

Masashi Masuda

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Sulforaphane induces lipophagy through the activation of AMPK-mTOR-ULK1 pathway signaling in adipocytes.. <i>Journal of Nutritional Biochemistry</i> , 2022 , 109017	6.3	1
41	Free Deoxycholic Acid Exacerbates Vascular Calcification in CKD through ER Stress-Mediated ATF4 Activation. <i>Kidney360</i> , 2021 , 2, 857-868	1.8	2
40	GPAT4-Generated Saturated LPAs Induce Lipotoxicity through Inhibition of Autophagy by Abnormal Formation of Omegasomes. <i>IScience</i> , 2020 , 23, 101105	6.1	6
39	Isorhamnetin, a 3Fmethoxylated flavonol, enhances the lysosomal proteolysis in J774.1 murine macrophages in a TFEB-independent manner. <i>Bioscience, Biotechnology and Biochemistry</i> , 2020 , 84, 1221 ^{2,1} 1231 ³		3
38	Association of increased renal gene expression with low plasma 1,25-dihydroxyvitamin D levels in rats with streptozotocin-induced diabetes. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2020 , 66, 49-56 ^{3,1}		5
37	Reduction of stearyl-CoA desaturase (SCD) contributes muscle atrophy through the excess endoplasmic reticulum stress in chronic kidney disease. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2020 , 67, 179-187	3.1	4
36	All-trans retinoic acid reduces the transcriptional regulation of intestinal sodium-dependent phosphate co-transporter gene (Npt2b). <i>Biochemical Journal</i> , 2020 , 477, 817-831	3.8	3
35	High-fat diets provoke phosphorus absorption from the small intestine in rats. <i>Nutrition</i> , 2020 , 72, 11069 ⁴⁸	4.8	3
34	Identification of Dietary Phytochemicals Capable of Enhancing the Autophagy Flux in HeLa and Caco-2 Human Cell Lines. <i>Antioxidants</i> , 2020 , 9,	7.1	4
33	Phosphatemic Index Is a Novel Evaluation Tool for Dietary Phosphorus Load: A Whole-Foods Approach. <i>Journal of Renal Nutrition</i> , 2020 , 30, 493-502	3	2
32	Regulation of Klotho Expression by Dietary Phosphate During Growth Periods. <i>Calcified Tissue International</i> , 2019 , 104, 667-678	3.9	8
31	Sterol regulatory element binding protein 1 trans-activates 25-hydroxy vitamin D 24-hydroxylase gene expression in renal proximal tubular cells. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 500, 275-282	3.4	2
30	Simultaneous inhibition of FXR and TGR5 exacerbates atherosclerotic formation. <i>Journal of Lipid Research</i> , 2018 , 59, 1709-1713	6.3	25
29	High phosphate diet suppresses lipogenesis in white adipose tissue. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2018 , 63, 181-191	3.1	12
28	Investigation of dose-dependent effects of fat on blood glucose, serum insulin, and appetite sensation. <i>Journal of Medical Investigation</i> , 2018 , 65, 203-207	1.2	
27	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. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2018 , 62, 68-74	3.1	9
26	Dietary phosphate exacerbates intestinal inflammation in experimental colitis. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2017 , 61, 91-99	3.1	14

