Srinivasan Dasarathy

List of Publications by Citations

134 papers	13,156 citations	49 h-index	114 g-index
153 ext. papers	16,377 ext. citations	6.3 avg, IF	6.54 L-index

#	Paper	IF	Citations
134	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy*, **2016**, 12, 1-222	10.2	3838
133	Farnesoid X nuclear receptor ligand obeticholic acid for non-cirrhotic, non-alcoholic steatohepatitis (FLINT): a multicentre, randomised, placebo-controlled trial. *Lancet, The*, **2015**, 385, 956-65	40	1421
132	Alcoholic liver disease. *Hepatology*, **2010**, 51, 307-28	11.2	845
131	Validity of real time ultrasound in the diagnosis of hepatic steatosis: a prospective study. *Journal of Hepatology*, **2009**, 51, 1061-7	13.4	366
130	Plasma metabolomic profile in nonalcoholic fatty liver disease. *Metabolism: Clinical and Experimental*, **2011**, 60, 404-13	12.7	318
129	EASL Clinical Practice Guidelines on nutrition in chronic liver disease. *Journal of Hepatology*, **2019**, 70, 172-193	13.4	305
128	Sarcopenia from mechanism to diagnosis and treatment in liver disease. *Journal of Hepatology*, **2016**, 65, 1232-1244	13.4	279
127	A multicenter study to define sarcopenia in patients with end-stage liver disease. *Liver Transplantation*, **2017**, 23, 625-633	4.5	221
126	ESPEN guideline on clinical nutrition in liver disease. *Clinical Nutrition*, **2019**, 38, 485-521	5.9	202
125	Fulminant hepatitis in a tropical population: clinical course, cause, and early predictors of outcome. *Hepatology*, **1996**, 23, 1448-55	11.2	192
124	Alcoholic liver disease. *American Journal of Gastroenterology*, **2010**, 105, 14-32; quiz 33	0.7	179
123	Consilience in sarcopenia of cirrhosis. *Journal of Cachexia, Sarcopenia and Muscle*, **2012**, 3, 225-37	10.3	166
122	Malnutrition in cirrhosis: contribution and consequences of sarcopenia on metabolic and clinical responses. *Clinics in Liver Disease*, **2012**, 16, 95-131	4.6	157
121	Vibration-Controlled Transient Elastography to Assess Fibrosis and Steatosis in Patients With Nonalcoholic Fatty Liver Disease. *Clinical Gastroenterology and Hepatology*, **2019**, 17, 156-163.e2	6.9	149
120	Late evening snack: exploiting a period of anabolic opportunity in cirrhosis. *Journal of Gastroenterology and Hepatology (Australia)*, **2012**, 27, 430-41	4	148
119	Hyperammonemia in cirrhosis induces transcriptional regulation of myostatin by an NF-B-mediated mechanism. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 18162-7	11.5	144
118	Sodium benzoate in the treatment of acute hepatic encephalopathy: a double-blind randomized trial. *Hepatology*, **1992**, 16, 138-44	11.2	142

