Teruo Miyazaki

List of Publications by Year
in descending order

62 papers	1,874 citations	257450 24 h-index	265206 42 g-index
62 all docs	62 docs citations	62 times ranked	2698 citing authors

#	Article	IF	Citations
1	Highly sensitive quantification of key regulatory oxysterols in biological samples by LC-ESI-MS/MS. Journal of Lipid Research, 2009, 50, 350-357.	4.2	165
2	Anticholestatic effects of bezafibrate in patients with primary biliary cirrhosis treated with ursodeoxycholic acid. Hepatology, 2013, 57, 1931-1941.	7.3	156
3	Regulation of bile acid metabolism in mouse models with hydrophobic bile acid composition. Journal of Lipid Research, 2020, 61, 54-69.	4.2	115
4	Stigmasterol reduces plasma cholesterol levels and inhibits hepatic synthesis and intestinal absorption in the rat. Metabolism: Clinical and Experimental, 2006, 55, 292-299.	3.4	101
5	Cholesterol 25-hydroxylation activity of CYP3A. Journal of Lipid Research, 2011, 52, 1509-1516.	4.2	99
6	Taurine inhibits oxidative damage and prevents fibrosis in carbon tetrachloride-induced hepatic fibrosis. Journal of Hepatology, 2005, 43, 117-125.	3.7	96
7	Taurine and liver diseases: a focus on the heterogeneous protective properties of taurine. Amino Acids, 2014, 46, 101-110.	2.7	84
8	Effects of taurine administration in rat skeletal muscles on exercise. Journal of Orthopaedic Science, 2003, 8, 415-419.	1.1	68
9	Combined effect of branched-chain amino acids and taurine supplementation on delayed onset muscle soreness and muscle damage in high-intensity eccentric exercise. Journal of the International Society of Sports Nutrition, 2013, 10, 51.	3.9	61
10	Optimal and effective oral dose of taurine to prolong exercise performance in rat. Amino Acids, 2004, 27, 291-298.	2.7	58
11	Increased serum liver X receptor ligand oxysterols in patients with non-alcoholic fatty liver disease. Journal of Gastroenterology, 2012, 47, 1257-1266.	5.1	54
12	Decreased taurine concentration in skeletal muscles after exercise for various durations. Medicine and Science in Sports and Exercise, 2002, 34, 793-797.	0.4	51
13	Involvement of integrin-linked kinase in carbon tetrachlorideâ€“induced hepatic fibrosis in rats. Hepatology, 2006, 44, 612-622.	7.3	51
14	Highly sensitive and specific analysis of sterol profiles in biological samples by HPLCâ€“ESIâ€“MS/MS. Journal of Steroid Biochemistry and Molecular Biology, 2010, 121, 556-564.	2.5	49
15	Detection of Gut Dysbiosis due to Reduced Clostridium Subcluster XIVa Using the Fecal or Serum Bile Acid Profile. Inflammatory Bowel Diseases, 2018, 24, 1035-1044.	1.9	40
16	Increased serum oxysterol concentrations in patients with chronic hepatitis C virus infection. Biochemical and Biophysical Research Communications, 2014, 446, 736-740.	2.1	37
17	Apoptosis and inhibition of the phosphatidylinositol 3-kinase/Akt signaling pathway in the anti-proliferative actions of dehydroepiandrosterone. Journal of Gastroenterology, 2005, 40, 490-497.	5.1	35
18	Bile Acid Malabsorption Deactivates Pregnane X Receptor in Patients with Crohnâ€™s Disease. Inflammatory Bowel Diseases, 2013, 19, 1278-1284.	1.9	32

