

# Hans Gregersen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5168299/publications.pdf>

Version: 2024-02-01

467  
papers

10,675  
citations

38742

50  
h-index

85541

71  
g-index

473  
all docs

473  
docs citations

473  
times ranked

6670  
citing authors

#	ARTICLE	IF	CITATIONS
1	New developments in defecatory studies based on biomechanics. Journal of Advanced Research, 2022, 35, 1-11.	9.5	5
2	Functional anorectal studies in patients with low anterior resection syndrome. Neurogastroenterology and Motility, 2022, 34, e14208.	3.0	13
3	TET1s deficiency exacerbates oscillatory shear flow-induced atherosclerosis. International Journal of Biological Sciences, 2022, 18, 2163-2180.	6.4	13
4	Biomechanical constitutive modeling of the gastrointestinal tissues: A systematic review. Materials and Design, 2022, 217, 110576.	7.0	4
5	Fecobionics Evaluation of Biofeedback Therapy in Patients With Fecal Incontinence. Clinical and Translational Gastroenterology, 2022, 13, e00491.	2.5	6
6	Supercritical CO2 extraction of total flavonoids from Iberis amara assisted by ultrasound. Journal of Supercritical Fluids, 2022, 184, 105581.	3.2	8
7	Biomechanical Properties of Strictures in Crohn's Disease: Can Dynamic Contrast-Enhanced Ultrasonography and Magnetic Resonance Enterography Predict Stiffness?. Diagnostics, 2022, 12, 1370.	2.6	1
8	Feasibility study of defecation studied with a wireless Fecobionics probe in normal subjects. Physiological Reports, 2022, 10, .	1.7	2
9	Fecobionics characterization of female patients with fecal incontinence. Scientific Reports, 2022, 12, .	3.3	3
10	Mechanophysiological analysis of anorectal function using simulated feces in human subjects. Journal of Advanced Research, 2021, 28, 245-254.	9.5	12
11	Simulated Colonic Feces Reveals Novel Contraction Patterns. Gastroenterology, 2021, 160, 660-662.	1.3	13
12	Fecobionics assessment of the effect of position on defecatory efficacy in normal subjects. Techniques in Coloproctology, 2021, 25, 559-568.	1.8	9
13	Translating Fecobionics Into a Technique That Addresses Clinical Needs for Objective Perineal Descent Measurements. Clinical and Translational Gastroenterology, 2021, 12, e00342.	2.5	11
14	Characterization of Patients With Obstructed Defecation and Slow Transit Constipation With a Simulated Stool. Clinical and Translational Gastroenterology, 2021, 12, e00354.	2.5	9
15	Long-term anorectal function in rectal cancer patients treated with chemoradiotherapy and endorectal brachytherapy. Colorectal Disease, 2021, 23, 2311-2319.	1.4	8
16	Novel bionics developments in gastroenterology: fecobionics assessment of lower GI tract function. Physiological Measurement, 2021, 42, 06TR01.	2.1	6
17	The blood flow-klf6a-tagln2 axis drives vessel pruning in zebrafish by regulating endothelial cell rearrangement and actin cytoskeleton dynamics. PLoS Genetics, 2021, 17, e1009690.	3.5	8
18	Bowel stiffness associated with histopathologic scoring of stenosis in patients with Crohn's disease. Acta Biomaterialia, 2021, 130, 332-342.	8.3	8