117	Role of fresh frozen plasma infusion in correction of coagulopathy of chronic liver disease: a dual phase study. *American Journal of Gastroenterology*, **2003**, 98, 1391-4	0.7	141
116	Metabolic and molecular responses to leucine-enriched branched chain amino acid supplementation in the skeletal muscle of alcoholic cirrhosis. *Hepatology*, **2015**, 61, 2018-29	11.2	138
115	The TMAO-Producing Enzyme Flavin-Containing Monooxygenase 3 Regulates Obesity and the Beiging of White Adipose Tissue. *Cell Reports*, **2017**, 19, 2451-2461	10.6	124
114	Reversal of sarcopenia predicts survival after a transjugular intrahepatic portosystemic stent. *European Journal of Gastroenterology and Hepatology*, **2013**, 25, 85-93	2.2	124
113	Posttransplant metabolic syndrome: an epidemic waiting to happen. *Liver Transplantation*, **2009**, 15, 1662-70	4.5	122
112	Hyperammonemia-mediated autophagy in skeletal muscle contributes to sarcopenia of cirrhosis. *American Journal of Physiology - Endocrinology and Metabolism*, **2012**, 303, E983-93	6	121
111	Prevalence of hypothyroidism in nonalcoholic fatty liver disease. *Digestive Diseases and Sciences*, **2012**, 57, 528-34	4	119
110	Post-liver transplantation sarcopenia in cirrhosis: a prospective evaluation. *Journal of Gastroenterology and Hepatology (Australia)*, **2014**, 29, 1250-7	4	114
109	Double-blind randomized placebo-controlled clinical trial of omega 3 fatty acids for the treatment of diabetic patients with nonalcoholic steatohepatitis. *Journal of Clinical Gastroenterology*, **2015**, 49, 137-44	3	112
108	Ammonia toxicity: from head to toe?. *Metabolic Brain Disease*, **2017**, 32, 529-538	3.9	108
107	Association of Histologic Disease Activity With Progression of Nonalcoholic Fatty Liver Disease. *JAMA Network Open*, **2019**, 2, e1912565	10.4	108
106	A North American Expert Opinion Statement on Sarcopenia in Liver Transplantation. *Hepatology*, **2019**, 70, 1816-1829	11.2	105
105	Elevated hepatic fatty acid oxidation, high plasma fibroblast growth factor 21, and fasting bile acids in nonalcoholic steatohepatitis. *European Journal of Gastroenterology and Hepatology*, **2011**, 23, 382-8	2.2	91
104	Ammonia lowering reverses sarcopenia of cirrhosis by restoring skeletal muscle proteostasis. *Hepatology*, **2017**, 65, 2045-2058	11.2	88
103	Alcohol-induced autophagy contributes to loss in skeletal muscle mass. *Autophagy*, **2014**, 10, 677-90	10.2	87
102	Skeletal muscle atrophy is associated with an increased expression of myostatin and impaired satellite cell function in the portacaval anastamosis rat. *American Journal of Physiology - Renal Physiology*, **2004**, 287, G1124-30	5.1	84
101	Hypovitaminosis D is associated with increased whole body fat mass and greater severity of non-alcoholic fatty liver disease. *Liver International*, **2014**, 34, e118-27	7.9	77
100	Sarcopenia associated with portosystemic shunting is reversed by follistatin. *Journal of Hepatology*, **2011**, 54, 915-21	13.4	77

99	Hyperammonaemia-induced skeletal muscle mitochondrial dysfunction results in cataplerosis and oxidative stress. *Journal of Physiology*, **2016**, 594, 7341-7360	3.9	76
98	Metabolic adaptation of skeletal muscle to hyperammonemia drives the beneficial effects of l-leucine in cirrhosis. *Journal of Hepatology*, **2016**, 65, 929-937	13.4	70
97	Posttransplant sarcopenia: an underrecognized early consequence of liver transplantation. *Digestive Diseases and Sciences*, **2013**, 58, 3103-11	4	69
96	Poor performance of psoas muscle index for identification of patients with higher waitlist mortality risk in cirrhosis. *Journal of Cachexia, Sarcopenia and Muscle*, **2018**, 9, 1053-1062	10.3	62
95	Cause and management of muscle wasting in chronic liver disease. *Current Opinion in Gastroenterology*, **2016**, 32, 159-65	3	60
94	Clinical impact of alcohol-related cirrhosis in the next decade: estimates based on current epidemiological trends in the United States. *Alcoholism: Clinical and Experimental Research*, **2015**, 39, 2085-94	3.7	57
93	Renin-angiotensin system and fibrosis in non-alcoholic fatty liver disease. *Liver International*, **2015**, 35, 979-85	7.9	56
92	Sarcopenia in Alcoholic Liver Disease: Clinical and Molecular Advances. *Alcoholism: Clinical and Experimental Research*, **2017**, 41, 1419-1431	3.7	52
91	ESPEN practical guideline: Clinical nutrition in liver disease. *Clinical Nutrition*, **2020**, 39, 3533-3562	5.9	52
90	Altered expression of genes regulating skeletal muscle mass in the portacaval anastomosis rat. *American Journal of Physiology - Renal Physiology*, **2007**, 292, G1105-13	5.1	51
89	Changes in body composition after transjugular intrahepatic portosystemic stent in cirrhosis: a critical review of literature. *Liver International*, **2011**, 31, 1250-8	7.9	49
88	Metabolic and genomic response to dietary isocaloric protein restriction in the rat. *Journal of Biological Chemistry*, **2011**, 286, 5266-77	5.4	49
87	Impact of obeticholic acid on the lipoprotein profile in patients with non-alcoholic steatohepatitis. *Journal of Hepatology*, **2020**, 72, 25-33	13.4	49
86	Sarcopenia and a physiologically low respiratory quotient in patients with cirrhosis: a prospective controlled study. *Journal of Applied Physiology*, **2013**, 114, 559-65	3.7	48
85	Hyperammonemia and proteostasis in cirrhosis. *Current Opinion in Clinical Nutrition and Metabolic Care*, **2018**, 21, 30-36	3.8	45
84	Nutrition and Alcoholic Liver Disease: Effects of Alcoholism on Nutrition, Effects of Nutrition on Alcoholic Liver Disease, and Nutritional Therapies for Alcoholic Liver Disease. *Clinics in Liver Disease*, **2016**, 20, 535-50	4.6	42
83	Clinical spectrum of non-alcoholic fatty liver disease in diabetic and non-diabetic patients. *BBA Clinical*, **2015**, 3, 141-5		41
82	Do handheld calorimeters have a role in assessment of nutrition needs in hospitalized patients? A systematic review of literature. *Nutrition in Clinical Practice*, **2011**, 26, 426-33	3.6	40

