Tim Vanuytsel

List of Publications by Year in descending order

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132 4,422 papers citations

31 h-index 62 g-index

134 all docs

134 docs citations

134 times ranked 4635 citing authors

#	Article	IF	CITATIONS
1	Psychological stress and corticotropin-releasing hormone increase intestinal permeability in humans by a mast cell-dependent mechanism. Gut, 2014, 63, 1293-1299.	12.1	429
2	Impaired duodenal mucosal integrity and low-grade inflammation in functional dyspepsia. Gut, 2014, 63, 262-271.	12.1	322
3	Obeticholic acid, a farnesoid X receptor agonist, improves portal hypertension by two distinct pathways in cirrhotic rats. Hepatology, 2014, 59, 2286-2298.	7.3	224
4	Long-term Outcome of Pneumatic Dilation in the Treatment of Achalasia. Clinical Gastroenterology and Hepatology, 2010, 8, 30-35.	4.4	171
5	The FXR Agonist Obeticholic Acid Prevents Gut Barrier Dysfunction and Bacterial Translocation in Cholestatic Rats. American Journal of Pathology, 2015, 185, 409-419.	3.8	156
6	Genetic and Transcriptomic Bases of Intestinal Epithelial Barrier Dysfunction in Inflammatory Bowel Diseases, 2017, 23, 1718-1729.	1.9	156
7	Impact of regional differences along the gastrointestinal tract of healthy adults on oral drug absorption: An UNGAP review. European Journal of Pharmaceutical Sciences, 2019, 134, 153-175.	4.0	146
8	Novel concepts in the pathophysiology and treatment of functional dyspepsia. Gut, 2020, 69, 591-600.	12.1	142
9	Prucalopride in Gastroparesis: A Randomized Placebo-Controlled Crossover Study. American Journal of Gastroenterology, 2019, 114, 1265-1274.	0.4	139
10	Efficacy of Mirtazapine in Patients With Functional Dyspepsia and Weight Loss. Clinical Gastroenterology and Hepatology, 2016, 14, 385-392.e4.	4.4	138
11	Impact of gastrointestinal tract variability on oral drug absorption and pharmacokinetics: An UNGAP review. European Journal of Pharmaceutical Sciences, 2021, 162, 105812.	4.0	137
12	International consensus on the diagnosis and management of dumping syndrome. Nature Reviews Endocrinology, 2020, 16, 448-466.	9.6	127
13	The role of Haptoglobin and its related protein, Zonulin, in inflammatory bowel disease. Tissue Barriers, 2013, 1, e27321.	3.2	121
14	Botulinum Toxin Reduces Dysphagia in Patients With Nonachalasia Primary Esophageal Motility Disorders. Clinical Gastroenterology and Hepatology, 2013, 11, 1115-1121.e2.	4.4	118
15	In Functional Dyspepsia, Hypersensitivity to Postprandial Distention Correlates With Meal-Related Symptom Severity. Gastroenterology, 2013, 145, 566-573.	1.3	91
16	Exploring gastrointestinal variables affecting drug and formulation behavior: Methodologies, challenges and opportunities. International Journal of Pharmaceutics, 2017, 519, 79-97.	5.2	81
17	How to select patients for antireflux surgery? The ICARUS guidelines (international consensus) Tj ETQq $1\ 1\ 0.78$	4314 rgBT 12.1	/Overlock 10 80
18	The Role of Intestinal Permeability in Gastrointestinal Disorders and Current Methods of Evaluation. Frontiers in Nutrition, 2021, 8, 717925.	3.7	78

