Hyun-Seuk Moon

List of Publications by Year
in descending order

37 papers	3,796 citations	257357 24 h-index	345118 36 g-index
37 all docs	37 docs citations	37 times ranked	6456 citing authors

#	Article	IF	Citations
1	Chitosan and its derivatives for tissue engineering applications. Biotechnology Advances, 2008, 26, 1-21.	6.0	1,250
2	Docosahexaenoic acid promotes hippocampal neuronal development and synaptic function. Journal of Neurochemistry, 2009, 111, 510-521.	2.1	312
3	Leptin in human physiology and therapeutics. Frontiers in Neuroendocrinology, 2010, 31, 377-393.	2.5	223
4	Leptin's Role in Lipodystrophic and Nonlipodystrophic Insulin-Resistant and Diabetic Individuals. Endocrine Reviews, 2013, 34, 377-412.	8.9	212
5	Inhibitory Effect of (â˜)â€Epigallocatechinâ€3â€Gallate on Lipid Accumulation of 3T3â€L1 Cells. Obesity, 2007, 15, 2571-2582.	1.5	182
6	Pharmacological concentrations of irisin increase cell proliferation without influencing markers of neurite outgrowth and synaptogenesis in mouse H19-7 hippocampal cell lines. Metabolism: Clinical and Experimental, 2013, 62, 1131-1136.	1.5	149
7	Proposed mechanisms of (â˜)-epigallocatechin-3-gallate for anti-obesity. Chemico-Biological Interactions, 2007, 167, 85-98.	1.7	132
8	Leptin and Amylin Act in an Additive Manner to Activate Overlapping Signaling Pathways in Peripheral Tissues. Diabetes Care, 2011, 34, 132-138.	4.3	132
9	Efficacy of Metreleptin in Obese Patients With Type 2 Diabetes: Cellular and Molecular Pathways Underlying Leptin Tolerance. Diabetes, 2011, 60, 1647-1656.	0.3	129
10	N-Docosahexaenoylethanolamide promotes development of hippocampal neurons. Biochemical Journal, 2011, 435, 327-336.	1.7	104
11	Autophagy induced by AXL receptor tyrosine kinase alleviates acute liver injury via inhibition of NLRP3 inflammasome activation in mice. Autophagy, 2016, 12, 2326-2343.	4.3	100
12	Salutary effects of adiponectin on colon cancer: in vivo and in vitro studies in mice. Gut, 2013, 62, 561-570.	6.1	91
13	Regulation of cell proliferation and malignant potential by irisin in endometrial, colon, thyroid and esophageal cancer cell lines. Metabolism: Clinical and Experimental, 2014, 63, 188-193.	1.5	71
14	Direct Role of Adiponectin and Adiponectin Receptors in Endometrial Cancer: In Vitro and Ex Vivo Studies in Humans. Molecular Cancer Therapeutics, 2011, 10, 2234-2243.	1.9	69
15	Circulating Adiponectin Is Inversely Associated with Risk of Thyroid Cancer:In Vivoandin VitroStudies. Journal of Clinical Endocrinology and Metabolism, 2011, 96, E2023-E2028.	1.8	61
16	Cascade regulation of PPARÎ³2 and C/EBPÎ± signaling pathways by celastrol impairs adipocyte differentiation and stimulates lipolysis in 3T3-L1 adipocytes. Metabolism: Clinical and Experimental, 2016, 65, 646-654.	1.5	52
17	Leptin administration to overweight and obese subjects for 6 months increases free leptin concentrations but does not alter circulating hormones of the thyroid and IGF axes during weight loss induced by a mild hypocaloric diet. European Journal of Endocrinology, 2011, 165, 249-254.	1.9	51
18	Alpha linolenic acid and oleic acid additively down-regulate malignant potential and positively cross-regulate AMPK/S6 axis in OE19 and OE33 esophageal cancer cells. Metabolism: Clinical and Experimental, 2014, 63, 1447-1454.	1.5	48

