

Kazuo Kobayashi-Hattori

List of Publications by Year in descending order

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862
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471371

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44
times ranked

1438
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Cooking Process on the Deoxynivalenol Content and Its Subsequent Cytotoxicity in Wheat Products. <i>Bioscience, Biotechnology and Biochemistry</i> , 2006, 70, 1764-1768.	0.6	83
2	Effect of Caffeine on the Body Fat and Lipid Metabolism of Rats Fed on a High-Fat Diet. <i>Bioscience, Biotechnology and Biochemistry</i> , 2005, 69, 2219-2223.	0.6	77
3	Inhibition of Increases in Blood Glucose and Serum Neutral Fat by Momordica charantia Saponin Fraction. <i>Bioscience, Biotechnology and Biochemistry</i> , 2007, 71, 735-740.	0.6	76
4	Prevention of Intestinal Infection by Glycomacropeptide. <i>Bioscience, Biotechnology and Biochemistry</i> , 2005, 69, 2294-2301.	0.6	60
5	Effect of soybean varieties on the content and composition of isoflavone in rice-koji miso. <i>Food Chemistry</i> , 2007, 100, 369-374.	4.2	47
6	Perfluorooctanoic acid binds to peroxisome proliferator-activated receptor β and promotes adipocyte differentiation in 3T3-L1 adipocytes. <i>Bioscience, Biotechnology and Biochemistry</i> , 2015, 79, 636-639.	0.6	44
7	Effect of Japanese radish (<i>Raphanus sativus</i>) sprout (Kaiware-daikon) on carbohydrate and lipid metabolisms in normal and streptozotocin-induced diabetic rats. <i>Phytotherapy Research</i> , 2006, 20, 274-278.	2.8	35
8	The hypocholesterolemic activity of Momordica charantia fruit is mediated by the altered cholesterol- and bile acid-regulating gene expression in rat liver. <i>Nutrition Research</i> , 2013, 33, 580-585.	1.3	34
9	Hot water extracts of edible <i>Chrysanthemum morifolium</i> Ramat. exert antidiabetic effects in obese diabetic KK-Ay mice. <i>Bioscience, Biotechnology and Biochemistry</i> , 2015, 79, 1147-1154.	0.6	31
10	Effect of essential amino acids on enteroids: Methionine deprivation suppresses proliferation and affects differentiation in enteroid stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2017, 488, 171-176.	1.0	28
11	Hypocholesterolemic Effect of Peanut Skin and Its Fractions: A Case Record of Rats Fed on a High-Cholesterol Diet. <i>Bioscience, Biotechnology and Biochemistry</i> , 2009, 73, 205-208.	0.6	25
12	Adiponectin promotes hyaluronan synthesis along with increases in hyaluronan synthase 2 transcripts through an AMP-activated protein kinase/peroxisome proliferator-activated receptor- β -dependent pathway in human dermal fibroblasts. <i>Biochemical and Biophysical Research Communications</i> , 2011, 415, 235-238.	1.0	25
13	Body composition and hormonal effects following exposure to mycotoxin deoxynivalenol in the high-fat diet-induced obese mouse. <i>Molecular Nutrition and Food Research</i> , 2011, 55, 1070-1078.	1.5	20
14	Antidiabetic-Like Effects of Naringenin-O-glucoside from Edible <i>Chrysanthemum</i> "Kotobuki" and Naringenin by Activation of the PI3K/Akt Pathway and PPAR β . <i>Chemistry and Biodiversity</i> , 2019, 16, e1800434.	1.0	20
15	Anorexic action of deoxynivalenol in hypothalamus and intestine. <i>Toxicol</i> , 2016, 118, 54-60.	0.8	19
16	High-fat diet reduces levels of type I procollagen and hyaluronan in rat skin. <i>Molecular Nutrition and Food Research</i> , 2010, 54, S53-61.	1.5	18
17	Effects of Various 5,7-Dihydroxyflavone Analogs on Adipogenesis in 3T3-L1 Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2015, 38, 1794-1800.	0.6	18
18	Regulation of the Body Fat Percentage in Developmental-Stage Rats by Methylxanthine Derivatives in a High-Fat Diet. <i>Bioscience, Biotechnology and Biochemistry</i> , 2006, 70, 1134-1139.	0.6	17

