Masashi Masuda

List of Publications by Citations

42 papers	703 citations	16 h-index	25 g-index
45 ext. papers	849 ext. citations	4.2 avg, IF	3.51 L-index

#	Paper	IF	Citations
42	PERK-eIF2-ATF4-CHOP signaling contributes to TNF-induced vascular calcification. *Journal of the American Heart Association*, **2013**, 2, e000238	6	83
41	Dual activation of the bile acid nuclear receptor FXR and G-protein-coupled receptor TGR5 protects mice against atherosclerosis. *PLoS ONE*, **2014**, 9, e108270	3.7	76
40	Paradoxical regulation of human FGF21 by both fasting and feeding signals: is FGF21 a nutritional adaptation factor?. *PLoS ONE*, **2011**, 6, e22976	3.7	63
39	Saturated phosphatidic acids mediate saturated fatty acid-induced vascular calcification and lipotoxicity. *Journal of Clinical Investigation*, **2015**, 125, 4544-58	15.9	40
38	Activating transcription factor 4 regulates stearate-induced vascular calcification. *Journal of Lipid Research*, **2012**, 53, 1543-52	6.3	37
37	Endoplasmic reticulum stress effector CCAAT/enhancer-binding protein homologous protein (CHOP) regulates chronic kidney disease-induced vascular calcification. *Journal of the American Heart Association*, **2014**, 3, e000949	6	36
36	Increased lipogenesis and stearate accelerate vascular calcification in calcifying vascular cells. *Journal of Biological Chemistry*, **2011**, 286, 23938-49	5.4	30
35	Simultaneous inhibition of FXR and TGR5 exacerbates atherosclerotic formation. *Journal of Lipid Research*, **2018**, 59, 1709-1713	6.3	25
34	Liver X receptor negatively regulates fibroblast growth factor 21 in the fatty liver induced by cholesterol-enriched diet. *Journal of Nutritional Biochemistry*, **2012**, 23, 785-90	6.3	25
33	Activating transcription factor-4 promotes mineralization in vascular smooth muscle cells. *JCI Insight*, **2016**, 1, e88646	9.9	23
32	Regulation of renal sodium-dependent phosphate co-transporter genes (Npt2a and Npt2c) by all-trans-retinoic acid and its receptors. *Biochemical Journal*, **2010**, 429, 583-92	3.8	22
31	Dietary phosphate restriction induces hepatic lipid accumulation through dysregulation of cholesterol metabolism in mice. *Nutrition Research*, **2013**, 33, 586-93	4	18
30	Stanniocalcin 2 is associated with ectopic calcification in -klotho mutant mice and inhibits hyperphosphatemia-induced calcification in aortic vascular smooth muscle cells. *Bone*, **2012**, 50, 998-1005	4.7	18
29	Thyroid hormones regulate phosphate homoeostasis through transcriptional control of the renal type IIa sodium-dependent phosphate co-transporter (Npt2a) gene. *Biochemical Journal*, **2010**, 427, 161-9	3.8	18
28	Effects of dietary phosphate on glucose and lipid metabolism. *American Journal of Physiology - Endocrinology and Metabolism*, **2016**, 310, E526-38	6	18
27	Thyroid hormones decrease plasma 1,25-dihydroxyvitamin D levels through transcriptional repression of the renal 25-hydroxyvitamin D3 1-hydroxylase gene (CYP27B1). *Endocrinology*, **2013**, 154, 609-22	4.8	17
26	Dietary phosphate exacerbates intestinal inflammation in experimental colitis. *Journal of Clinical Biochemistry and Nutrition*, **2017**, 61, 91-99	3.1	14