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19	Management of refractory typical GERD symptoms. Nature Reviews Gastroenterology and Hepatology, 2016, 13, 281-294.	17.8	77
20	Conservative Management of Esophageal Perforations During Pneumatic Dilation for Idiopathic Esophageal Achalasia. Clinical Gastroenterology and Hepatology, 2012, 10, 142-149.	4.4	69
21	United European Gastroenterology (UEG) and European Society for Neurogastroenterology and Motility (ESNM) consensus on functional dyspepsia. United European Gastroenterology Journal, 2021, 9, 307-331.	3.8	62
22	Dual Inhibition of Endocannabinoid Catabolic Enzymes Produces Enhanced Antiwithdrawal Effects in Morphine-Dependent Mice. Neuropsychopharmacology, 2013, 38, 1039-1049.	5.4	58
23	Activation of Eosinophils and Mast Cells in Functional Dyspepsia: an Ultrastructural Evaluation. Scientific Reports, 2018, 8, 5383.	3.3	58
24	Yield of 24-Hour Esophageal pH and Bilitec Monitoring in Patients with Persisting Symptoms on PPI Therapy. Digestive Diseases and Sciences, 2008, 53, 2387-2393.	2.3	55
25	Proton Pump Inhibitors Reduce Duodenal Eosinophilia, Mast Cells, and Permeability in Patients With Functional Dyspepsia. Gastroenterology, 2021, 160, 1521-1531.e9.	1.3	55
26	Adaptations in gastrointestinal physiology after sleeve gastrectomy and Roux-en-Y gastric bypass. The Lancet Gastroenterology and Hepatology, 2021, 6, 225-237.	8.1	49
27	Efficacy and safety of spore-forming probiotics in the treatment of functional dyspepsia: a pilot randomised, double-blind, placebo-controlled trial. The Lancet Gastroenterology and Hepatology, 2021, 6, 784-792.	8.1	48
28	Treatment of abdominal pain in irritable bowel syndrome. Journal of Gastroenterology, 2014, 49, 1193-1205.	5.1	45
29	Development of a core outcome set for therapeutic studies in eosinophilic esophagitis (COREOS). Journal of Allergy and Clinical Immunology, 2022, 149, 659-670.	2.9	40
30	Nintedanib in Idiopathic Pulmonary Fibrosis: Practical Management Recommendations for Potential Adverse Events. Respiration, 2019, 97, 173-184.	2.6	39
31	Gastroesophageal Reflux Disease—Functional Dyspepsia Overlap: Do Birds of a Feather Flock Together?. American Journal of Gastroenterology, 2020, 115, 1167-1182.	0.4	38
32	Role of Macrophages in the Altered Epithelial Function during a Type 2 Immune Response Induced by Enteric Nematode Infection. PLoS ONE, 2014, 9, e84763.	2.5	32
33	Subacute stress and chronic stress interact to decrease intestinal barrier function in rats. Stress, 2016, 19, 225-234.	1.8	31
34	Duodenal inflammation: an emerging target for functional dyspepsia?. Expert Opinion on Therapeutic Targets, 2020, 24, 511-523.	3.4	29
35	Modern Management of Irritable Bowel Syndrome: More Than Motility. Digestive Diseases, 2016, 34, 566-573.	1.9	28
36	Altered duodenal bile salt concentration and receptor expression in functional dyspepsia. United European Gastroenterology Journal, 2018, 6, 1347-1355.	3.8	27