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19	Down-regulation of malignant potential by alpha linolenic acid in human and mouse colon cancer cells. Familial Cancer, 2015, 14, 25-30.	0.9	46
20	Alphaâ€eleostearic acid suppresses proliferation of MCFâ€7 breast cancer cells via activation of PPARÎ³ and inhibition of ERK 1â€Š/â€Š2. Cancer Science, 2010, 101, 396-402.	1.7	45
21	Enhanced anticancer effect of conjugated linoleic acid by conjugation with Pluronic F127 on MCF-7 breast cancer cells. Cancer Letters, 2007, 254, 244-254.	3.2	41
22	Selective capacity of metreleptin administration to reconstitute CD4 ⁺ T-cell number in females with acquired hypoleptinemia. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E818-27.	3.3	41
23	Chemopreventive Effects of Korean Red Ginseng Extract on Rat Hepatocarcinogenesis. Journal of Cancer, 2015, 6, 1-8.	1.2	27
24	Physico-chemical modifications of conjugated linoleic acid for ruminal protection and oxidative stability. Nutrition and Metabolism, 2008, 5, 16.	1.3	24
25	Biological effects of conjugated linoleic acid on obesity-related cancers. Chemico-Biological Interactions, 2014, 224, 189-195.	1.7	24
26	Leptin-induced matrix metalloproteinase-2 secretion is suppressed by trans-10,cis-12 conjugated linoleic acid. Biochemical and Biophysical Research Communications, 2007, 356, 955-960.	1.0	22
27	PEGylated conjugated linoleic acid stimulation of apoptosis via a p53-mediated signaling pathway in MCF-7 breast cancer cells. European Journal of Pharmaceutics and Biopharmaceutics, 2008, 70, 621-626.	2.0	21
28	Chemopreventive Effects of Alpha Lipoic Acid on Obesity-Related Cancers. Annals of Nutrition and Metabolism, 2016, 68, 137-144.	1.0	21
29	Antiobesity effect of PEGylated conjugated linoleic acid on high-fat diet-induced obese C57BL/6J (ob/ob) mice: attenuation of insulin resistance and enhancement of antioxidant defenses. Journal of Nutritional Biochemistry, 2009, 20, 187-194.	1.9	20
30	Adiponectin and metformin additively attenuate IL1Î²-induced malignant potential of colon cancer. Endocrine-Related Cancer, 2013, 20, 849-859.	1.6	20
31	Fibroblast Growth Factor 21 Levels in Young Healthy Females Display Day and Night Variations and Are Increased in Response to Short-Term Energy Deprivation Through a Leptin-Independent Pathway. Diabetes Care, 2013, 36, 935-942.	4.3	18
32	Identification and Saturable Nature of Signaling Pathways Induced by Metreleptin in Humans: Comparative Evaluation of In Vivo, Ex Vivo, and In Vitro Administration. Diabetes, 2015, 64, 828-839.	0.3	18
33	Panax ginseng exerts antiproliferative effects on rat hepatocarcinogenesis. Nutrition Research, 2013, 33, 753-760.	1.3	17
34	Lipolysis is stimulated by PEGylated conjugated linoleic acid through the cyclic adenosine monophosphateâ€independent signaling pathway in 3T3â€L1 cells: Activation of MEK/ERK MAPK signaling pathway and hyperâ€secretion of adipoâ€cytokines. Journal of Cellular Physiology, 2008, 214, 283-294.	2.0	14
35	Glabretal-type triterpenoid from the root bark of Dictamnus dasycarpus ameliorates collagen-induced arthritis by inhibiting Erk-dependent lymphocyte proliferation. Journal of Ethnopharmacology, 2016, 178, 13-16.	2.0	8
36	Oxidative stabilization of conjugated linoleic acid by one-pot PEGylation. Macromolecular Research, 2011, 19, 822-826.	1.0	1

#	Article	IF	Citations
37	Nuclear translocation of STAT3 by in vitro metreleptin administration causes lipolysis in human primary adipocytes. Brazilian Archives of Biology and Technology, 2016, 59, .	0.5	0