81	Multicenter Validation of Association Between Decline in MRI-PDFF and Histologic Response in NASH. *Hepatology*, **2020**, 72, 1219-1229	11.2	39
80	Diagnosis and management of alcoholic liver disease. *Journal of Digestive Diseases*, **2011**, 12, 257-62	3.3	37
79	Hyperammonemia results in reduced muscle function independent of muscle mass. *American Journal of Physiology - Renal Physiology*, **2016**, 310, G163-70	5.1	36
78	Histologic Findings of Advanced Fibrosis and Cirrhosis in Patients With Nonalcoholic Fatty Liver Disease Who Have Normal Aminotransferase Levels. *American Journal of Gastroenterology*, **2019**, 114, 1626-1635	0.7	34
77	Prospective Study of Outcomes in Adults with Nonalcoholic Fatty Liver Disease. *New England Journal of Medicine*, **2021**, 385, 1559-1569	59.2	33
76	MLKL-dependent signaling regulates autophagic flux in a murine model of non-alcohol-associated fatty liver and steatohepatitis. *Journal of Hepatology*, **2020**, 73, 616-627	13.4	32
75	Hepatic Mitochondrial Defects in a Nonalcoholic Fatty Liver Disease Mouse Model Are Associated with Increased Degradation of Oxidative Phosphorylation Subunits. *Molecular and Cellular Proteomics*, **2018**, 17, 2371-2386	7.6	32
74	Relationship between three commonly used non-invasive fibrosis biomarkers and improvement in fibrosis stage in patients with non-alcoholic steatohepatitis. *Liver International*, **2019**, 39, 924-932	7.9	31
73	Biomarkers of Macrophage Activation and Immune Danger Signals Predict Clinical Outcomes in Alcoholic Hepatitis. *Hepatology*, **2019**, 70, 1134-1149	11.2	30
72	Malnutrition, Frailty, and Sarcopenia in Patients With Cirrhosis: 2021 Practice Guidance by the American Association for the Study of Liver Diseases. *Hepatology*, **2021**, 74, 1611-1644	11.2	30
71	Oxidative stress mediates ethanol-induced skeletal muscle mitochondrial dysfunction and dysregulated protein synthesis and autophagy. *Free Radical Biology and Medicine*, **2019**, 145, 284-299	7.8	29
70	Glycine and urea kinetics in nonalcoholic steatohepatitis in human: effect of intralipid infusion. *American Journal of Physiology - Renal Physiology*, **2009**, 297, G567-75	5.1	27
69	Presence of sarcopenia (muscle wasting) in patients with nonalcoholic steatohepatitis. *Hepatology*, **2014**, 60, 428-9	11.2	25
68	Bariatric Surgery in Patients with Cirrhosis and Portal Hypertension. *Obesity Surgery*, **2018**, 28, 3431-3438	3.7	24
67	In vitro contraction protects against palmitate-induced insulin resistance in C2C12 myotubes. *American Journal of Physiology - Cell Physiology*, **2017**, 313, C575-C583	5.4	24
66	Handheld calorimeter is a valid instrument to quantify resting energy expenditure in hospitalized cirrhotic patients: a prospective study. *Nutrition in Clinical Practice*, **2012**, 27, 677-88	3.6	24
65	Keratin 18 Is a Diagnostic and Prognostic Factor for Acute Alcoholic Hepatitis. *Clinical Gastroenterology and Hepatology*, **2020**, 18, 2046-2054	6.9	23
64	Inhibition of aromatase improves nutritional status following portacaval anastomosis in male rats. *Journal of Hepatology*, **2006**, 45, 214-20	13.4	21