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37	Biological Therapy in Inflammatory Bowel Disease Patients Partly Restores Intestinal Innate Lymphoid Cell Subtype Equilibrium. Frontiers in Immunology, 2020, 11, 1847.	4.8	25
38	Animal Models for Functional Gastrointestinal Disorders. Frontiers in Psychiatry, 2020, 11, 509681.	2.6	25
39	Diet or medication in primary care patients with IBS: the DOMINO study - a randomised trial supported by the Belgian Health Care Knowledge Centre (KCE Trials Programme) and the Rome Foundation Research Institute. Gut, 2022, 71, 2226-2232.	12.1	24
40	Duodenal Dysbiosis and Relation to the Efficacy of Proton Pump Inhibitors in Functional Dyspepsia. International Journal of Molecular Sciences, 2021, 22, 13609.	4.1	23
41	Relationship between bile salts, bacterial translocation, and duodenal mucosal integrity in functional dyspepsia. Neurogastroenterology and Motility, 2020, 32, e13788.	3.0	22
42	1077 A Controlled Cross-Over Trial Shows Benefit of Prucalopride for Symptom Control and Gastric Emptying Enhancement in Idiopathic Gastroparesis. Gastroenterology, 2016, 150, S213-S214.	1.3	21
43	The effect of intravenous corticotropin-releasing hormone administration on esophageal sensitivity and motility in health. American Journal of Physiology - Renal Physiology, 2017, 312, G526-G534.	3.4	21
44	Mast cellâ€nerve interactions correlate with bloating and abdominal pain severity in patients with nonâ€celiac gluten / wheat sensitivity. Neurogastroenterology and Motility, 2020, 32, e13814.	3.0	21
45	United European Gastroenterology (UEG) and European Society for Neurogastroenterology and Motility (ESNM) consensus on functional dyspepsia. Neurogastroenterology and Motility, 2021, 33, e14238.	3.0	21
46	Early diagnosis is associated with improved clinical outcomes in benign esophageal perforation: an individual patient data meta-analysis. Surgical Endoscopy and Other Interventional Techniques, 2021, 35, 3492-3505.	2.4	20
47	Interleukin-13 Receptor $\hat{l}\pm 1$ -Dependent Responses in the Intestine Are Critical to Parasite Clearance. Infection and Immunity, 2016, 84, 1032-1044.	2.2	19
48	Cost analysis of chronic intestinal failure. Clinical Nutrition, 2019, 38, 1729-1736.	5.0	19
49	Unraveling the behavior of oral drug products inside the human gastrointestinal tract using the aspiration technique: History, methodology and applications. European Journal of Pharmaceutical Sciences, 2020, 155, 105517.	4.0	18
50	Drug Disposition in the Lower Gastrointestinal Tract: Targeting and Monitoring. Pharmaceutics, 2021, 13, 161.	4.5	18
51	Type 3 Muscarinic Receptors Contribute to Clearance of Citrobacter rodentium. Inflammatory Bowel Diseases, 2015, 21, 1860-1871.	1.9	17
52	From Intestinal Permeability to Dysmotility: The Biobreeding Rat as a Model for Functional Gastrointestinal Disorders. PLoS ONE, 2014, 9, e111132.	2.5	16
53	Drugs under development for the treatment of functional dyspepsia and related disorders. Expert Opinion on Investigational Drugs, 2019, 28, 871-889.	4.1	16
54	The effect of rikkunshito on gastrointestinal symptoms and gastric motor function: The first study in a Belgian functional dyspepsia population. Neurogastroenterology and Motility, 2020, 32, e13739.	3.0	15

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55	European Society for Neurogastroenterology and Motility recommendations for conducting gastrointestinal motility and function testing in the recovery phase of the COVIDâ€19 pandemic. Neurogastroenterology and Motility, 2020, 32, e13930.	3.0	15
56	A survey on the impact of the COVIDâ€19 pandemic on motility and functional investigations in Europe and considerations for recommencing activities in the early recovery phase. Neurogastroenterology and Motility, 2020, 32, e13926.	3.0	14
57	Codeine delays gastric emptying through inhibition of gastric motility as assessed with a novel diagnostic intragastric balloon catheter. Neurogastroenterology and Motility, 2020, 32, e13733.	3.0	13
58	$\langle i \rangle$ Lactobacillus rhamnosus $\langle i \rangle$ CNCM I-3690 decreases subjective academic stress in healthy adults: a randomized placebo-controlled trial. Gut Microbes, 2022, 14, 2031695.	9.8	13
59	Current state of adult intestinal transplantation in Europe. Current Opinion in Organ Transplantation, 2020, 25, 176-182.	1.6	12
60	Prokinetic Effects and Symptom Relief in the Pharmacotherapy of Gastroparesis. Gastroenterology, 2020, 158, 1841-1842.	1.3	12
61	Insight into the colonic disposition of celecoxib in humans. European Journal of Pharmaceutical Sciences, 2020, 145, 105242.	4.0	12
62	A Spontaneous Animal Model of Intestinal Dysmotility Evoked by Inflammatory Nitrergic Dysfunction. PLoS ONE, 2014, 9, e95879.	2.5	11
63	New developments in the treatment of opioidâ€induced gastrointestinal symptoms. United European Gastroenterology Journal, 2018, 6, 1126-1135.	3.8	11
64	The normoglycaemic biobreeding rat: a spontaneous model for impaired gastric accommodation. Gut, 2016, 65, 73-81.	12.1	10
65	Acute administration of fructans increases the number of transient lower esophageal sphincter relaxations in healthy volunteers. Neurogastroenterology and Motility, 2020, 32, e13727.	3.0	10
66	Systematic review: duodenogastroesophageal (biliary) reflux prevalence, symptoms, oesophageal lesions and treatment. Alimentary Pharmacology and Therapeutics, 2021, 54, 755-778.	3.7	10
67	Applications of peptide hormone ligands for the treatment of dumping and short bowel syndrome. Current Opinion in Pharmacology, 2018, 43, 118-123.	3.5	9
68	Efficacy and safety of lanreotide in postoperative dumping syndrome: A Phase II randomised and placeboâ€controlled study. United European Gastroenterology Journal, 2019, 7, 1064-1072.	3.8	9
69	Association between duodenal bile salts and gastric emptying in patients with functional dyspepsia. Gut, 2021, 70, 2208.2-2210.	12.1	9
70	Insight into the Colonic Disposition of Sulindac in Humans. Journal of Pharmaceutical Sciences, 2021, 110, 259-267.	3.3	9
71	Codeine induces increased resistance at the esophagogastric junction but has no effect on motility and bolus flow in the pharynx and upper esophageal sphincter in healthy volunteers: A randomized, doubleâ€blind, placeboâ€controlled, crossâ€over trial. Neurogastroenterology and Motility, 2021, 33, e14041.	3.0	9
72	Immune Activation in Functional Dyspepsia: Bystander Becoming the Suspect. Frontiers in Neuroscience, 2022, 16, 831761.	2.8	9

