# Duane Burton

List of Publications by Year
in descending order



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|---|---|---|---|
| 38 papers | 1,205 citations | 331259 21 h-index | 377514 34 g-index |
| 38 all docs | 38 docs citations | 38 times ranked | 1087 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Chenodeoxycholate in Females With Irritable Bowel Syndrome-Constipation: A Pharmacodynamic and Pharmacogenetic Analysis. Gastroenterology, 2010, 139, 1549-1558.e1. | 0.6 | 154 |
| 2 | Bowel Functions, Fecal Unconjugated Primary and Secondary Bile Acids, and Colonic Transit in Patients With Irritable Bowel Syndrome. Clinical Gastroenterology and Hepatology, 2013, 11, 1270-1275.e1. | 2.4 | 132 |
| 3 | Selection of Antiobesity Medications Based on Phenotypes Enhances Weight Loss: A Pragmatic Trial in an Obesity Clinic. Obesity, 2021, 29, 662-671. | 1.5 | 70 |
| 4 | Gastric Motor Dysfunction in Patients With Functional Gastroduodenal Symptoms. American Journal of Gastroenterology, 2017, 112, 1689-1699. | 0.2 | 67 |
| 5 | Bile Acid Deficiency in a Subgroup of Patients With Irritable Bowel Syndrome With Constipation Based on Biomarkers in Serum and Fecal Samples. Clinical Gastroenterology and Hepatology, 2018, 16, 522-527. | 2.4 | 57 |
| 6 | Effects of NK1 receptors on gastric motor functions and satiation in healthy humans: results from a controlled trial with the NK1 antagonist aprepitant. American Journal of Physiology - Renal Physiology, 2017, 313, G505-G510. | 1.6 | 44 |
| 7 | Gluten-induced symptoms in diarrhea-predominant irritable bowel syndrome are associated with increased myosin light chain kinase activity and claudin-15 expression. Laboratory Investigation, 2017, 97, 14-23. | 1.7 | 43 |
| 8 | Colonic Transit and Bile Acid Synthesis or Excretion in PatientsÂWith Irritable Bowel Syndromeâ€“Diarrhea Without BileÂAcid Malabsorption. Clinical Gastroenterology and Hepatology, 2017, 15, 720-727.e1. | 2.4 | 43 |
| 9 | Ileo-colonic delivery of conjugated bile acids improves glucose homeostasis via colonic GLP-1-producing enteroendocrine cells in human obesity and diabetes. EBioMedicine, 2020, 55, 102759. | 2.7 | 43 |
| 10 | Analysis of Fecal Primary Bile Acids Detects Increased Stool Weight and Colonic Transit in Patients With Chronic Functional Diarrhea. Clinical Gastroenterology and Hepatology, 2019, 17, 922-929.e2. | 2.4 | 42 |
| 11 | Relamorelin Relieves Constipation and Accelerates Colonic Transit in a Phase 2, Placebo-Controlled, Randomized Trial. Clinical Gastroenterology and Hepatology, 2015, 13, 2312-2319.e1. | 2.4 | 39 |
| 12 | Relationship of gastric emptying or accommodation with satiation, satiety, and postprandial symptoms in health. American Journal of Physiology - Renal Physiology, 2017, 313, G442-G447. | 1.6 | 38 |
| 13 | Bile and fat excretion are biomarkers of clinically significant diarrhoea and constipation in irritable bowel syndrome. Alimentary Pharmacology and Therapeutics, 2019, 49, 744-758. | 1.9 | 32 |
| 14 | Randomised clinical trial: significant biochemical and colonic transit effects of the farnesoid X receptor agonist tropifexor in patients with primary bile acid diarrhoea. Alimentary Pharmacology and Therapeutics, 2020, 52, 808-820. | 1.9 | 30 |
| 15 | Open: Effects of NGM282, an FGF19 variant, on colonic transit and bowel function in functional constipation: a randomized phase 2 trial. American Journal of Gastroenterology, 2018, 113, 725-734. | 0.2 | 29 |
| 16 | Short-Term Effects of Relamorelin on Descending Colon Motility in Chronic Constipation: A Randomized, Controlled Trial. Digestive Diseases and Sciences, 2016, 61, 852-860. | 1.1 | 27 |
| 17 | Acute Effects of a Glucagon-Like Peptide 2 Analogue, Teduglutide, on Gastrointestinal Motor Function and Permeability in Adult Patients With Short Bowel Syndrome on Home Parenteral Nutrition. Journal of Parenteral and Enteral Nutrition, 2016, 40, 1089-1095. | 1.3 | 27 |
