Subramaniam Selvakumar

List of Publications by Year
in descending order

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		623734	526287
28	768	14	27
papers	citations	h-index	g-index

36	36	36	908
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	CD36- and GPR120-Mediated Ca2+ Signaling in Human Taste Bud Cells Mediates Differential Responses to Fatty Acids and Is Altered inÂObese Mice. Gastroenterology, 2014, 146, 995-1005.e5.	1.3	166
2	S-Nitrosylation of the Death Receptor Fas Promotes Fas Ligandâ€“Mediated Apoptosis in Cancer Cells. Gastroenterology, 2011, 140, 2009-2018.e4.	1.3	83
3	HSP27 controls GATA-1 protein level during erythroid cell differentiation. Blood, 2010, 116, 85-96.	1.4	66
4	Ca2+ signaling in taste bud cells and spontaneous preference for fat: Unresolved roles of CD36 and GPR120. Biochimie, 2014, 96, 8-13.	2.6	50
5	ERK1 and ERK2 activation modulates diet-induced obesity in mice. Biochimie, 2017, 137, 78-87.	2.6	40
6	Heat shock protein induction in the freshwater prawn Macrobrachium malcolmsonii: Acclimation-influenced variations in the induction temperatures for Hsp70. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2005, 140, 209-215.	1.8	34
7	The oral lipid sensor GPR120 is not indispensable for the orosensory detection of dietary lipids in mice. Journal of Lipid Research, 2015, 56, 369-378.	4.2	32
8	ERK1/2 activation in human taste bud cells regulates fatty acid signaling and gustatory perception of fat in mice and humans. FASEB Journal, 2016, 30, 3489-3500.	0.5	30
9	Grape seed and skin extract reduces pancreas lipotoxicity, oxidative stress and inflammation in high fat diet fed rats. Biomedicine and Pharmacotherapy, 2016, 84, 2020-2028.	5.6	20
10	Insights on modulators in perception of taste modalities: a review. Nutrition Research Reviews, 2019, 32, 231-246.	4.1	19
11	Stressor-specific induction of heat shock protein 70 in the freshwater prawn Macrobrachium malcolmsonii (H. Milne Edwards) exposed to the pesticides endosulfan and carbaryl. Pesticide Biochemistry and Physiology, 2005, 82, 125-132.	3.6	17
12	Comparative LC-MS analysis of bioactive compounds, antioxidants and antibacterial activity from leaf and callus extracts of Saraca asoca. Phytomedicine Plus, 2022, 2, 100167.	2.0	17
13	Antidiabetic and Antioxidant Activities of Zizyphus lotus L Aqueous Extracts in Wistar Rats. Journal of Nutrition & Food Sciences, 2014, s8, .	1.0	15
14	Fat taste signal transduction and its possible negative modulator components. Progress in Lipid Research, 2020, 79, 101035.	11.6	13
15	Single nucleotide polymorphism in CD36: Correlation to peptide YY levels in obese and non-obese adults. Clinical Nutrition, 2021, 40, 2707-2715.	5.0	12
16	Antiâ€Obesity Effect of T. Chebula Fruit Extract on High Fat Diet Induced Obese Mice: A Possible Alternative Therapy. Molecular Nutrition and Food Research, 2021, 65, e2001224.	3.3	9
17	A simple and efficient Agrobacterium-mediated in planta transformation protocol for horse gram (Macrotyloma uniflorum Lam. Verdc.). Journal of Genetic Engineering and Biotechnology, 2020, 18, 9.	3.3	9
18	Thermal modulation of pyruvate metabolism in the freshwater prawn Macrobrachium malcolmsonii: the role of lactate dehydrogenase. Fish Physiology and Biochemistry, 2003, 29, 149-157.	2.3	6

#	Article	IF	Citations
19	Anticancer Activity of Leonurus sibiricus L.: Possible Involvement of Intrinsic Apoptotic Pathway. Nutrition and Cancer, 2022, 74, 225-236.	2.0	6
20	Striga angustifolia mediated synthesis of silver nanoparticles: Anti-microbial, antioxidant and anti-proliferative activity in apoptotic p53 signalling pathway. Journal of Drug Delivery Science and Technology, 2022, 67, 102945.	3.0	5
21	Phytochemical screening, antioxidant, anti-diabetic and cytotoxic activity of leaves of Pandanus canaranus Warb. Materials Today: Proceedings, 2020, , .	1.8	4
22	Facial cutaneo-mucosal venous malformations can develop independently of mutation of TEK gene ï»¿but may be associated with excessive expression of Src and p-Src. Journal of Negative Results in BioMedicine, 2017, 16, 9.	1.4	3
23	Anti-proliferative phytoconstituents from Striga angustifolia (D. Don) C.J. Saldanha â€“ An in vitro and in silico approach. Phytomedicine Plus, 2021, 1, 100062.	2.0	3
24	Hsp70 and Hsp27 as pharmacological targets in apoptosis modulation for cancer therapy. , 2007, , 209-230.		2
25	Differential intracellular localization of Hsp70 in the gill and heart tissue of fresh water prawn Macrobrachium malcolmsonii during thermal stress. Molecular Biology Reports, 2018, 45, 1321-1329.	2.3	1
26	Front Cover: Antiâ€Obesity Effect of T. Chebula Fruit Extract on High Fat Diet Induced Obese Mice: A Possible Alternative Therapy. Molecular Nutrition and Food Research, 2021, 65, 2170025.	3.3	1
27	XXVth Annual Meeting of the European Chemoreception Research Organization, ECRO 2015. Chemical Senses, 2016, 41, 379-435.	2.0	0
28	Lc-Ms/Ms Profiling of Phytocompounds and Pharmacological Potential of Berberis Tinctoria Lesch. Leaf and Fruit Extracts. SSRN Electronic Journal, 0, , .	0.4	0