25	Downregulation of renal type IIa sodium-dependent phosphate cotransporter during lipopolysaccharide-induced acute inflammation. *American Journal of Physiology - Renal Physiology*, **2014**, 306, F744-50	4.3	13
24	Short-term dietary phosphate restriction up-regulates ileal fibroblast growth factor 15 gene expression in mice. *Journal of Clinical Biochemistry and Nutrition*, **2014**, 54, 102-8	3.1	12
23	High phosphate diet suppresses lipogenesis in white adipose tissue. *Journal of Clinical Biochemistry and Nutrition*, **2018**, 63, 181-191	3.1	12
22	Excessive dietary phosphorus intake impairs endothelial function in young healthy men: a time- and dose-dependent study. *Journal of Medical Investigation*, **2015**, 62, 167-72	1.2	11
21	Stanniocalcin 2 is positively and negatively controlled by 1,25(OH)(2)D(3) and PTH in renal proximal tubular cells. *Journal of Molecular Endocrinology*, **2009**, 42, 261-8	4.5	10
20	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 Klotho gene expression in mice. *Journal of Clinical Biochemistry and Nutrition*, **2018**, 62, 68-74	3.1	9
19	Regulation of Klotho Expression by Dietary Phosphate During Growth Periods. *Calcified Tissue International*, **2019**, 104, 667-678	3.9	8
18	Water extract of Cordyceps sinensis (WECS) inhibits the RANKL-induced osteoclast differentiation. *BioFactors*, **2007**, 30, 105-16	6.1	8
17	Up-regulation of stanniocalcin 1 expression by 1,25-dihydroxy vitamin D(3) and parathyroid hormone in renal proximal tubular cells. *Journal of Clinical Biochemistry and Nutrition*, **2012**, 50, 227-33	3.1	7
16	GPAT4-Generated Saturated LPAs Induce Lipotoxicity through Inhibition of Autophagy by Abnormal Formation of Omegasomes. *IScience*, **2020**, 23, 101105	6.1	6
15	Association of habitual high-fat intake and desire for protein and sweet food. *Journal of Medical Investigation*, **2016**, 63, 241-7	1.2	6
14	Niacin and Chronic Kidney Disease. *Journal of Nutritional Science and Vitaminology*, **2015**, 61 Suppl, S173-5	1.1	5
13	Association of increased renal 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	3.1	5
12	Dietary phosphate supplementation delays the onset of iron deficiency anemia and affects iron status in rats. *Nutrition Research*, **2015**, 35, 1016-24	4	4
11	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	3.1	4
10	Identification of Dietary Phytochemicals Capable of Enhancing the Autophagy Flux in HeLa and Caco-2 Human Cell Lines. *Antioxidants*, **2020**, 9,	7.1	4
9	Isorhamnetin, a 3-methoxylated flavonol, enhances the lysosomal proteolysis in J774.1 murine macrophages in a TFEB-independent manner. *Bioscience, Biotechnology and Biochemistry*, **2020**, 84, 1221-1231	2.1	3
8	All-trans retinoic acid reduces the transcriptional regulation of intestinal sodium-dependent phosphate co-transporter gene (Npt2b). *Biochemical Journal*, **2020**, 477, 817-831	3.8	3

7	High-fat diets provoke phosphorus absorption from the small intestine in rats. *Nutrition*, **2020**, 72, 110694	4.8	3
6	Sterol regulatory element binding protein 1 trans-activates 25-hydroxy vitamin D 24-hydroxylase gene expression in renal proximal tubular cells. *Biochemical and Biophysical Research Communications*, **2018**, 500, 275-282	3.4	2
5	Phosphatemic Index Is a Novel Evaluation Tool for Dietary Phosphorus Load: A Whole-Foods Approach. *Journal of Renal Nutrition*, **2020**, 30, 493-502	3	2
4	Free Deoxycholic Acid Exacerbates Vascular Calcification in CKD through ER Stress-Mediated ATF4 Activation. *Kidney360*, **2021**, 2, 857-868	1.8	2
3	Sulforaphane induces lipophagy through the activation of AMPK-mTOR-ULK1 pathway signaling in adipocytes.. *Journal of Nutritional Biochemistry*, **2022**, 109017	6.3	1
2	Hypercholesterolemia and effects of high cholesterol diet in type IIa sodium-dependent phosphate co-transporter (Npt2a) deficient mice. *Journal of Medical Investigation*, **2013**, 60, 191-6	1.2	0
1	Investigation of dose-dependent effects of fat on blood glucose, serum insulin, and appetite sensation. *Journal of Medical Investigation*, **2018**, 65, 203-207	1.2	