#	ARTICLE	IF	CITATIONS
19	Fecobionics Characterization of Patients With Fecal Incontinence. <i>Clinical Gastroenterology and Hepatology</i> , 2021, 19, 2447-2449.	4.4	14
20	Ultrasound-assisted supercritical CO2 extraction of cucurbitacin E from <i>Iberis amara</i> seeds. <i>Industrial Crops and Products</i> , 2020, 145, 112093.	5.2	21
21	Implications of rectal preconditioning for interpretation of sensory-motor data. <i>Journal of Biomechanics</i> , 2020, 99, 109541.	2.1	0
22	Ultrasound pretreatment combined with supercritical CO2 extraction of <i>Iberis amara</i> seed oil. <i>Journal of Applied Research on Medicinal and Aromatic Plants</i> , 2020, 18, 100265.	1.5	15
23	Novel Bionics Assessment of Anorectal Mechanosensory Physiology. <i>Bioengineering</i> , 2020, 7, 146.	3.5	7
24	Constipation and risk of cardiovascular diseases: a Danish population-based matched cohort study. <i>BMJ Open</i> , 2020, 10, e037080.	1.9	24
25	M2 macrophage-derived exosomes promote the c-KIT phenotype of vascular smooth muscle cells during vascular tissue repair after intravascular stent implantation. <i>Theranostics</i> , 2020, 10, 10712-10728.	10.0	56
26	Simulated stool for assessment of anorectal physiology. <i>American Journal of Physiology - Renal Physiology</i> , 2020, 319, G462-G468.	3.4	15
27	The functional lumen imaging probe in gastrointestinal disorders: the past, present, and future. <i>Annals of the New York Academy of Sciences</i> , 2020, 1482, 16-25.	3.8	9
28	Simulations of Myenteric Neuron Dynamics in Response to Mechanical Stretch. <i>Computational Intelligence and Neuroscience</i> , 2020, 2020, 1-10.	1.7	0
29	Impedance in the evaluation of the esophagus. <i>Annals of the New York Academy of Sciences</i> , 2020, 1481, 139-153.	3.8	3
30	Pressure overload changes mesenteric afferent nerve responses in a stress-dependent way in a fasting rat model. <i>Biomechanics and Modeling in Mechanobiology</i> , 2020, 19, 1741-1753.	2.8	3
31	Predicting the morbidity of chronic obstructive pulmonary disease based on multiple locally weighted linear regression model with K-means clustering. <i>International Journal of Medical Informatics</i> , 2020, 139, 104141.	3.3	15
32	Computational analysis of mechanical stress in colonic diverticulosis. <i>Scientific Reports</i> , 2020, 10, 6014.	3.3	7
33	SPARC: Correlation between Patient Characteristics in Gastrointestinal Evaluation using Principal Component Analysis. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0
34	SPARC: Wireless Fecobionics Device in dogs. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0
35	SPARC: Mechanophysiological analysis of anorectal function using simulated feces. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0
36	SPARC: Fecobionics Simulated Defecations in Pigs. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0

#	ARTICLE	IF	CITATIONS
37	Risk of cancer in patients with fecal incontinence. <i>Cancer Medicine</i> , 2019, 8, 6449-6457.	2.8	1
38	Amelioration of TMAO through probiotics and its potential role in atherosclerosis. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 9217-9228.	3.6	42
39	&lt;p&gt;Risk of cancer in patients with constipation&lt;/p&gt;. <i>Clinical Epidemiology</i> , 2019, Volume 11, 299-310.	3.0	24
40	Refeeding reverses fasting-induced remodeling of afferent nerve activity in rat small intestine. <i>Biomechanics and Modeling in Mechanobiology</i> , 2019, 18, 1915-1926.	2.8	3
41	Esophageal stress softening recovery is altered in STZ-induced diabetic rats. <i>Journal of Biomechanics</i> , 2019, 92, 126-136.	2.1	4
42	Mechanical analysis of intestinal contractility in a neonatal maternal deprivation irritable bowel syndrome rat model. <i>Journal of Biomechanics</i> , 2019, 93, 42-51.	2.1	5
43	Optimization, chemical constituents and bioactivity of essential oil from <i>Iberis amara</i> seeds extracted by ultrasound-assisted hydro-distillation compared to conventional techniques. <i>Journal of Applied Research on Medicinal and Aromatic Plants</i> , 2019, 13, 100204.	1.5	25
44	Call for a close collaborations between bioengineers and gastroenterologist. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2019, 34, 479-480.	2.8	0
45	Contribution-Based Multi-Stream Feature Distance Fusion Method With $\langle \text{inline-formula} \rangle \langle \text{tex-math notation="LaTeX"} \rangle \{k\} \langle \text{tex-math} \rangle \langle \text{inline-formula} \rangle$ -Distribution Re-Ranking for Person Re-Identification. <i>IEEE Access</i> , 2019, 7, 35631-35644.	4.2	8
46	Novel Fecobionics Defecatory Function Testing. <i>Clinical and Translational Gastroenterology</i> , 2019, 10, e00108.	2.5	25
47	Stressâ€strain analysis of duodenal contractility in response to flow and ramp distension in rabbits fed lowâ€fiber diet. <i>Neurogastroenterology and Motility</i> , 2019, 31, e13476.	3.0	2
48	Microcystin-LR induces angiodysplasia and vascular dysfunction through promoting cell apoptosis by the mitochondrial signaling pathway. <i>Chemosphere</i> , 2019, 218, 438-448.	8.2	32
49	Fecobionics: A Novel Bionics Device for Studying Defecation. <i>Annals of Biomedical Engineering</i> , 2019, 47, 576-589.	2.5	28
50	Targeted polyethylenimine/(p53 plasmid) nanocomplexes for potential antitumor applications. <i>Nanotechnology</i> , 2019, 30, 145601.	2.6	7
51	Theoretical Tools to Analyze Anorectal Mechanophysiological Data Generated by the Fecobionics Device. <i>Journal of Biomechanical Engineering</i> , 2019, 141, .	1.3	13
52	A Novel Role of Id1 in Regulating Oscillatory Shear Stress-Mediated Lipid Uptake in Endothelial Cells. <i>Annals of Biomedical Engineering</i> , 2018, 46, 849-863.	2.5	31
53	3D reconstruction and fiber quantification in the pig lower esophageal sphincter region using in vitro diffusion tensor imaging. <i>Biomedical Physics and Engineering Express</i> , 2018, 4, 025002.	1.2	5
54	Anal sphincter dysfunction in patients treated with primary radiotherapy for anal cancer: a study with the functional lumen imaging probe. <i>Acta OncolÃ³gica</i> , 2018, 57, 465-472.	1.8	15