| 18 | Effects of Colesevelam on Bowel Symptoms, Biomarkers, and Colonic Mucosal Gene Expression in Patients With Bile Acid Diarrhea in a Randomized Trial. Clinical Gastroenterology and Hepatology, 2020, 18, 2962-2970.e6. | 2.4 | 27 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | A Randomized Trial of 5-Hydroxytryptamine4â€“Receptor Agonist, YKP10811, on Colonic Transit and Bowel Function in Functional Constipation. Clinical Gastroenterology and Hepatology, 2015, 13, 701-708.e1. | 2.4 | 25 |
| 20 | Potential mechanisms of effects of serumâ€derived bovine immunoglobulin/protein isolate therapy in patients with diarrheaâ€predominant irritable bowel syndrome. Physiological Reports, 2017, 5, e13170. | 0.7 | 24 |
| 21 | Aquaporin Expression in Colonic Mucosal Biopsies From Irritable Bowel Syndrome With Diarrhea. Clinical and Translational Gastroenterology, 2019, 10, e00019. | 1.3 | 22 |
| 22 | Pharmacodynamic and Clinical Endpoints for Functional Colonic Disorders: Statistical Considerations. Digestive Diseases and Sciences, 2012, 58, 509-18. | 1.1 | 21 |
| 23 | Randomised study: effects of the 5â€HT<sub>4</sub> receptor agonist felcisetrag vs placebo on gutÂtransit in patients with gastroparesis. Alimentary Pharmacology and Therapeutics, 2021, 53, 1010-1020. | 1.9 | 21 |
| 24 | Gastric accommodation measurements by single photon emission computed tomography and twoâ€dimensional scintigraphy in diabetic patients with upper gastrointestinal symptoms. Neurogastroenterology and Motility, 2019, 31, e13581. | 1.6 | 19 |
| 25 | Intestinal chemosensitivity in irritable bowel syndrome associates with small intestinal TRPV channel expression. Alimentary Pharmacology and Therapeutics, 2021, 54, 1179-1192. | 1.9 | 17 |
| 26 | GI Dysfunctions in Diabetic Gastroenteropathy, Their Relationships With Symptoms, and Effects of a GLP-1 Antagonist. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 1967-1977. | 1.8 | 16 |
| 27 | Comparison of biochemical, microbial and mucosal mRNA expression in bile acid diarrhoea and irritable bowel syndrome with diarrhoea. Gut, 2023, 72, 54-65. | 6.1 | 16 |
| 28 | Relationship between symptoms during a gastric emptying study and intestinal chemosensitivity with daily symptoms. Neurogastroenterology and Motility, 2019, 31, e13686. | 1.6 | 14 |
| 29 | Association of gastric emptying with postprandial appetite and satiety sensations in obesity. Obesity, 2021, 29, 1497-1507. | 1.5 | 13 |
| 30 | Physical activity is associated with accelerated gastric emptying and increased ghrelin in obesity. Neurogastroenterology and Motility, 2020, 32, e13879. | 1.6 | 10 |
| 31 | Expanding criteria for slow colonic transit in patients being evaluated for chronic constipation by scintigraphy. Neurogastroenterology and Motility, 2020, 32, e13878. | 1.6 | 9 |
| 32 | Regional Colonic Transit Pattern Does Not Conclusively Identify Evacuation Disorders in Constipated Patients with Delayed Colonic Transit. Journal of Neurogastroenterology and Motility, 2017, 23, 92-100. | 0.8 | 8 |
| 33 | Secretin effects on gastric functions, hormones and symptoms in functional dyspepsia and health: randomized crossover trial. American Journal of Physiology - Renal Physiology, 2020, 318, G635-G645. | 1.6 | 8 |
| 34 | Fasting pyloric diameter and distensibility by functional endoluminal imaging probe in unsedated healthy volunteers. Neurogastroenterology and Motility, 2022, 34, e14386. | 1.6 | 8 |
| 35 | Utility of the plasma pancreatic polypeptide response to modified sham feeding in diabetic gastroenteropathy and nonâ€ulcer dyspepsia. Neurogastroenterology and Motility, 2020, 32, e13744. | 1.6 | 5 |
| 36 | Pilot trial: Pregabalin on colonic sensorimotor functions in irritable bowel syndrome. Digestive and Liver Disease, 2014, 46, 113-118. | 0.4 | 4 |

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|---|---|---|---|
| 37 | Increased fecal primary bile acids in multiple myeloma with engraftment syndrome diarrhea after stem cell transplant. Bone Marrow Transplantation, 2019, 54, 1898-1907. | 1.3 | 1 |
| 38 | Editorial: understanding IBS pathophysiology through â€œconverging channelsâ€•of researchâ€”authorsâ€™ reply. Alimentary Pharmacology and Therapeutics, 2021, 54, 1215-1216. | 1.9 | 0 |