63	Continued muscle loss increases mortality in cirrhosis: Impact of aetiology of liver disease. *Liver International*, **2020**, 40, 1178-1188	7.9	21
62	Association of Bariatric Surgery With Major Adverse Liver and Cardiovascular Outcomes in Patients With Biopsy-Proven Nonalcoholic Steatohepatitis. *JAMA - Journal of the American Medical Association*, **2021**, 326, 2031-2042	27.4	19
61	Bile acids profile, histopathological indices and genetic variants for non-alcoholic fatty liver disease progression. *Metabolism: Clinical and Experimental*, **2021**, 116, 154457	12.7	19
60	Safety and efficacy of bariatric surgery in patients with advanced fibrosis. *International Journal of Obesity*, **2017**, 41, 443-449	5.5	18
59	Preservation of portal pressure improves growth and metabolic profile in the male portacaval-shunted rat. *Digestive Diseases and Sciences*, **2002**, 47, 1936-42	4	18
58	Treatment to improve nutrition and functional capacity evaluation in liver transplant candidates. *Current Treatment Options in Gastroenterology*, **2014**, 12, 242-55	2.5	17
57	Patients with Nonalcoholic Fatty Liver Disease Have a Low Response Rate to Vitamin D Supplementation. *Journal of Nutrition*, **2017**, 147, 1938-1946	4.1	17
56	Inflammation and liver. *Journal of Parenteral and Enteral Nutrition*, **2008**, 32, 660-6	4.2	16
55	Ethanol sensitizes skeletal muscle to ammonia-induced molecular perturbations. *Journal of Biological Chemistry*, **2019**, 294, 7231-7244	5.4	15
54	Alteration in body composition in the portacaval anastamosis rat is mediated by increased expression of myostatin. *American Journal of Physiology - Renal Physiology*, **2011**, 301, G731-8	5.1	15
53	Sarcopenia and frailty in decompensated cirrhosis. *Journal of Hepatology*, **2021**, 75 Suppl 1, S147-S162	13.4	15
52	Association of non-alcoholic fatty liver disease and polycystic ovarian syndrome. *BMJ Open Gastroenterology*, **2020**, 7,	3.9	14
51	Interobserver Variability in Scoring Liver Biopsies with a Diagnosis of Alcoholic Hepatitis. *Alcoholism: Clinical and Experimental Research*, **2017**, 41, 1568-1573	3.7	13
50	Multiomics-Identified Intervention to Restore Ethanol-Induced Dysregulated Proteostasis and Secondary Sarcopenia in Alcoholic Liver Disease. *Cellular Physiology and Biochemistry*, **2021**, 55, 91-116	3.9	13
49	Effect of Acid Suppressants on the Risk of COVID-19: A Propensity Score-Matched Study Using UK Biobank. *Gastroenterology*, **2021**, 160, 455-458.e5	13.3	12
48	HDL flux is higher in patients with nonalcoholic fatty liver disease. *American Journal of Physiology - Endocrinology and Metabolism*, **2019**, 317, E852-E862	6	11
47	Age impacts ability of aspartate-alanine aminotransferase ratio to predict advanced fibrosis in nonalcoholic Fatty liver disease. *Digestive Diseases and Sciences*, **2015**, 60, 1825-31	4	11
46	The effect of hyperammonemia on myostatin and myogenic regulatory factor gene expression in broiler embryos. *Animal*, **2015**, 9, 992-9	3.1	11