#	ARTICLE	IF	CITATIONS
55	The impact of naloxegol on anal sphincter function - Using a human experimental model of opioid-induced bowel dysfunction. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 117, 187-192.	4.0	15
56	The Turning Point for Morphomechanical Remodeling During Complete Intestinal Obstruction in Rats Occurs After 12-24h. <i>Annals of Biomedical Engineering</i> , 2018, 46, 705-716.	2.5	2
57	Fecobionics: Integrating Anorectal Function Measurements. <i>Clinical Gastroenterology and Hepatology</i> , 2018, 16, 981-983.	4.4	30
58	Lower Esophageal Sphincter Efficacy Following Laparoscopic Antireflux Surgery with Hiatal Repair: Role of Fluoroscopy, High-Resolution Impedance Manometry and FLIP in Detecting Recurrence of GERD and Hiatal Hernia. , 2018, , 153-168.		0
59	IDDF2018-ABS-0175-Functional lumen imaging probe assessment of anal canal distensibility. , 2018, , .		0
60	IDDF2018-ABS-0174-Fecobionics: novel defecatory function test. , 2018, , .		0
61	Esophageal multimodal stimulation and sensation. <i>Annals of the New York Academy of Sciences</i> , 2018, 1434, 210-218.	3.8	5
62	Pathophysiology and treatment of achalasia in a muscle mechanical perspective. <i>Annals of the New York Academy of Sciences</i> , 2018, 1434, 173-184.	3.8	7
63	Axial Movements and Length Changes of the Human Lower Esophageal Sphincter During Respiration and Distension-induced Secondary Peristalsis Using Functional Luminal Imaging Probe. <i>Journal of Neurogastroenterology and Motility</i> , 2018, 24, 255-267.	2.4	5
64	What Is the Future of Impedance Planimetry in Gastroenterology?. <i>Journal of Neurogastroenterology and Motility</i> , 2018, 24, 166-181.	2.4	15
65	Blood Flow Regulates Zebrafish Caudal Vein Plexus Angiogenesis by ERK5-klf2a-nos2b Signaling. <i>Current Molecular Medicine</i> , 2018, 18, 3-14.	1.3	11
66	The esophagiome: integrated anatomical, mechanical, and physiological analysis of the esophago-gastric segment. <i>Annals of the New York Academy of Sciences</i> , 2018, 1434, 5-20.	3.8	2
67	Reversible stress softening in layered rat esophagus in vitro after potassium chloride activation. <i>Biomechanics and Modeling in Mechanobiology</i> , 2017, 16, 1065-1075.	2.8	3
68	Increased yield pressure in the anal canal during sacral nerve stimulation: a pilot study with the functional lumen imaging probe. <i>Neurogastroenterology and Motility</i> , 2017, 29, e12929.	3.0	16
69	Esophagogastric junction in systemic sclerosis: A study with the functional lumen imaging probe. <i>Neurogastroenterology and Motility</i> , 2017, 29, e13073.	3.0	15
70	Patients with Barrett's esophagus are hypersensitive to acid but hyposensitive to other stimuli compared with healthy controls. <i>Neurogastroenterology and Motility</i> , 2017, 29, e12992.	3.0	10
71	Fecobionics: A Novel Bionic Test of Anorectal Function and Defecation. <i>Gastroenterology</i> , 2017, 152, S317.	1.3	8
72	Immobilization of heparin/poly-l-lysine microspheres on medical grade high nitrogen nickel-free austenitic stainless steel surface to improve the biocompatibility and suppress thrombosis. <i>Materials Science and Engineering C</i> , 2017, 73, 198-205.	7.3	15