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19	Simultaneous quantification of salivary 3-hydroxybutyrate, 3-hydroxyisobutyrate, 3-hydroxy-3-methylbutyrate, and 2-hydroxybutyrate as possible markers of amino acid and fatty acid catabolic pathways by LCâ€“ESIâ€“MS/MS. SpringerPlus, 2015, 4, 494.	1.2	31
20	Dual Mode of glucagon receptor internalization: Role of PKCÎ±, GRKs and Î²-arrestins. Experimental Cell Research, 2011, 317, 2981-2994.	2.6	30
21	Molecular mechanism of serotonin via methyl farnesoate in ovarian development of white shrimp: Fenneropenaeus merguiensis de Man. Aquaculture, 2011, 321, 101-107.	3.5	29
22	The Niemann-Pick C1 Like 1 (NPC1L1) Inhibitor Ezetimibe Improves Metabolic Disease Via Decreased Liver X Receptor (LXR) Activity in Liver of Obese Male Mice. Endocrinology, 2014, 155, 2810-2819.	2.8	28
23	Serum concentration of 27â€hydroxycholesterol predicts the effects of highâ€cholesterol diet on plasma LDL cholesterol level. Hepatology Research, 2009, 39, 149-156.	3.4	26
24	Characterization and Biological Activity of the Ribosomal Protein L10a of the White Shrimp: Fenneropenaeus merguiensis De Man During Vitellogenesis. Marine Biotechnology, 2010, 12, 230-240.	2.4	26
25	Effect of BCAA supplement timing on exercise-induced muscle soreness and damage: a pilot placebo-controlled double-blind study. Journal of Sports Medicine and Physical Fitness, 2018, 58, 1582-1591.	0.7	26
26	Glucagon receptor recycling: role of carboxyl terminus, Î²-arrestins, and cytoskeleton. American Journal of Physiology - Cell Physiology, 2008, 295, C1230-C1237.	4.6	23
27	Simultaneous determination of dehydroepiandrosterone and its 7-oxygenated metabolites in human serum by high-resolution gas chromatographyâ€“mass spectrometry. Steroids, 2004, 69, 817-824.	1.8	22
28	The Protective Effect of Taurine Against Hepatic Damage in a Model of Liver Disease and Hepatic Stellate Cells. Advances in Experimental Medicine and Biology, 2009, 643, 293-303.	1.6	22
29	Highly sensitive quantification of serum malonate, a possible marker for de novo lipogenesis, by LC-ESI-MS/MS. Journal of Lipid Research, 2009, 50, 2124-2130.	4.2	20
30	Hypercholesterolemia in rats with hepatomas: Increased oxysterols accelerate efflux but do not inhibit biosynthesis of cholesterol. Hepatology, 2006, 44, 602-611.	7.3	19
31	Impaired bile acid metabolism with defectives of mitochondrial-tRNA taurine modification and bile acid taurine conjugation in the taurine depleted cats. Scientific Reports, 2020, 10, 4915.	3.3	18
32	The Role of Taurine on Skeletal Muscle Cell Differentiation. Advances in Experimental Medicine and Biology, 2013, 776, 321-328.	1.6	18
33	Hepatitis C virus infection causes hypolipidemia regardless of hepatic damage or nutritional state: An epidemiological survey of a large Japanese cohort. Hepatology Research, 2011, 41, 530-541.	3.4	17
34	Retention of acetylcarnitine in chronic kidney disease causes insulin resistance in skeletal muscle. Journal of Clinical Biochemistry and Nutrition, 2016, 59, 199-206.	1.4	15
35	The harmful effect of exercise on reducing taurine concentration in the tissues of rats treated with CCl4 administration. Journal of Gastroenterology, 2004, 39, 557-562.	5.1	14
36	Effect of taurine supplementation on the alterations in amino Acid content in skeletal muscle with exercise in rat. Journal of Sports Science and Medicine, 2011, 10, 306-14.	1.6	13