45	The development of a non-invasive model to predict the presence of non-alcoholic steatohepatitis in patients with non-alcoholic fatty liver disease. *Journal of Gastroenterology and Hepatology (Australia)*, **2016**, 31, 995-1000	4	11
44	Gallbladder abnormalities in acute viral hepatitis: a prospective ultrasound evaluation. *Journal of Clinical Gastroenterology*, **1991**, 13, 697-700	3	11
43	Impaired Ribosomal Biogenesis by Noncanonical Degradation of β-Catenin during Hyperammonemia. *Molecular and Cellular Biology*, **2019**, 39,	4.8	10
42	Alcoholic Liver Disease on the Rise: Interorgan Cross Talk Driving Liver Injury. *Alcoholism: Clinical and Experimental Research*, **2017**, 41, 880-882	3.7	9
41	Comprehensive metabolic flux analysis to explain skeletal muscle weakness in COPD. *Clinical Nutrition*, **2020**, 39, 3056-3065	5.9	9
40	Benzodiazepines in hepatic encephalopathy: sleeping with the enemy. *Gut*, **1998**, 42, 764-5	19.2	9
39	Gallstone disease in north India: clinical and ultrasound profile in a referral hospital. *Journal of Clinical Gastroenterology*, **1990**, 12, 547-9	3	9
38	Activated Protein Phosphatase 2A Disrupts Nutrient Sensing Balance Between Mechanistic Target of Rapamycin Complex 1 and Adenosine Monophosphate-Activated Protein Kinase, Causing Sarcopenia in Alcohol-Associated Liver Disease. *Hepatology*, **2021**, 73, 1892-1908	11.2	9
37	Vitamin D deficiency: prevalence and association with liver disease severity in pediatric nonalcoholic fatty liver disease. *European Journal of Clinical Nutrition*, **2020**, 74, 427-435	5.2	8
36	Muscle loss contributes to higher morbidity and mortality in COPD: An analysis of national trends. *Respirology*, **2021**, 26, 62-71	3.6	8
35	Intestinal function is impaired in patients with Chronic Obstructive Pulmonary Disease. *Clinical Nutrition*, **2021**, 40, 2270-2277	5.9	8
34	Ammonia elicits a different myogenic response in avian and murine myotubes. *In Vitro Cellular and Developmental Biology - Animal*, **2017**, 53, 99-110	2.6	7
33	Hepatocellular carcinoma in nonalcoholic fatty liver disease with or without cirrhosis: a population-based study. *BMC Gastroenterology*, **2021**, 21, 394	3	7
32	Alcohol Consumption Is Associated with Poor Prognosis in Obese Patients with COVID-19: A Mendelian Randomization Study Using UK Biobank. *Nutrients*, **2021**, 13,	6.7	7
31	Diagnostic and Prognostic Significance of Complement in Patients With Alcohol-Associated Hepatitis. *Hepatology*, **2021**, 73, 983-997	11.2	7
30	Differential role of MLKL in alcohol-associated and non-alcohol-associated fatty liver diseases in mice and humans. *JCI Insight*, **2021**, 6,	9.9	6
29	Patient and Caregiver Attitudes and Practices of Exercise in Candidates Listed for Liver Transplantation. *Digestive Diseases and Sciences*, **2018**, 63, 3290-3296	4	6
28	Hepatic Encephalopathy. *Current Treatment Options in Gastroenterology*, **2001**, 4, 517-526	2.5	5

