

Jason R Baker

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

566
citations

759233

12
h-index

642732

23
g-index

35
all docs

35
docs citations

35
times ranked

714
citing authors

#	ARTICLE	IF	CITATIONS
1	The anti-inflammatory drug mesalamine targets bacterial polyphosphate accumulation. <i>Nature Microbiology</i> , 2017, 2, 16267.	13.3	94
2	Low Buffer Capacity and Alternating Motility along the Human Gastrointestinal Tract: Implications for <i>In Vivo</i> Dissolution and Absorption of Ionizable Drugs. <i>Molecular Pharmaceutics</i> , 2017, 14, 4281-4294.	4.6	94
3	Spatial and Temporal Analysis of the Stomach and Small-Intestinal Microbiota in Fasted Healthy Humans. <i>MSphere</i> , 2019, 4, .	2.9	55
4	<i>In Vivo</i> Dissolution and Systemic Absorption of Immediate Release Ibuprofen in Human Gastrointestinal Tract under Fed and Fasted Conditions. <i>Molecular Pharmaceutics</i> , 2017, 14, 4295-4304.	4.6	46
5	Measurement of <i>In vivo</i> Gastrointestinal Release and Dissolution of Three Locally Acting Mesalamine Formulations in Regions of the Human Gastrointestinal Tract. <i>Molecular Pharmaceutics</i> , 2017, 14, 345-358.	4.6	39
6	Examining Balloon Expulsion Testing as an Office-Based, Screening Test for Dyssynergic Defecation: A Systematic Review and Meta-Analysis. <i>American Journal of Gastroenterology</i> , 2018, 113, 1613-1620.	0.4	34
7	Gastric emptying and intestinal appearance of nonabsorbable drugs phenol red and paromomycin in human subjects: A multi-compartment stomach approach. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 129, 162-174.	4.3	24
8	Mechanistic Fluid Transport Model to Estimate Gastrointestinal Fluid Volume and Its Dynamic Change Over Time. <i>AAPS Journal</i> , 2017, 19, 1682-1690.	4.4	22
9	Functional Lumen Imaging Probe Is Useful for the Quantification of Gastric Sleeve Stenosis and Prediction of Response to Endoscopic Dilatation: a Pilot Study. <i>Obesity Surgery</i> , 2020, 30, 786-789.	2.1	20
10	Small Intestinal Bacterial Overgrowth: Clinical Presentation in Patients with Roux-en-Y Gastric Bypass. <i>Obesity Surgery</i> , 2021, 31, 564-569.	2.1	19
11	Unraveling the behavior of oral drug products inside the human gastrointestinal tract using the aspiration technique: History, methodology and applications. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 155, 105517.	4.0	18
12	American Neurogastroenterology and Motility Society Task Force Recommendations for Resumption of Motility Laboratory Operations During the COVID-19 Pandemic. <i>American Journal of Gastroenterology</i> , 2020, 115, 1575-1583.	0.4	16
13	Linking the Gastrointestinal Behavior of Ibuprofen with the Systemic Exposure between and within Humans—Part 2: Fed State. <i>Molecular Pharmaceutics</i> , 2018, 15, 5468-5478.	4.6	12
14	Anorectal manometry to diagnose dyssynergic defecation: Systematic review and meta-analysis of diagnostic test accuracy. <i>Neurogastroenterology and Motility</i> , 2021, 33, e14137.	3.0	12
15	Is Dyssynergic Defecation an Unrecognized Cause of Chronic Constipation in Patients Using Opioids?. <i>American Journal of Gastroenterology</i> , 2019, 114, 1772-1777.	0.4	8
16	Measurement of fasted state gastric antral motility before and after a standard bioavailability and bioequivalence 240 mL drink of water: Validation of MRI method against concomitant perfused manometry in healthy participants. <i>PLoS ONE</i> , 2020, 15, e0241441.	2.5	8
17	A Randomized Pilot Study to Compare the Effectiveness of a Low FODMAP Diet vs Psyllium in Patients With Fecal Incontinence and Loose Stools. <i>Clinical and Translational Gastroenterology</i> , 2022, 13, e00454.	2.5	8
18	Tu2013 Do Constipation Symptoms Identify Patients With Dyssynergic Defecation?. <i>Gastroenterology</i> , 2012, 142, S-901.	1.3	7

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19	Mechanistic Deconvolution of Oral Absorption Model with Dynamic Gastrointestinal Fluid to Predict Regional Rate and Extent of GI Drug Dissolution. <i>AAPS Journal</i> , 2020, 22, 3.	4.4	6
20	Development of a Simple, Point-of-Care Device to Test Anorectal Function in Patients with Constipation: Randomized Clinical Trial. <i>Clinical Gastroenterology and Hepatology</i> , 2023, 21, 832-834.	4.4	6
21	Utility of Anorectal Testing to Predict Outcomes With Pelvic Floor Physical Therapy in Chronic Constipation: Pragmatic Trial. <i>Clinical Gastroenterology and Hepatology</i> , 2023, 21, 1070-1081.	4.4	6
22	Functional luminal imaging probe technology to assess response after flexible endoscopic Zenker diverticulotomy. <i>VideoGIE</i> , 2019, 4, 551-553.	0.7	4
23	Comparison of anorectal function measured using wearable digital manometry and a high resolution manometry system. <i>PLoS ONE</i> , 2020, 15, e0228761.	2.5	4
24	Accuracy of the Air Flow Sphincter Locator system in identifying the lower esophageal sphincter for placement of pH catheters. <i>Ecological Management and Restoration</i> , 2016, 30, 1-5.	0.4	1
25	Response to the Letter: How do we reopen our motility laboratory safely and efficiently?. <i>Neurogastroenterology and Motility</i> , 2020, 32, e13969.	3.0	1
26	Can a Defecation Posture Modifying Device Correct an Abnormal Balloon Expulsion Test in Chronically Constipated Patients?. <i>Clinical Gastroenterology and Hepatology</i> , 2023, 21, 847-848.e2.	4.4	1
27	Response to Richter and Vaezi. <i>American Journal of Gastroenterology</i> , 2021, 116, 214-215.	0.4	0
28	Diffusion of an innovation: growth in video capsule endoscopy in the U.S. Medicare population from 2003 to 2019. <i>BMC Health Services Research</i> , 2022, 22, 425.	2.2	0
29	Title is missing!. , 2020, 15, e0241441.		0
30	Title is missing!. , 2020, 15, e0241441.		0
31	Title is missing!. , 2020, 15, e0241441.		0
32	Title is missing!. , 2020, 15, e0241441.		0
33	Title is missing!. , 2020, 15, e0241441.		0
34	Title is missing!. , 2020, 15, e0241441.		0