

Nathan A Davies

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,453
citations

471061

17
h-index

414034

32
g-index

33
all docs

33
docs citations

33
times ranked

1925
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Inhibition of TLR7 and TLR9 Reduces Human Cholangiocarcinoma Cell Proliferation and Tumor Development. <i>Digestive Diseases and Sciences</i> , 2022, 67, 1806-1821. | 1.1 | 6 |
| 2 | Sarcopenia in liver cirrhosis: Prevalence, pathophysiology and therapeutic strategies. <i>Analytical Biochemistry</i> , 2022, 647, 114581. | 1.1 | 8 |
| 3 | Abnormal brain oxygen homeostasis in an animal model of liver disease. <i>JHEP Reports</i> , 2022, , 100509. | 2.6 | 13 |
| 4 | Haemodynamic changes in cirrhosis following terlipressin and induction of sepsis—a preclinical study using caval subtraction phase-contrast and cardiac MRI. <i>European Radiology</i> , 2021, 31, 2518-2528. | 2.3 | 3 |
| 5 | Cardiac-induced liver deformation as a measure of liver stiffness using dynamic imaging without magnetization tagging—a preclinical proof-of-concept, clinical translation, reproducibility and feasibility in patients with cirrhosis. <i>Abdominal Radiology</i> , 2021, 46, 4660-4670. | 1.0 | 4 |
| 6 | Pilot study to investigate differences in middle molecules, oxidative stress and markers of peripheral vascular disease in patients treated by high flux haemodialysis and haemodiafiltration. <i>PLoS ONE</i> , 2021, 16, e0258223. | 1.1 | 3 |
| 7 | Computational Modeling of Fructose Metabolism and Development in NAFLD. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 762. | 2.0 | 4 |
| 8 | Expression of TLR-2 in hepatocellular carcinoma is associated with tumour proliferation, angiogenesis and Caspase-3 expression. <i>Pathology Research and Practice</i> , 2020, 216, 152980. | 1.0 | 12 |
| 9 | A Double-Blind, Randomized Placebo-Controlled Trial of Probiotic <i>Lactobacillus casei</i> Shirota in Stable Cirrhotic Patients. <i>Nutrients</i> , 2020, 12, 1651. | 1.7 | 27 |
| 10 | Impaired brain glymphatic flow in experimental hepatic encephalopathy. <i>Journal of Hepatology</i> , 2019, 70, 40-49. | 1.8 | 55 |
| 11 | Systemic Endotoxin in Peritoneal Dialysis Patients. <i>Peritoneal Dialysis International</i> , 2018, 38, 381-384. | 1.1 | 3 |
| 12 | Ammonia mediates cortical hemichannel dysfunction in rodent models of chronic liver disease. <i>Hepatology</i> , 2017, 65, 1306-1318. | 3.6 | 26 |
| 13 | Liver function as an engineering system. <i>AIChE Journal</i> , 2016, 62, 3285-3297. | 1.8 | 9 |
| 14 | Systemic inflammation and oxidative stress post-lung resection: Effect of pretreatment with N-acetylcysteine. <i>Respirology</i> , 2016, 21, 180-187. | 1.3 | 17 |
| 15 | Use of Caval Subtraction 2D Phase-Contrast MR Imaging to Measure Total Liver and Hepatic Arterial Blood Flow: Preclinical Validation and Initial Clinical Translation. <i>Radiology</i> , 2016, 280, 916-923. | 3.6 | 8 |
| 16 | A comparative study of blood endotoxin detection in haemodialysis patients. <i>Journal of Inflammation</i> , 2016, 13, 24. | 1.5 | 15 |
| 17 | A Computational Model of Hepatic Energy Metabolism: Understanding Zonated Damage and Steatosis in NAFLD. <i>PLoS Computational Biology</i> , 2016, 12, e1005105. | 1.5 | 39 |
| 18 | Circulating microRNAs Reveal Time Course of Organ Injury in a Porcine Model of Acetaminophen-Induced Acute Liver Failure. <i>PLoS ONE</i> , 2015, 10, e0128076. | 1.1 | 29 |

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|----|--|-----|-----------|
| 19 | Extracorporeal liver assist device to exchange albumin and remove endotoxin in acute liver failure: Results of a pivotal pre-clinical study. <i>Journal of Hepatology</i> , 2015, 63, 634-642. | 1.8 | 56 |
| 20 | Immunomodulatory and antioxidant function of albumin stabilises the endothelium and improves survival in a rodent model of chronic liver failure. <i>Journal of Hepatology</i> , 2015, 62, 799-806. | 1.8 | 73 |
| 21 | Effect of toll-like receptor 7 and 9 targeted therapy to prevent the development of hepatocellular carcinoma. <i>Liver International</i> , 2015, 35, 1063-1076. | 1.9 | 53 |
| 22 | Liver Replacement Therapy. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2012, 33, 70-79. | 0.8 | 23 |
| 23 | Prevention of acute kidney injury in a rodent model of cirrhosis following selective gut decontamination is associated with reduced renal TLR4 expression. <i>Journal of Hepatology</i> , 2012, 56, 1047-1053. | 1.8 | 114 |
| 24 | Albumin Regeneration for Extracorporeal Liver Support Using Prometheus: A Step in the Right Direction. <i>Gastroenterology</i> , 2012, 142, 690-692. | 0.6 | 2 |
| 25 | Evidence of neutrophil functional defect despite inflammation in stable cirrhosis. <i>Journal of Hepatology</i> , 2011, 55, 574-581. | 1.8 | 154 |
| 26 | L-ornithine and phenylacetate synergistically produce sustained reduction in ammonia and brain water in cirrhotic rats. <i>Hepatology</i> , 2009, 50, 155-164. | 3.6 | 79 |
| 27 | Alterations in the functional capacity of albumin in patients with decompensated cirrhosis is associated with increased mortality. <i>Hepatology</i> , 2009, 50, 555-564. | 3.6 | 208 |
| 28 | Artificial Liver Support Systems in the Management of Complications of Cirrhosis. <i>Seminars in Liver Disease</i> , 2008, 28, 096-109. | 1.8 | 43 |
| 29 | Hepatic guanylate cyclase activity is decreased in a model of cirrhosis: A quantitative cytochemistry study. <i>FEBS Letters</i> , 2006, 580, 2123-2128. | 1.3 | 13 |
| 30 | Effect of albumin dialysis on intracranial pressure increase in pigs with acute liver failure: A randomized study*. <i>Critical Care Medicine</i> , 2006, 34, 158-164. | 0.4 | 81 |
| 31 | Pathophysiological effects of albumin dialysis in acute-on-chronic liver failure: A randomized controlled study. <i>Liver Transplantation</i> , 2004, 10, 1109-1119. | 1.3 | 272 |