#	ARTICLE	IF	CITATIONS
73	Prolonged-Release Oxycodone/Naloxone Improves Anal Sphincter Relaxation Compared to Oxycodone Plus Macrogol 3350. <i>Digestive Diseases and Sciences</i> , 2017, 62, 3156-3166.	2.3	11
74	Endoscopic Treatment of Subepithelial Lesions of the Gastrointestinal Tract. Current Treatment Options in Gastroenterology, 2017, 15, 603-617.	0.8	12
75	Reply. <i>Clinical Gastroenterology and Hepatology</i> , 2017, 15, 1978-1979.	4.4	1
76	Analysis of Functional Luminal Imaging Probe Data. <i>Clinical Gastroenterology and Hepatology</i> , 2017, 15, 1313-1314.	4.4	8
77	Intestinal Mechanomorphological Remodeling Induced by Long-Term Low-Fiber Diet in Rabbits. <i>Annals of Biomedical Engineering</i> , 2017, 45, 2867-2878.	2.5	8
78	P2X3 receptor-mediated visceral hyperalgesia and neuronal sensitization following exposure to PTSD-like stress in the dorsal root ganglia of rats. <i>Neurogastroenterology and Motility</i> , 2017, 29, e12976.	3.0	14
79	Shear Modulus of the Partially Obstructed Rat Small Intestine. <i>Annals of Biomedical Engineering</i> , 2017, 45, 1069-1082.	2.5	10
80	Low-residue diet fed to rabbits induces histomorphological and biomechanical remodeling of small intestine. <i>Neurogastroenterology and Motility</i> , 2017, 29, e12983.	3.0	6
81	Forests for sustainable development: a process approach to forest sector contributions to the UN 2030 Agenda for Sustainable Development. <i>International Forestry Review</i> , 2017, 19, 10-23.	0.6	10
82	Interdependency between mechanical parameters and afferent nerve discharge in remodeled diabetic Goto-Kakizaki rat intestine. <i>Clinical and Experimental Gastroenterology</i> , 2017, Volume 10, 303-314.	2.3	6
83	Chinese health care system and clinical epidemiology. <i>Clinical Epidemiology</i> , 2017, Volume 9, 167-178.	3.0	63
84	Research on the traditional Chinese medicine treating gastrointestinal motility in diabetic rats by improving biomechanical remodeling and neuroendocrine regulation. <i>American Journal of Translational Research (discontinued)</i> , 2017, 9, 2219-2230.	0.0	4
85	Esophageal Acid Clearance During Random Swallowing Is Faster in Patients with Barrett's Esophagus Than in Healthy Controls. <i>Journal of Neurogastroenterology and Motility</i> , 2016, 22, 630-642.	2.4	2
86	Mechanism Investigation of the Improvement of Chang Run Tong on the Colonic Remodeling in Streptozotocin-Induced Diabetic Rats. <i>Journal of Diabetes Research</i> , 2016, 2016, 1-14.	2.3	5
87	Provocative testing of the esophagus and its future. <i>Annals of the New York Academy of Sciences</i> , 2016, 1380, 33-47.	3.8	4
88	The virtual esophagus: investigating esophageal functions <i>in silico</i> . <i>Annals of the New York Academy of Sciences</i> , 2016, 1380, 19-26.	3.8	5
89	Tu1409 Abnormal Expressions of Age, RAGE, TGF- $\beta$ 1 and TGF- $\beta$ 1 Receptor in Colonic Wall Contributed to STZ-Induced Diabetic Colon Remodeling. <i>Gastroenterology</i> , 2016, 150, S897.	1.3	0
90	The sensory system of the esophagus – what do we know?. <i>Annals of the New York Academy of Sciences</i> , 2016, 1380, 91-103.	3.8	7