27	Skeletal muscle loss phenotype in cirrhosis: A nationwide analysis of hospitalized patients. *Clinical Nutrition*, **2020**, 39, 3711-3720	5.9	5
26	Design and rationale of a multicenter defeat alcoholic steatohepatitis trial: (DASH) randomized clinical trial to treat alcohol-associated hepatitis. *Contemporary Clinical Trials*, **2020**, 96, 106094	2.3	5
25	Compound Sarcopenia in Hospitalized Patients with Cirrhosis Worsens Outcomes with Increasing Age. *Nutrients*, **2021**, 13,	6.7	5
24	Safety of Hyaluronan 35 in Healthy Human Subjects: A Pilot Study. *Nutrients*, **2019**, 11,	6.7	4
23	Ex-Vivo Normothermic Limb Perfusion With a Hemoglobin-Based Oxygen Carrier Perfusate. *Military Medicine*, **2020**, 185, 110-120	1.3	4
22	Myogenic Response to Increasing Concentrations of Ammonia Differs between Mammalian, Avian, and Fish Species: Cell Differentiation and Genetic Study. *Genes*, **2020**, 11,	4.2	4
21	Are Exercise Benefits in Nonalcoholic Fatty Liver Disease Due to Increased Autophagy?. *Exercise and Sport Sciences Reviews*, **2017**, 45, 125	6.7	3
20	Sonographic signs in portal hypertension: a multivariate analysis. *Tropical Gastroenterology: Official Journal of the Digestive Diseases Foundation*, **1996**, 17, 23-9		3
19	Exercise and physical activity in cirrhosis: opportunities or perils. *Journal of Applied Physiology*, **2020** , 128, 1547-1567	3.7	2
18	Clinical impact of compound sarcopenia in hospitalized older adult patients with heart failure. *Journal of the American Geriatrics Society*, **2021**, 69, 1815-1825	5.6	2
17	Quantitative Computed Tomography Assessment of Pectoralis and Erector Spinae Muscle Area and Disease Severity in Chronic Obstructive Pulmonary Disease Referred for Lung Volume Reduction. *COPD: Journal of Chronic Obstructive Pulmonary Disease*, **2021**, 18, 191-200	2	2
16	Hepatocellular Carcinoma in Patients Without Cirrhosis: The Fibrosis Stage Distribution, Characteristics and Survival. *Digestive Diseases and Sciences*, **2021**, 1	4	2
15	Composite Vascularized Allograft Machine Preservation: State of the Art. *Current Transplantation Reports*, **2019**, 6, 265-276	1.5	2
14	Integrated multiomics analysis identifies molecular landscape perturbations during hyperammonemia in skeletal muscle and myotubes. *Journal of Biological Chemistry*, **2021**, 297, 101023	5.4	2
13	Role of gut bacteria in the therapy of hepatic encephalopathy with lactulose and antibiotics. *Indian Journal of Gastroenterology*, **2003**, 22 Suppl 2, S50-3	1.9	2
12	Metabolic reprogramming during hyperammonemia targets mitochondrial function and postmitotic senescence.. *JCI Insight*, **2021**, 6,	9.9	2
11	Plasma Krebs Cycle Intermediates in Nonalcoholic Fatty Liver Disease. *Journal of Clinical Medicine*, **2020**, 9,	5.1	1
10	Reply: Comments on AASLD practice guidelines for alcoholic liver disease. *Hepatology*, **2010**, 51, 1861-1861	11.2	1

List of Publications

9	Cardiac expression of microRNA-7 is associated with adverse cardiac remodeling. *Scientific Reports*, **2021**, 11, 22018	4.9	1
8	The Pathogenesis of Physical Frailty and Sarcopenia **2020**, 33-53		1
7	Acute Responses to Oxygen Delivery via High Flow Nasal Cannula in Patients with Severe Chronic Obstructive Pulmonary Disease-HFNC and Severe COPD. *Journal of Clinical Medicine*, **2021**, 10,	5.1	1
6	Validation of the accuracy of the FAST score for detecting patients with at-risk nonalcoholic steatohepatitis (NASH) in a North American cohort and comparison to other non-invasive algorithms.. *PLoS ONE*, **2022**, 17, e0266859	3.7	0
5	Reply to: "Myokines: a promising therapeutic target for hepatic encephalopathy". *Journal of Hepatology*, **2017**, 66, 1100-1101	13.4	
4	Identificaiton of Non-Alcoholic Steatohepatitis (NASH) Using Plasma Metabolome in Humans. *FASEB Journal*, **2008**, 22, 1162.5	0.9	
3	Nutrition and the Liver **2018**, 837-843.e3		
2	Malnutrition and Nutrition in Liver Disease **2010**, 1187-1207		
1	Ethanol induces skeletal muscle autophagy and sarcopenia by an AMPK independent, PI3K dependent mechanism. *FASEB Journal*, **2013**, 27, 713.8	0.9	