Masashi Masuda

List of Publications by Year
in descending order

44 papers	979 citations	471061 17 h-index	454577 30 g-index
45 all docs	45 docs citations	45 times ranked	1539 citing authors

#	Article	IF	Citations
1	PERKâ€eIF2Î±â€ATF4â€CHOP Signaling Contributes to TNFÎ±â€Induced Vascular Calcification. Journal of the American Heart Association, 2013, 2, e000238.	1.6	106
2	Dual Activation of the Bile Acid Nuclear Receptor FXR and G-Protein-Coupled Receptor TGR5 Protects Mice against Atherosclerosis. PLoS ONE, 2014, 9, e108270.	1.1	98
3	Paradoxical Regulation of Human FGF21 by Both Fasting and Feeding Signals: Is FGF21 a Nutritional Adaptation Factor?. PLoS ONE, 2011, 6, e22976.	1.1	75
4	Saturated phosphatidic acids mediate saturated fatty acidâ€“induced vascular calcification and lipotoxicity. Journal of Clinical Investigation, 2015, 125, 4544-4558.	3.9	59
5	Activating transcription factor 4 regulates stearate-induced vascular calcification. Journal of Lipid Research, 2012, 53, 1543-1552.	2.0	51
6	Endoplasmic Reticulum Stress Effector CCAAT/Enhancerâ€binding Protein Homologous Protein (CHOP) Regulates Chronic Kidney Diseaseâ€“Induced Vascular Calcification. Journal of the American Heart Association, 2014, 3, e000949.	1.6	49
7	Simultaneous inhibition of FXR and TGR5 exacerbates atherosclerotic formation. Journal of Lipid Research, 2018, 59, 1709-1713.	2.0	44
8	Increased Lipogenesis and Stearate Accelerate Vascular Calcification in Calcifying Vascular Cells. Journal of Biological Chemistry, 2011, 286, 23938-23949.	1.6	36
9	Activating transcription factor-4 promotes mineralization in vascular smooth muscle cells. JCI Insight, 2016, 1, e88646.	2.3	35
10	Liver X receptor negatively regulates fibroblast growth factor 21 in the fatty liver induced by cholesterol-enriched diet. Journal of Nutritional Biochemistry, 2012, 23, 785-790.	1.9	30
11	Effects of dietary phosphate on glucose and lipid metabolism. American Journal of Physiology - Endocrinology and Metabolism, 2016, 310, E526-E538.	1.8	27
12	Regulation of renal sodium-dependent phosphate co-transporter genes (Npt2a and Npt2c) by all-trans-retinoic acid and its receptors. Biochemical Journal, 2010, 429, 583-592.	1.7	25
13	Thyroid Hormones Decrease Plasma 1Î±,25-Dihydroxyvitamin D Levels Through Transcriptional Repression of the Renal 25-Hydroxyvitamin D3 1Î±-Hydroxylase Gene (CYP27B1). Endocrinology, 2013, 154, 609-622.	1.4	25
14	Dietary phosphate restriction induces hepatic lipid accumulation through dysregulation of cholesterol metabolism in mice. Nutrition Research, 2013, 33, 586-593.	1.3	24
15	Stanniocalcin 2 is associated with ectopic calcification in Î±-klotho mutant mice and inhibits hyperphosphatemia-induced calcification in aortic vascular smooth muscle cells. Bone, 2012, 50, 998-1005.	1.4	23
16	Thyroid hormones regulate phosphate homoeostasis through transcriptional control of the renal typeÂIIa sodium-dependent phosphate co-transporter (Npt2a) gene. Biochemical Journal, 2010, 427, 161-169.	1.7	20
17	Dietary phosphate exacerbates intestinal inflammation in experimental colitis. Journal of Clinical Biochemistry and Nutrition, 2017, 61, 91-99.	0.6	20
18	High phosphate diet suppresses lipogenesis in white adipose tissue. Journal of Clinical Biochemistry and Nutrition, 2018, 63, 181-191.	0.6	17