#	ARTICLE	IF	CITATIONS
91	The Esophagiome: concept, status, and future perspectives. <i>Annals of the New York Academy of Sciences</i> , 2016, 1380, 6-18.	3.8	7
92	EP-1876: An image-based method to quantify biomechanical properties of the rectum in RT of prostate cancer. <i>Radiotherapy and Oncology</i> , 2016, 119, S885-S886.	0.6	0
93	Diabetes-induced mechanophysiological changes in the esophagus. <i>Annals of the New York Academy of Sciences</i> , 2016, 1380, 139-154.	3.8	10
94	High shear stress induces atherosclerotic vulnerable plaque formation through angiogenesis. <i>International Journal of Energy Production and Management</i> , 2016, 3, 257-267.	3.7	59
95	Three-Dimensional Polydopamine Functionalized Coiled Microfibrous Scaffolds Enhance Human Mesenchymal Stem Cells Colonization and Mild Myofibroblastic Differentiation. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 15864-15873.	8.0	70
96	Interdependency between mechanical parameters and afferent nerve discharge in hypertrophic intestine of rats. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 310, G376-G386.	3.4	10
97	Distensibility and pain of the uterine cervix evaluated by novel techniques. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2016, 95, 717-723.	2.8	2
98	Ravages of Diabetes on Gastrointestinal Sensory-Motor Function: Implications for Pathophysiology and Treatment. <i>Current Gastroenterology Reports</i> , 2016, 18, 6.	2.5	8
99	Understanding the sensory irregularities of esophageal disease. <i>Expert Review of Gastroenterology and Hepatology</i> , 2016, 10, 1-8.	3.0	6
100	Re-Endothelialization Study on Endovascular Stents Seeded by Endothelial Cells through Up- or Downregulation of VEGF. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 7578-7589.	8.0	42
101	EVALUATION OF INTIMAL HYPERPLASIA AND THROMBOSIS AFTER IMPLANTATION OF PLATELET GLYCOPROTEIN IIIa MONOCLONAL ANTIBODY-ELUTING STENT IN NEW ZEALAND WHITE RABBIT AORTA OR ILIAC ARTERIES. <i>Biomedical Engineering - Applications, Basis and Communications</i> , 2015, 27, 1550046.	0.6	0
102	Esophageal morphometric and biomechanical changes during aging in rats. <i>Neurogastroenterology and Motility</i> , 2015, 27, 1638-1647.	3.0	9
103	Advanced glycation end-product expression is upregulated in the gastrointestinal tract of type 2 diabetic rats. <i>World Journal of Diabetes</i> , 2015, 6, 662.	3.5	23
104	Morphometric and biomechanical remodeling of the small intestine during aging in rats. <i>Journal of Biomechanics</i> , 2015, 48, 4271-4278.	2.1	8
105	Stress-strain analysis of contractility in the ileum in response to flow and ramp distension in streptozotocin-induced diabetic rats Association with advanced glycation end product formation. <i>Journal of Biomechanics</i> , 2015, 48, 1075-1083.	2.1	9
106	Effect of surface chemistry on the integrin induced pathway in regulating vascular endothelial cells migration. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 126, 188-197.	5.0	33
107	Salvage bortezomib-dexamethasone and high-dose melphalan (HDM) and autologous stem cell support (ASCT) in myeloma patients at first relapse after HDM with ASCT. A phase-2 trial. <i>Bone Marrow Transplantation</i> , 2015, 50, 1306-1311.	2.4	15
108	Functional lumen imaging of the gastrointestinal tract. <i>Journal of Gastroenterology</i> , 2015, 50, 1005-1016.	5.1	37

