopentenedione. , 2016, , 273-295.		2
46	Dietary Indigenous Cinnamon (<i>Cinnamomum osmophloeum</i>) Leaf Powder Reduces Plasma Lipid in Hypercholesterolemia Hamsters. <i>Natural Product Communications</i> , 2019, 14, 1934578X1986066.	0.2	1
47	<i>Melia azedarach</i> Flowers and Their Volatile Components Improved Human Physiological and Psychological Functions. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 0, , 1-12.	0.7	1