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73	Clinical trial: a controlled trial of baclofen addâ€on therapy in <scp>PPI</scp> â€refractory gastroâ€oesophageal reflux symptoms. Alimentary Pharmacology and Therapeutics, 2022, 56, 231-239.	3.7	9
74	383 - The Therapeutic Outcome of Itopride in Functional Dyspepsia Postprandial Distress Syndrome: A Double-Blind Randomized, Multicenter, Placebo-Controlled Study. Gastroenterology, 2018, 154, S-91.	1.3	8
75	Effect of citalopram on esophageal motility in healthy subjectsâ€"Implications for reflux episodes, dysphagia, and globus. Neurogastroenterology and Motility, 2019, 31, e13632.	3.0	7
76	Cost-effectiveness of Intestinal Transplantation Compared to Parenteral Nutrition in Adults. Transplantation, 2021, 105, 897-904.	1.0	7
77	A doubleâ€blind randomized, multicenter, placeboâ€controlled study of itopride in functional dyspepsia postprandial distress syndrome. Neurogastroenterology and Motility, 2022, 34, e14337.	3.0	7
78	Chronic Intestinal Failure in Children: An International Multicenter Cross-Sectional Survey. Nutrients, 2022, 14, 1889.	4.1	7
79	Colonic hypersensitivity and lowâ€grade inflammation in a spontaneous animal model for functional gastrointestinal disorders. Neurogastroenterology and Motility, 2019, 31, e13614.	3.0	6
80	Duodenal acidification induces gastric relaxation and alters epithelial barrier function by a mast cell independent mechanism. Scientific Reports, 2020, 10, 17448.	3.3	6
81	The Role of Leaky Gut in Functional Dyspepsia. Frontiers in Neuroscience, 2022, 16, 851012.	2.8	6
82	Established and Emerging Treatment Options for Functional Heartburn and Chest Pain. Current Treatment Options in Gastroenterology, 2016, 14, 19-27.	0.8	5
83	Influence of itopride and domperidone on gastric tone and on the perception of gastric distention in healthy subjects. Neurogastroenterology and Motility, 2019, 31, e13544.	3.0	5
84	Celiac Disease Remission With Tofacitinib: A Case Report. Annals of Internal Medicine, 2020, 173, 585.	3.9	5
85	Tacrolimus-Induced Optic Neuropathy After Multivisceral Transplantation. Transplantation Direct, 2020, 6, e516.	1.6	5
86	The role of serotonin in the control of esophageal sensitivity assessed by multimodal stimulation in health. Neurogastroenterology and Motility, 2021, 33, e14057.	3.0	5
87	Multivisceral Transplantation for Diffuse Portomesenteric Thrombosis: Lessons Learned for Surgical Optimization. Frontiers in Surgery, 2021, 8, 645302.	1.4	5
88	The effect of prucalopride on gastric sensorimotor function and satiation in healthy volunteers. Neurogastroenterology and Motility, 2021, 33, e14083.	3.0	5
89	The gastroâ€sphincteric pressure gradient: A new parameter to diagnose a rumination episode. Neurogastroenterology and Motility, 2021, 33, e14068.	3.0	5
90	Estrogens Play a Critical Role in Stress-Related Gastrointestinal Dysfunction in a Spontaneous Model of Disorders of Gut–Brain Interaction. Cells, 2022, 11, 1214.	4.1	5