#	ARTICLE	IF	CITATIONS
109	Ultraporous nanofeatured PCL-PEO microfibrinous scaffolds enhance cell infiltration, colonization and myofibroblastic differentiation. <i>Nanoscale</i> , 2015, 7, 14989-14995.	5.6	25
110	An image-based method to quantify biomechanical properties of the rectum in radiotherapy of prostate cancer. <i>Acta Oncologica</i> , 2015, 54, 1335-1342.	1.8	11
111	Effect of Amphiphilic PCL-PEG Nano-Micelles on HepG2 Cell Migration. <i>Macromolecular Bioscience</i> , 2015, 15, 372-384.	4.1	16
112	Validation of Shape Context Based Image Registration Method Using Digital Image Correlation Measurement on a Rat Stomach. <i>Journal of Computational Medicine</i> , 2014, 2014, 1-7.	0.3	2
113	Rear actomyosin contractility-driven directional cell migration in three-dimensional matrices: a mechano-chemical coupling mechanism. <i>Journal of the Royal Society Interface</i> , 2014, 11, 20131072.	3.4	41
114	Study of biocompatibility of medical grade high nitrogen nickel-free austenitic stainless steel in vitro. <i>Materials Science and Engineering C</i> , 2014, 43, 641-648.	7.3	51
115	The brain networks encoding visceral sensation in patients with gastrointestinal symptoms due to diabetic neuropathy. <i>Neurogastroenterology and Motility</i> , 2014, 26, 46-58.	3.0	25
116	Distensibility of the anal canal in patients with idiopathic fecal incontinence: a study with the Functional Lumen Imaging Probe. <i>Neurogastroenterology and Motility</i> , 2014, 26, 255-263.	3.0	48
117	Sacral nerve stimulation changes rectal sensitivity and biomechanical properties in patients with irritable bowel syndrome. <i>Neurogastroenterology and Motility</i> , 2014, 26, 1597-1604.	3.0	22
118	Pain evoked by distension of the uterine cervix in women with dysmenorrhea: evidence for central sensitization. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2014, 93, 741-748.	2.8	23
119	Morphine modifies the cingulate operculum network underlying painful rectal evoked potentials. <i>Neuropharmacology</i> , 2014, 77, 422-427.	4.1	15
120	Quantitative Differences Between Primary and Secondary Peristaltic Contractions of the Esophagus. <i>Digestive Diseases and Sciences</i> , 2014, 59, 1810-1816.	2.3	14
121	Identification of biomechanical properties in vivo in human uterine cervix. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2014, 39, 27-37.	3.1	22
122	Contractions Reverse Stress Softening in Rat Esophagus. <i>Annals of Biomedical Engineering</i> , 2014, 42, 1717-1728.	2.5	13
123	Biomechanical regulation of vascular smooth muscle cell functions: from <i>in vitro</i> to <i>in vivo</i> understanding. <i>Journal of the Royal Society Interface</i> , 2014, 11, 20130852.	3.4	137
124	Cervical Stiffness Evaluated In Vivo by Endoflip in Pregnant Women. <i>PLoS ONE</i> , 2014, 9, e91121.	2.5	26
125	Stress-strain analysis of jejunal contractility in response to flow and ramp distension in type 2 diabetic GK rats: Effect of carbachol stimulation. <i>Journal of Biomechanics</i> , 2013, 46, 2469-2476.	2.1	10
126	Neorectal hyposensitivity after neoadjuvant therapy for rectal cancer. <i>Radiotherapy and Oncology</i> , 2013, 108, 331-336.	0.6	46



#	ARTICLE	IF	CITATIONS
127	Morpho-mechanical intestinal remodeling in type 2 diabetic GK ratsâ€”Is it related to advanced glycation end product formation?. <i>Journal of Biomechanics</i> , 2013, 46, 1128-1134.	2.1	31
128	Distensibility of the anal canal in patients with systemic sclerosis: a study with the functional lumen imaging probe. <i>Colorectal Disease</i> , 2013, 15, e40-7.	1.4	29
129	Evidence for stressâ€”dependent mechanoreceptors linking intestinal biomechanics and sensory signal transduction. <i>Experimental Physiology</i> , 2013, 98, 123-133.	2.0	7
130	Nonspecific motility disorders, irritable esophagus, and chest pain. <i>Annals of the New York Academy of Sciences</i> , 2013, 1300, 96-109.	3.8	7
131	Macrostructural Brain Changes in Patients with Longstanding Type 1 Diabetes Mellitus - a Cortical Thickness Analysis Study. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2013, 121, 354-360.	1.2	26
132	Altered Brain Microstructure Assessed by Diffusion Tensor Imaging in Patients With Diabetes and Gastrointestinal Symptoms. <i>Diabetes Care</i> , 2013, 36, 662-668.	8.6	33
133	Distensionâ€”evoked motility analysis in human esophagus. <i>Neurogastroenterology and Motility</i> , 2013, 25, 407.	3.0	13
134	Diabetic Autonomic Neuropathy Affects Symptom Generation and Brain-Gut Axis. <i>Diabetes Care</i> , 2013, 36, 3698-3705.	8.6	54
135	Relationships of CDXs and apical sodium-dependent bile acid transporter in Barrettâ€™s esophagus. <i>World Journal of Gastroenterology</i> , 2013, 19, 2736.	3.3	6
136	Changes of phasic and tonic smooth muscle function of jejunum in type 2 diabetic Goto-Kakizaki rats. <i>World Journal of Diabetes</i> , 2013, 4, 339.	3.5	7
137	Title is missing!. <i>Journal of Medical and Biological Engineering</i> , 2013, 33, 149.	1.8	2
138	Neurogenic adaptation contributes to the afferent response to mechanical stimulation. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 302, G1025-G1034.	3.4	12
139	Surface Deformation Analysis of End-to-End Stapled Intestinal Anastomosis. <i>Surgical Innovation</i> , 2012, 19, 281-287.	0.9	4
140	Rome III Subgroups of Functional Dyspepsia Exhibit Different Characteristics of Antral Contractions Measured by Strain Rate Imaging â€” a Pilot Study. <i>Ultraschall in Der Medizin</i> , 2012, 33, E233-E240.	1.5	13
141	Functional luminal imaging probe: a new technique for dynamic evaluation of mechanical properties of the anal canal. <i>Techniques in Coloproctology</i> , 2012, 16, 451-457.	1.8	32
142	Patients with Esophageal Motility Disorders Show Distinct Patterns Based on Axial Force Measurements. <i>Digestive Diseases and Sciences</i> , 2012, 57, 2929-2935.	2.3	1
143	Interdependency of stress relaxation and afferent nerve discharge in rat small intestine. <i>Journal of Biomechanics</i> , 2012, 45, 1574-1579.	2.1	5
144	A novel 3D shape context method based strain analysis on a rat stomach model. <i>Journal of Biomechanics</i> , 2012, 45, 1566-1573.	2.1	10