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19	The age-related changes of dietary phosphate responsiveness in plasma 1,25-dihydroxyvitamin D levels and renal Cyp27b1 and Cyp24a1 gene expression is associated with renal Î±-Klotho gene expression in mice. Journal of Clinical Biochemistry and Nutrition, 2018, 62, 68-74.	0.6	15
20	Short-term dietary phosphate restriction up-regulates ileal fibroblast growth factor 15 gene expression in mice. Journal of Clinical Biochemistry and Nutrition, 2014, 54, 102-108.	0.6	14
21	Sulforaphane induces lipophagy through the activation of AMPK-mTOR-ULK1 pathway signaling in adipocytes. Journal of Nutritional Biochemistry, 2022, 106, 109017.	1.9	14
22	Downregulation of renal type IIa sodium-dependent phosphate cotransporter during lipopolysaccharide-induced acute inflammation. American Journal of Physiology - Renal Physiology, 2014, 306, F744-F750.	1.3	13
23	Excessive dietary phosphorus intake impairs endothelial function in young healthy men: a time- and dose-dependent study. Journal of Medical Investigation, 2015, 62, 167-172.	0.2	13
24	Stanniocalcin 2 is positively and negatively controlled by 1,25(OH)2D3 and PTH in renal proximal tubular cells. Journal of Molecular Endocrinology, 2009, 42, 261-268.	1.1	12
25	Regulation of Î±-Klotho Expression by Dietary Phosphate During Growth Periods. Calcified Tissue International, 2019, 104, 667-678.	1.5	12
26	GPAT4-Generated Saturated LPAs Induce Lipotoxicity through Inhibition of Autophagy by Abnormal Formation of Omegasomes. IScience, 2020, 23, 101105.	1.9	12
27	Reduction of stearoyl-CoA desaturase (SCD) contributes muscle atrophy through the excess endoplasmic reticulum stress in chronic kidney disease. Journal of Clinical Biochemistry and Nutrition, 2020, 67, 179-187.	0.6	12
28	Free Deoxycholic Acid Exacerbates Vascular Calcification in CKD through ER Stress-Mediated ATF4 Activation. Kidney360, 2021, 2, 857-868.	0.9	11
29	Water extract ofCordyceps sinensis(WECS) inhibits the RANKLâ€induced osteoclast differentiation. BioFactors, 2007, 30, 105-116.	2.6	10
30	Niacin and Chronic Kidney Disease. Journal of Nutritional Science and Vitaminology, 2015, 61, S173-S175.	0.2	10
31	Phosphatemic Index Is a Novel Evaluation Tool for Dietary Phosphorus Load: A Whole-Foods Approach. , 2020, 30, 493-502.		10
32	Association of increased renal <i>Cyp24a1</i> gene expression with low plasma 1,25-dihydroxyvitamin D levels in rats with streptozotocin-induced diabetes. Journal of Clinical Biochemistry and Nutrition, 2020, 66, 49-56.	0.6	8
33	Up-regulation of stanniocalcin 1 expression by 1,25-dihydroxy vitamin D3 and parathyroid hormone in renal proximal tubular cells. Journal of Clinical Biochemistry and Nutrition, 2012, 50, 227-233.	0.6	7
34	All-trans retinoic acid reduces the transcriptional regulation of intestinal sodium-dependent phosphate co-transporter gene (Npt2b). Biochemical Journal, 2020, 477, 817-831.	1.7	7
35	Association of habitual high-fat intake and desire for protein and sweet food. Journal of Medical Investigation, 2016, 63, 241-247.	0.2	6
36	Identification of Dietary Phytochemicals Capable of Enhancing the Autophagy Flux in HeLa and Caco-2 Human Cell Lines. Antioxidants, 2020, 9, 1193.	2.2	6

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37	Isorhamnetin, a 3â€™-methoxylated flavonol, enhances the lysosomal proteolysis in J774.1 murine macrophages in a TFEB-independent manner.. Bioscience, Biotechnology and Biochemistry, 2020, 84, 1221-1231.	0.6	6
38	Dietary phosphate supplementation delays the onset of iron deficiency anemia and affects iron status in rats. Nutrition Research, 2015, 35, 1016-1024.	1.3	5
39	High-fat diets provoke phosphorus absorption from the small intestine in rats. Nutrition, 2020, 72, 110694.	1.1	5
40	Sterol regulatory element binding protein 1 trans-activates 25-hydroxy vitamin D3 24-hydroxylase gene expression in renal proximal tubular cells. Biochemical and Biophysical Research Communications, 2018, 500, 275-282.	1.0	4
41	Hypercholesterolemia and effects of high cholesterol diet in type IIa sodium-dependent phosphate co-transporter (Npt2a) deficient mice. Journal of Medical Investigation, 2013, 60, 191-196.	0.2	1
42	All-trans retinoic acid changes muscle fiber type via increasing GADD34 dependent on MAPK signal. Life Science Alliance, 2022, 5, e202101345.	1.3	1
43	25-hydroxyvitamin D-1Î±-hydroxylase (CYP27B1) induces ectopic calcification. Journal of Clinical Biochemistry and Nutrition, 2022, , .	0.6	1
44	InvestigationÂ ofÂ doseâ€dependentÂ effectsÂ ofÂ fatÂ onÂ blood glucose,Â serumÂ insulin,Â andÂ appetiteÂ sensation. Journal of Medical Investigation, 2018, 65, 203-207.	0.2	0