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91	A Clinical Perspective on the Dietary Therapies for Pediatric Eosinophilic Esophagitis: The Gap Between Research and Daily Practice. Frontiers in Immunology, 2021, 12, 677859.	4.8	4
92	Duodenum at a crossroads: Key integrator of overlapping and psychological symptoms in functional dyspepsia?. Neurogastroenterology and Motility, 2021, 33, e14262.	3.0	4
93	Combined liver-intestinal and multivisceral transplantation for neuroendocrine tumors extending beyond the liver: A systematic literature review. Transplantation Reviews, 2022, 36, 100678.	2.9	4
94	Authors' response: impaired duodenal mucosal integrity and low-grade inflammation in functional dyspepsia. Gut, 2015, 64, 357-358.	12.1	3
95	The effect of esomeprazole on the upper GI tract release and systemic absorption of mesalazine from colon targeted formulations. International Journal of Pharmaceutics, 2022, 619, 121701.	5.2	3
96	Su2051 The Non-Diabetic BB-Rat: A Spontaneous Model for Impaired Gastric Accommodation. Gastroenterology, 2013, 144, S-542.	1.3	2
97	Su1584 Colonic Motor Responses to a Meal and to Bisacodyl, Evaluated by High-Resolution Manometry (HRM), Differ Between Laxative-Refractory Slow Transit Constipation With or Without Pain. Gastroenterology, 2016, 150, S533-S534.	1.3	2
98	Sa1091 - Effect of Citalopram on Esophageal Motility in Healthy Subjects. Implications for Transient Lower Esophageal Sphincter Relaxations, Dysphagia and Globus Pharyngeus. Gastroenterology, 2018, 154, S-238.	1.3	2
99	Disease modifying therapy in short bowel syndrome: finally coming of age?. The Lancet Gastroenterology and Hepatology, 2019, 4, 328-329.	8.1	2
100	Stressâ€induced changes in healthy mice do not reflect functional dyspepsia pathophysiology. Neurogastroenterology and Motility, 2020, 32, e13940.	3.0	2
101	The effect of an air purifier on aerosol generation measurements during clinical motility testing. Neurogastroenterology and Motility, 2022, 34, e14227.	3.0	2
102	Aerosol generation and droplet spread during nasogastric intubation in the COVID-19 era. Gut, 2021, 70, 2017-2019.	12.1	2
103	Duodenal Barrier and Inflammation in Dyspepsia: God is in the Details. Clinical Gastroenterology and Hepatology, 2021, , .	4.4	2
104	Highâ€resolution colonic manometry interobserver analysis trial. Neurogastroenterology and Motility, 2022, 34, e14285.	3.0	2
105	Selenium Deficiency After Bariatric Surgery Is More Than Surface Deep. Obesity Surgery, 2022, , $1.$	2.1	2
106	Tu1356 Increased Small Intestinal Permeability Precedes Mucosal Inflammation and Myenteric Ganglionitis in Non-Diabetic BB-Rats. Gastroenterology, 2012, 142, S-810.	1.3	1
107	Mo2066 Diazoxide, an Insulin Release Inhibitor, Improves Late Hypoglycemia in Dumping Syndrome. Gastroenterology, 2013, 144, S-732.	1.3	1
108	Mo2062 Liraglutide, a Long-Acting GLP-1 Agonist, Improves Parameters of Late Dumping Syndrome During Ogtt in Patients Without Gastrectomy. Gastroenterology, 2013, 144, S-731.	1.3	1