#	ARTICLE	IF	CITATIONS
145	Evaluation of anal sphincter resistance and distensibility in healthy controls using EndoFLIP Â©. <i>Neurogastroenterology and Motility</i> , 2012, 24, e591-9.	3.0	32
146	Modality specific alterations of esophageal sensitivity caused by longstanding diabetes mellitus. <i>Scandinavian Journal of Pain</i> , 2012, 3, 181-182.	1.3	0
147	Sa1940 Effect of Acute Ischemia on the Biomechanical Properties of Rat Small Intestine. <i>Gastroenterology</i> , 2012, 142, S-364.	1.3	0
148	Distension of the renal pelvis in kidney stone patients: sensory and biomechanical responses. <i>Urological Research</i> , 2012, 40, 305-316.	1.5	19
149	Upregulation of SDF-1 is Associated with Atherosclerosis Lesions Induced by LDL Concentration Polarization. <i>Annals of Biomedical Engineering</i> , 2012, 40, 1018-1027.	2.5	25
150	Esophageal distension parameters as potential biomarkers of impaired gastrointestinal function in diabetes patients. <i>Neurogastroenterology and Motility</i> , 2012, 24, 1016.	3.0	20
151	Up-Regulated Expression of Advanced Glycation End-Products and Their Receptor in the Small Intestine and Colon of Diabetic Rats. <i>Digestive Diseases and Sciences</i> , 2012, 57, 48-57.	2.3	56
152	Effect of Tangweian Jianji on upper gastrointestinal remodeling in streptozotocin-induced diabetic rats. <i>World Journal of Gastroenterology</i> , 2012, 18, 4875.	3.3	11
153	Psychological Factors and Esophageal Acid Exposure Are of Importance in Patients With Chest Pain Not Explained by Cardiac Causes. <i>Gastroenterology</i> , 2011, 140, S-228.	1.3	0
154	T146 SENSORY AND BIOMECHANICAL RESPONSES TO DISTENSION OF THE RENAL PELVIS IN KIDNEY STONE PATIENTS. <i>European Journal of Pain Supplements</i> , 2011, 5, 28-28.	0.0	0
155	Migrating Motor Complex in Colectomized Ileo Stoma Patients. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2011, 108, 349-358.	2.5	3
156	Irritable bowel syndrome and risk of colorectal cancer: a Danish nationwide cohort study. <i>British Journal of Cancer</i> , 2011, 104, 1202-1206.	6.4	50
157	Mechanismâ€based evaluation and treatment of esophageal disorders. <i>Annals of the New York Academy of Sciences</i> , 2011, 1232, 341-348.	3.8	6
158	Distensibility testing of the esophagus. <i>Annals of the New York Academy of Sciences</i> , 2011, 1232, 331-340.	3.8	17
159	Mechanical Characteristics of Distension-Evoked Peristaltic Contractions in the Esophagus of Systemic Sclerosis Patients. <i>Digestive Diseases and Sciences</i> , 2011, 56, 3559-3568.	2.3	22
160	Stress and strain analysis of contractions during ramp distension in partially obstructed guinea pig jejunal segments. <i>Journal of Biomechanics</i> , 2011, 44, 2077-2082.	2.1	8
161	Phasic and Tonic Smooth Muscle Function of the Partially Obstructed Guinea Pig Intestine. <i>Journal of Biomedicine and Biotechnology</i> , 2011, 2011, 1-9.	3.0	4
162	Model for Electrical Field Distribution in the Human Esophagus during Stimulation with Patch and Ring Electrodes. <i>Gastroenterology Research and Practice</i> , 2011, 2011, 1-8.	1.5	5