25	Association of habitual high-fat intake and desire for protein and sweet food. <i>Journal of Medical Investigation</i> , 2016 , 63, 241-7	1.2	6
24	Activating transcription factor-4 promotes mineralization in vascular smooth muscle cells. <i>JCI Insight</i> , 2016 , 1, e88646	9.9	23
23	Effects of dietary phosphate on glucose and lipid metabolism. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016 , 310, E526-38	6	18
22	Dietary phosphate supplementation delays the onset of iron deficiency anemia and affects iron status in rats. <i>Nutrition Research</i> , 2015 , 35, 1016-24	4	4
21	Niacin and Chronic Kidney Disease. <i>Journal of Nutritional Science and Vitaminology</i> , 2015 , 61 Suppl, S173-51		5
20	Excessive dietary phosphorus intake impairs endothelial function in young healthy men: a time- and dose-dependent study. <i>Journal of Medical Investigation</i> , 2015 , 62, 167-72	1.2	11
19	Saturated phosphatidic acids mediate saturated fatty acid-induced vascular calcification and lipotoxicity. <i>Journal of Clinical Investigation</i> , 2015 , 125, 4544-58	15.9	40
18	Downregulation of renal type IIa sodium-dependent phosphate cotransporter during lipopolysaccharide-induced acute inflammation. <i>American Journal of Physiology - Renal Physiology</i> , 2014 , 306, F744-50	4.3	13
17	Short-term dietary phosphate restriction up-regulates ileal fibroblast growth factor 15 gene expression in mice. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2014 , 54, 102-8	3.1	12
16	Endoplasmic reticulum stress effector CCAAT/enhancer-binding protein homologous protein (CHOP) regulates chronic kidney disease-induced vascular calcification. <i>Journal of the American Heart Association</i> , 2014 , 3, e000949	6	36
15	Dual activation of the bile acid nuclear receptor FXR and G-protein-coupled receptor TGR5 protects mice against atherosclerosis. <i>PLoS ONE</i> , 2014 , 9, e108270	3.7	76
14	Dietary phosphate restriction induces hepatic lipid accumulation through dysregulation of cholesterol metabolism in mice. <i>Nutrition Research</i> , 2013 , 33, 586-93	4	18
13	Hypercholesterolemia and effects of high cholesterol diet in type IIa sodium-dependent phosphate co-transporter (Npt2a) deficient mice. <i>Journal of Medical Investigation</i> , 2013 , 60, 191-6	1.2	0
12	Thyroid hormones decrease plasma 1,25-dihydroxyvitamin D levels through transcriptional repression of the renal 25-hydroxyvitamin D3 1-hydroxylase gene (CYP27B1). <i>Endocrinology</i> , 2013 , 154, 609-22	4.8	17
11	PERK-eIF2 β -ATF4-CHOP signaling contributes to TNF α -induced vascular calcification. <i>Journal of the American Heart Association</i> , 2013 , 2, e000238	6	83
10	Liver X receptor negatively regulates fibroblast growth factor 21 in the fatty liver induced by cholesterol-enriched diet. <i>Journal of Nutritional Biochemistry</i> , 2012 , 23, 785-90	6.3	25
9	Stanniocalcin 2 is associated with ectopic calcification in <i>Eklotho</i> mutant mice and inhibits hyperphosphatemia-induced calcification in aortic vascular smooth muscle cells. <i>Bone</i> , 2012 , 50, 998-1005	4.7	18
8	Activating transcription factor 4 regulates stearate-induced vascular calcification. <i>Journal of Lipid Research</i> , 2012 , 53, 1543-52	6.3	37

7	Up-regulation of stanniocalcin 1 expression by 1,25-dihydroxy vitamin D(3) and parathyroid hormone in renal proximal tubular cells. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2012 , 50, 227-33	3.1	7
6	Paradoxical regulation of human FGF21 by both fasting and feeding signals: is FGF21 a nutritional adaptation factor?. <i>PLoS ONE</i> , 2011 , 6, e22976	3.7	63
5	Increased lipogenesis and stearate accelerate vascular calcification in calcifying vascular cells. <i>Journal of Biological Chemistry</i> , 2011 , 286, 23938-49	5.4	30
4	Thyroid hormones regulate phosphate homoeostasis through transcriptional control of the renal type IIa sodium-dependent phosphate co-transporter (Npt2a) gene. <i>Biochemical Journal</i> , 2010 , 427, 161-9	3.8	18
3	Regulation of renal sodium-dependent phosphate co-transporter genes (Npt2a and Npt2c) by all-trans-retinoic acid and its receptors. <i>Biochemical Journal</i> , 2010 , 429, 583-92	3.8	22
2	Stanniocalcin 2 is positively and negatively controlled by 1,25(OH)(2)D(3) and PTH in renal proximal tubular cells. <i>Journal of Molecular Endocrinology</i> , 2009 , 42, 261-8	4.5	10
1	Water extract of Cordyceps sinensis (WECS) inhibits the RANKL-induced osteoclast differentiation. <i>BioFactors</i> , 2007 , 30, 105-16	6.1	8