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37	Serum carnitine as an independent biomarker of malnutrition in patients with impaired oral intake. Journal of Clinical Biochemistry and Nutrition, 2014, 55, 221-227.	1.4	11
38	Serum Amino Acid Profiling in Citrin-Deficient Children Exhibiting Normal Liver Function During the Apparently Healthy Period. JIMD Reports, 2018, 43, 53-61.	1.5	9
39	Human-specific dual regulations of FXR-activation for reduction of fatty liver using <i>in vitro</i> cell culture model. Journal of Clinical Biochemistry and Nutrition, 2019, 64, 112-123.	1.4	9
40	Sex-, age-, and organ-dependent improvement of bile acid hydrophobicity by ursodeoxycholic acid treatment: A study using a mouse model with human-like bile acid composition. PLoS ONE, 2022, 17, e0271308.	2.5	9
41	Degeneration of skeletal muscle fibers in the rat administrated carbon tetrachloride: similar histological findings of the muscle in a 64-year-old patient of LC with muscle cramp. Hepatology Research, 2002, 24, 368-378.	3.4	7
42	Amino acid ratios in plasma and tissues in a rat model of liver cirrhosis before and after exercise. Hepatology Research, 2003, 27, 230-237.	3.4	7
43	Additional Effects of Taurine on the Benefits of BCAA Intake for the Delayed-Onset Muscle Soreness and Muscle Damage Induced by High-Intensity Eccentric Exercise. Advances in Experimental Medicine and Biology, 2013, 776, 179-187.	1.6	7
44	Increased N-Acetyltaurine in the Skeletal Muscle After Endurance Exercise in Rat. Advances in Experimental Medicine and Biology, 2017, 975 Pt 1, 403-411.	1.6	7
45	Circulating bile acid profiles in Japanese patients with NASH. GastroHep, 2019, 1, 302-310.	0.6	7
46	Western Diet Changes Gut Microbiota and Ameliorates Liver Injury in a Mouse Model with Humanâ€Like Bile Acid Composition. Hepatology Communications, 2021, 5, 2052-2067.	4.3	7
47	Increased N-Acetyltaurine in Serum and Urine After Endurance Exercise in Human. Advances in Experimental Medicine and Biology, 2015, 803, 53-62.	1.6	7
48	Influences of Taurine Deficiency on Bile Acids of the Bile in the Cat Model. Advances in Experimental Medicine and Biology, 2019, 1155, 35-44.	1.6	6
49	N-acetyltaurine and Acetylcarnitine Production for the Mitochondrial Acetyl-CoA Regulation in Skeletal Muscles during Endurance Exercises. Metabolites, 2021, 11, 522.	2.9	6
50	Regulation of taurine conjugation and biosynthesis by bile acids through farnesoid <scp>X</scp> receptor activation. Hepatology Research, 2014, 44, E1-2.	3.4	5
51	The associated markers and their limitations for the primary screening of HCV carriers in public health examination. Hepatology Research, 2009, 39, 664-674.	3.4	4
52	Regulatory T cells and liver pathology in a murine graft versus host response model. Hepatology Research, 2009, 39, 585-594.	3.4	3
53	Differences in the Serum 4Î²-hydroxycholesterol Levels of Patients with Chronic Hepatitis C Virus (HCV) Infection: A Possible Impact on the Efficacy and Safety of Interferon (IFN)-free Treatment. Internal Medicine, 2018, 57, 1219-1227.	0.7	3
54	Comparative study between public and occupational health examinations in Ibaraki Prefecture. Acta Hepatologica Japonica, 2010, 51, 528-530.	0.1	3

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55	Comparison of the amino acid profile between the nontumor and tumor regions in patients with lung cancer. American Journal of Cancer Research, 2020, 10, 2145-2159.	1.4	3
56	Differential Effect of Non-Purified and Semi-Purified Standard Diets on Kynurenine and Peripheral Metabolites in Male C57BL/6J Mice. International Journal of Tryptophan Research, 2022, 15, 117864692110662.	2.3	2
57	Taurine supplementation enhances endurance capacity by delaying blood glucose decline during prolonged exercise in rats. Amino Acids, 2022, 54, 251-260.	2.7	2
58	Evaluation of the Risk of Clostridium difficile Infection Using a Serum Bile Acid Profile. Metabolites, 2022, 12, 331.	2.9	1
59	Detection of Gut Dysbiosis due to Reduced Clostridium Clostridium Subcluster XIVa by Based on the Serum Bile Acid Profile. Gastroenterology, 2017, 152, S624.	1.3	0
60	The augmentative action of taurine on the differentiation of C2C12 cells to myotube. FASEB Journal, 2011, 25, .	0.5	0
61	The effectiveness of carnitine on triglyceride catabolism in fatty liver cultured cell model. FASEB Journal, 2013, 27, 856.4.	0.5	0
62	Evaluation of taurine content on skeletal muscle of exercised rats using MALDI-TOF MS imaging analysis. The Journal of Physical Fitness and Sports Medicine, 2020, 9, 165-171.	0.3	0