K Srinivasan

List of Publications by Year in descending order

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51 papers	4,069 citations	136950 32 h-index	197818 49 g-index
51 all docs	51 docs citations	51 times ranked	4172 citing authors

#	Article	IF	Citations
1	Black Pepper and its Pungent Principle-Piperine: A Review of Diverse Physiological Effects. Critical Reviews in Food Science and Nutrition, 2007, 47, 735-748.	10.3	565
2	Plant foods in the management of diabetes mellitus: Spices as beneficial antidiabetic food adjuncts. International Journal of Food Sciences and Nutrition, 2005, 56, 399-414.	2.8	257
3	Influence of dietary spices and their active principles on pancreatic digestive enzymes in albino rats. Molecular Nutrition and Food Research, 2000, 44, 42-46.	0.0	239
4	Fenugreek (Trigonella foenum-graecum): A Review of Health Beneficial Physiological Effects. Food Reviews International, 2006, 22, 203-224.	8.4	238
5	Hypolipidemic action of curcumin, the active principle of turmeric (Curcuma longa) in streptozotocin induced diabetic rats. Molecular and Cellular Biochemistry, 1997, 166, 169-175.	3.1	226
6	Antioxidant Potential of Spices and Their Active Constituents. Critical Reviews in Food Science and Nutrition, 2014, 54, 352-372.	10.3	225
7	Role of Spices Beyond Food Flavoring: Nutraceuticals with Multiple Health Effects. Food Reviews International, 2005, 21, 167-188.	8.4	206
8	Influence of dietary spices or their active principles on digestive enzymes of small intestinal mucosa in rats. International Journal of Food Sciences and Nutrition, 1996, 47, 55-59.	2.8	151
9	Studies on the in vitro absorption of spice principles â€“ Curcumin, capsaicin and piperine in rat intestines. Food and Chemical Toxicology, 2007, 45, 1437-1442.	3.6	115
10	Amelioration of renal lesions associated with diabetes by dietary curcumin in streptozotocin diabetic rats. , 1998, 181, 87-96.		111
11	In vitro influence of spices and spice-active principles on digestive enzymes of rat pancreas and small intestine. Molecular Nutrition and Food Research, 2003, 47, 408-412.	0.0	109
12	Studies on the influence of dietary spices on food transit time in experimental rats. Nutrition Research, 2001, 21, 1309-1314.	2.9	107
13	Influence of dietary curcumin and cholesterol on the progression of experimentally induced diabetes in albino rat. Molecular and Cellular Biochemistry, 1995, 152, 13-21.	3.1	92
14	Influence of dietary capsaicin and onion on the metabolic abnormalities associated with streptozotocin induced diabetes mellitus. Molecular and Cellular Biochemistry, 1997, 175, 49-57.	3.1	91
15	Influence of Dietary Curcumin, Capsaicin and Garlic on the Antioxidant Status of Red Blood Cells and the Liver in High-Fat-Fed Rats. Annals of Nutrition and Metabolism, 2004, 48, 314-320.	1.9	84
16	Hypolipidemic and antioxidant effects of curcumin and capsaicin in high-fat-fed rats. Canadian Journal of Physiology and Pharmacology, 2007, 85, 588-596.	1.4	79
17	Spices as Beneficial Hypolipidemic Food Adjuncts: A Review. Food Reviews International, 2004, 20, 187-220.	8.4	75
18	Hypolipidemic and Antioxidant Effects of Dietary Curcumin and Capsaicin in Induced Hypercholesterolemic Rats. Lipids, 2007, 42, 1133-42.	1.7	75