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19	Differing Effects of Water-Soluble and Fat-Soluble Extracts from Japanese Radish (<i>Raphanus sativus</i>) Sprouts on Carbohydrate and Lipid Metabolism in Normal and Streptozotocin-Induced Diabetic Rats. <i>Journal of Nutritional Science and Vitaminology</i> , 2007, 53, 261-266.	0.2	17
20	A high-fat diet reduces ceramide synthesis by decreasing adiponectin levels and decreases lipid content by modulating <i>HMG-CoA</i> reductase and <i>CPT1</i> mRNA expression in the skin. <i>Molecular Nutrition and Food Research</i> , 2011, 55, S186-92.	1.5	16
21	Mycotoxin Deoxynivalenol Has Different Impacts on Intestinal Barrier and Stem Cells by Its Route of Exposure. <i>Toxins</i> , 2020, 12, 610.	1.5	16
22	Hydrocellular foam dressings promote wound healing associated with decrease in inflammation in rat periwound skin and granulation tissue, compared with hydrocolloid dressings. <i>Bioscience, Biotechnology and Biochemistry</i> , 2015, 79, 185-189.	0.6	13
23	Preparation of Hypoallergenic Wheat Flour Noodles and Evaluation of Their Physical Properties. <i>Food Science and Technology Research</i> , 2009, 15, 39-44.	0.3	12
24	Ultraviolet B Irradiation Reduces the Expression of Adiponectin in Ovarial Adipose Tissues through Endocrine Actions of Calcitonin Gene-Related Peptide-Induced Serum Amyloid A. <i>PLoS ONE</i> , 2014, 9, e98040.	1.1	11
25	Chrysanthemum Promotes Adipocyte Differentiation, Adiponectin Secretion and Glucose Uptake. <i>The American Journal of Chinese Medicine</i> , 2015, 43, 255-267.	1.5	10
26	Hydrocellular foam dressing increases the leptin level in wound fluid. <i>Wound Repair and Regeneration</i> , 2015, 23, 703-710.	1.5	9
27	Transforming growth factor- β 1 induces cholesterol synthesis by increasing HMG-CoA reductase mRNA expression in keratinocytes. <i>Bioscience, Biotechnology and Biochemistry</i> , 2016, 80, 1379-1381.	0.6	8
28	Novel Angiotensin I-Converting Enzyme Inhibitory Peptides Found in a Thermolysin-Treated Elastin with Antihypertensive Activity. <i>Bioscience, Biotechnology and Biochemistry</i> , 2012, 76, 1329-1333.	0.6	7
29	Calcitonin gene-related peptide regulates mitogen-activated protein kinase pathway to decrease transforming growth factor β 1-induced hepatic plasminogen activator inhibitor-1 mRNA expression in HepG2 cells. <i>Bioscience, Biotechnology and Biochemistry</i> , 2014, 78, 787-790.	0.6	7
30	mTOR inhibition by rapamycin increases ceramide synthesis by promoting transforming growth factor- β 1/Smad signaling in the skin. <i>FEBS Open Bio</i> , 2016, 6, 317-325.	1.0	7
31	Serum Cholesterol-Decreasing Effect of Heat-Moisture-Treated High-Amylose Cornstarch in Cholesterol-Loaded Rats. <i>Bioscience, Biotechnology and Biochemistry</i> , 2008, 72, 880-884.	0.6	6
32	Adenosine stimulates hepatic glycogenolysis via adrenal glands-liver crosstalk in mice. <i>PLoS ONE</i> , 2018, 13, e0209647.	1.1	6
33	Down-Regulation of <i>mdr1b</i> mRNA Expression in the Kidneys of Mice Following Maternal Exposure to Tributyltin Chloride. <i>Bioscience, Biotechnology and Biochemistry</i> , 2006, 70, 1242-1245.	0.6	5
34	Calcitonin Gene-Related Peptide Upregulates Serum Amyloid A Synthesis through Activation of Interleukin-6. <i>Bioscience, Biotechnology and Biochemistry</i> , 2013, 77, 2151-2153.	0.6	5
35	Interleukin-4 suppresses the proliferation and alters the gene expression in enteroids. <i>Cytotechnology</i> , 2020, 72, 479-488.	0.7	5
36	Cadmium Cation Increases the Production and mRNA Levels of Insulin-Like Growth Factor-Binding Protein-1 in HepG2. <i>Bioscience, Biotechnology and Biochemistry</i> , 2007, 71, 1334-1337.	0.6	4

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37	Accelerating Effect of Soy Peptides Containing Collagen Peptides on Type I and III Collagen Levels in Rat Skin. <i>Bioscience, Biotechnology and Biochemistry</i> , 2012, 76, 1549-1551.	0.6	4
38	Effects of an Amino acid Deficiency on Hyaluronan Synthesis in Human Dermal Fibroblasts. <i>Food Science and Technology Research</i> , 2016, 22, 279-281.	0.3	4
39	The Effect of Methanolic <i>Valeriana officinalis</i> Root Extract on Adipocyte Differentiation and Adiponectin Production in 3T3-L1 Adipocytes. <i>Plant Foods for Human Nutrition</i> , 2020, 75, 103-109.	1.4	4
40	A Method for Identifying Mouse Pancreatic Ducts. <i>Tissue Engineering - Part C: Methods</i> , 2018, 24, 480-485.	1.1	3
41	Increase of Serum Cholesterol Levels by Heat-Moisture-Treated High-Amylose Cornstarch in Rats Fed a High-Cholesterol Diet. <i>Lipids</i> , 2008, 43, 695-702.	0.7	2
42	Effect of short-time treatment with TNF- α on stem cell activity and barrier function in enteroids. <i>Cytotechnology</i> , 2021, 73, 669-682.	0.7	2
43	Identification of Reg3 β -producing cells using IL-22-stimulated enteroids. <i>Bioscience, Biotechnology and Biochemistry</i> , 2020, 84, 594-597.	0.6	1
44	Anorexic action of fusarenon-x in the hypothalamus and intestine. <i>Toxicon</i> , 2020, 187, 57-64.	0.8	1