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109	Mo2045 The Normoglycemic BB-DP Rat As a Model for Functional Gastrointestinal Disorders: The Implication of Mast Cells and Eosinophils. Gastroenterology, 2015, 148, S-778.	1.3	1
110	A Double-Blind, Placebo-Controlled Trial with Baclofen for the Treatment of Refractory Gastro-Esophageal Reflux Disease. Gastroenterology, 2017, 152, S167.	1.3	1
111	Analysis of Postprandial Symptom Patterns in Rome III and Rome IV Subgroups of Functional Dyspepsia Patients. Gastroenterology, 2017, 152, S304.	1.3	1
112	Intestinal Transplantation is Less Expensive Compared to Long-Term Home Parenteral Nutrition in Adults Transplantation, 2017, 101, S65.	1.0	1
113	Intestinal Transplantation is Cost Effective in the Treatment of Complicated Intestinal Failure. Transplantation, 2017, 101, S90.	1.0	1
114	Tu1253 - Sex Difference in the Colonic Features in Response to a Combinaison of Stress in the Biobbreeding Rat Model. Gastroenterology, 2018, 154, S-915-S-916.	1.3	1
115	Mo1584 - Predictors for Colonic Manometry Outcome Related to High-Amplitude Propagating Contractions. Gastroenterology, 2018, 154, S-760.	1.3	1
116	Reversal of protein-losing enteropathy following surgical revision of a jejunal Roux-en-Y loop after liver transplantation: Look for lymphangiectasia!. American Journal of Transplantation, 2019, 19, 3440-3441.	4.7	1
117	Su1645 – Naloxegol Restores Codeine-Induced Inhibition of Highamplitude Propagating Contractions in a Randomized, Three-Way Crossover Colonic High-Resolution Manometry Study in Healthy Volunteers. Gastroenterology, 2019, 156, S-595-S-596.	1.3	1
118	Postinfectious onset in functional dyspepsia is a risk factor for weight loss. Journal of Gastroenterology, 2022, 57, 156-163.	5.1	1
119	Sa1423 Correlation of Small Intestinal Permeability, Faecal Calprotectin and Barrier Genes in Multiple-Affected Families With Inflammatory Bowel Disease. Gastroenterology, 2016, 150, S311.	1.3	O
120	Esophageal Epithelial Integrity after but not before Perfusion is Associated with Perception Scores in Healthy Volunteers. Gastroenterology, 2017, 152, S238.	1.3	0
121	Cost Analysis of Long-Term Parenteral Nutrition for Benign Indications. Gastroenterology, 2017, 152, S8-S9.	1.3	O
122	Colonic Features of the Normoglycemic Biobreeding Rat: A Spontaneous Animal Model for Functional Gastrointestinal Disorders. Gastroenterology, 2017, 152, S728.	1.3	0
123	Multivisceral Transplantation for Portomesenteric Thrombosis and Unresectable Neuroendocrine Tumor. Transplantation, 2017, 101, S106.	1.0	O
124	Intestinal Transplantation. Transplantation, 2018, 102, S299-S300.	1.0	0
125	Multivisceral Transplantation for Diffuse Portomesenteric Thrombosis. Transplantation, 2018, 102, S851-S852.	1.0	0
126	Response to Letter to the Editor: NMOâ€00228â€2019.R1. Neurogastroenterology and Motility, 2020, 32, e13786.	3.0	0

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127	Reply to: Late dumping syndrome or postprandial reactive hypoglycaemic syndrome after bariatric surgery. Nature Reviews Endocrinology, 2021, 17, 317-318.	9.6	0
128	Chronic small intestinal dysmotility presenting as jejunal diverticulosis with refractory malabsorption: role for partial enterectomy?. Gut, 2022, 71, gutjnl-2021-324385.	12.1	0
129	The bitter tastant denatonium benzoate has no influence on the number of transient lower esophageal sphincter relaxations in health. Neurogastroenterology and Motility, 2021, 33, e14061.	3.0	0
130	Spore-forming probiotics for functional dyspepsia – Authors' reply. The Lancet Gastroenterology and Hepatology, 2021, 6, 983-984.	8.1	0
131	Essential reading from the editor's desk Acta Gastro-Enterologica Belgica, 2021, 84, 399-400.	1.0	0
132	Offering Guidance and Learning to Prescribers to Initiate Parenteral Nutrition using a Validated Electronic Decision TREE (OLIVE TREE). Journal of Medical Systems, 2022, 46, .	3.6	0