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19	Digestive stimulant action of three Indian spice mixes in experimental rats. Molecular Nutrition and Food Research, 2002, 46, 394-398.	0.0	72
20	Beneficial influence of dietary curcumin, capsaicin and garlic on erythrocyte integrity in high-fat fed rats. Journal of Nutritional Biochemistry, 2006, 17, 471-478.	4.2	69
21	Influence of antioxidant spices on the retention of Î²-carotene in vegetables during domestic cooking processes. Food Chemistry, 2004, 84, 35-43.	8.2	65
22	Dietary iron supplements and Moringa oleifera leaves influence the liver hepcidin messenger RNA expression and biochemical indices of iron status in rats. Nutrition Research, 2014, 34, 630-638.	2.9	62
23	The effect of spices on cholesterol 7 alpha-hydroxylase activity and on serum and hepatic cholesterol levels in the rat. International Journal for Vitamin and Nutrition Research, 1991, 61, 364-9.	1.5	60
24	Renal lesions in streptozotocin-induced diabetic rats maintained on onion and capsaicin containing diets. Journal of Nutritional Biochemistry, 1999, 10, 477-483.	4.2	56
25	Stimulatory influence of select spices on bile secretion in rats. Nutrition Research, 2000, 20, 1493-1503.	2.9	54
26	Integrity of erythrocytes of hypercholesterolemic rats during spices treatment. Molecular and Cellular Biochemistry, 2002, 236, 155-161.	3.1	52
27	Effect of cumin, cinnamon, ginger, mustard and tamarind in induced hypercholesterolemic rats. Molecular Nutrition and Food Research, 1991, 35, 47-51.	0.0	50
28	Antidiabetic influence of dietary cumin seeds () in streptozotocin induced diabetic rats. Nutrition Research, 1998, 18, 131-142.	2.9	50
29	Protective effect of dietary capsaicin on induced oxidation of low-density lipoprotein in rats. Molecular and Cellular Biochemistry, 2005, 275, 7-13.	3.1	50
30	Hypolipidemic and antioxidant efficacy of dehydrated onion in experimental rats. Journal of Food Science and Technology, 2010, 47, 55-60.	2.8	38
31	Relative bioavailability of folate from the traditional food plant Moringa oleifera L. as evaluated in a rat model. Journal of Food Science and Technology, 2016, 53, 511-520.	2.8	37
32	Influence of bitter gourd (Momordica charantia) on growth and blood constituents in albino rats. Molecular Nutrition and Food Research, 1993, 37, 156-160.	0.0	36
33	Varietal Differences in the Bioaccessibility of Î²-Carotene from Mango (Mangifera indica) and Papaya (Carica papaya) Fruits. Journal of Agricultural and Food Chemistry, 2007, 55, 7931-7935.	5.2	36
34	Influence of spices and spice principles on hepatic mixed function oxygenase system in rats. Indian Journal of Biochemistry and Biophysics, 1989, 26, 254-8.	0.0	32
35	Antioxidant Status of Red Blood Cells and Liver in Hypercholesterolemic Rats Fed Hypolipidemic Spices. International Journal for Vitamin and Nutrition Research, 2004, 74, 199-208.	1.5	31
36	Fenugreek seeds reduce atherogenic diet-induced cholesterol gallstone formation in experimental mice. Canadian Journal of Physiology and Pharmacology, 2009, 87, 933-943.	1.4	28

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37	Influence of curcumin, capsaicin, and piperine on the rat liver drug-metabolizing enzyme system in vivo and in vitro. Canadian Journal of Physiology and Pharmacology, 2006, 84, 1259-1265.	1.4	26
38	Dietary fenugreek seed regresses preestablished cholesterol gallstones in mice. Canadian Journal of Physiology and Pharmacology, 2009, 87, 684-693.	1.4	26
39	Changes induced by hexachlorocyclohexane isomers in rat liver and testis. Bulletin of Environmental Contamination and Toxicology, 1988, 41, 531-539.	2.7	22
40	Cholesterol lowering activity of mango ginger (Curcuma amada Roxb.) in induced hypercholesterolemic rats. European Food Research and Technology, 2008, 227, 1159-1163.	3.3	13
41	Dietary fenugreek (Trigonella foenum-graecum) seeds and garlic (Allium sativum) alleviates oxidative stress in experimental myocardial infarction. Food Science and Human Wellness, 2017, 6, 77-87.	4.9	12
42	Hypotriglyceridemic effect of dietary vanillin in experimental rats. European Food Research and Technology, 2008, 228, 103-108.	3.3	9
43	Influence of dietary spices on adrenal steroidogenesis in rats. Nutrition Research, 1993, 13, 435-444.	2.9	8
44	Protein binding, nuclear translocation and biliary secretion of metabolites of 3â€²-methyl-N,N-dimethyl-4-aminoazobenzene during hepatocarcinogenesis in rats. Xenobiotica, 1991, 21, 961-969.	1.1	6
45	Toxicity of Î²- and -Î³-hexachlorocyclohexane in rats of different ages. Bulletin of Environmental Contamination and Toxicology, 1991, 47, 623-627.	2.7	6
46	Hepatic binding proteins translocating azo dye carcinogen metabolites from cytoplasm into nucleus in rats. Food and Chemical Toxicology, 2004, 42, 503-508.	3.6	6
47	Induction of liver mixed function oxygenase system by beta- & gamma-hexachlorocyclohexane. Indian Journal of Biochemistry and Biophysics, 1983, 20, 84-91.	0.0	4
48	Noncovalent binding of 3'-methyl-N,N-dimethyl-4-aminoazobenzene and its metabolites to liver cytosolic proteins and its role in their nuclear translocation. Drug Metabolism and Disposition, 1987, 15, 504-10.	3.3	3
49	Influence of dietary hexachlorocyclohexane isomers on lipid metabolism in albino rats. Indian Journal of Biochemistry and Biophysics, 1989, 26, 34-8.	0.0	2
50	Biochemical toxicity of hexachlorocyclohexane and its gamma-isomer in albino mice. Indian Journal of Experimental Biology, 1989, 27, 248-51.	0.0	2
51	Spices and Flavoring Crops: Uses and Health Effects. , 2016, , 98-105.		1