#	ARTICLE	IF	CITATIONS
163	Viscosity of food boluses affects the axial force in the esophagus. World Journal of Gastroenterology, 2011, 17, 1982.	3.3	10
164	Proximal and distal esophageal sensitivity is decreased in patients with Barrett's esophagus. World Journal of Gastroenterology, 2011, 17, 514.	3.3	32
165	The preterm piglet – a model in the study of oesophageal development in preterm neonates. Acta Paediatrica, International Journal of Paediatrics, 2010, 99, 201-208.	1.5	18
166	Esophagogastric Junction Distensibility After Fundoplication Assessed with a Novel Functional Luminal Imaging Probe. Journal of Gastrointestinal Surgery, 2010, 14, 268-276.	1.7	115
167	Mechanosensation and Mucosal Blood Perfusion in the Esophagus of Healthy Volunteers Studied with a Multimodal Device Incorporating Laser Doppler Flowmetry and Endosonography. Digestive Diseases and Sciences, 2010, 55, 312-320.	2.3	8
168	Biomechanical remodelling of obstructed guinea pig jejunum. Journal of Biomechanics, 2010, 43, 1322-1329.	2.1	23
169	3d Mechanical properties of the partially obstructed guinea pig small intestine. Journal of Biomechanics, 2010, 43, 2079-2086.	2.1	33
170	Reproducibility of axial force and manometric recordings in the oesophagus during wet and dry swallows. Neurogastroenterology and Motility, 2010, 22, 142-e47.	3.0	11
171	Investigation of esophageal sensation and biomechanical properties in functional chest pain. Neurogastroenterology and Motility, 2010, 22, 520-6, e116.	3.0	42
172	Technical advances in monitoring human motility patterns. Neurogastroenterology and Motility, 2010, 22, 366-380.	3.0	35
173	Sensation evoked by esophageal distension in functional chest pain patients depends on mechanical stress rather than on ischemia. Neurogastroenterology and Motility, 2010, 22, 1170-e311.	3.0	11
174	A new distensibility technique to measure sphincter of Oddi function. Neurogastroenterology and Motility, 2010, 22, 978.	3.0	15
175	In Vivo Biomechanical Assessment of Anterior Rabbit Urethra After Repair of Surgically Created Hypospadias. Journal of Urology, 2010, 184, 675-682.	0.4	7
176	The Effects of Low Density Lipoprotein on the Adhesion Force of Endothelial Cells and Extracellular Matrix. IFMBE Proceedings, 2010, , 1012-1015.	0.3	0
177	Stromal Derived Factor-1 Is Up-Expressed in Atherosclerosis Lesion Induced by Low Density Lipoprotein Concentration Polarization. IFMBE Proceedings, 2010, , 402-405.	0.3	0
178	Gastrointestinal tract modelling in health and disease. World Journal of Gastroenterology, 2009, 15, 169.	3.3	46
179	Stepwise radiofrequency ablation of Barrett's esophagus preserves esophageal inner diameter, compliance, and motility. Endoscopy, 2009, 41, 2-8.	1.8	46
180	Functional luminal imaging probe geometric and histomorphologic analysis of abdominal wall wound induced by different trocars in pigs. Surgical Endoscopy and Other Interventional Techniques, 2009, 23, 1004-1012.	2.4	7

#	ARTICLE	IF	CITATIONS
181	Biomechanical changes in oxazolone-induced colitis in BALB/C mice. <i>Journal of Biomechanics</i> , 2009, 42, 811-817.	2.1	16
182	Biomechanical and Histomorphometric Colon Remodelling in STZ-Induced Diabetic Rats. <i>Digestive Diseases and Sciences</i> , 2009, 54, 1636-1642.	2.3	30
183	Weight Loss After Gastric Banding is Associated with Pouch Pressure and not Pouch Emptying Rate. <i>Obesity Surgery</i> , 2009, 19, 850-855.	2.1	31
184	Strain measurement during antral contractions by ultrasound strain rate imaging: influence of erythromycin. <i>Neurogastroenterology and Motility</i> , 2009, 21, 170-179.	3.0	20
185	Modelling the elastin, collagen and smooth muscle contribution to the duodenal mechanical behaviour in patients with systemic sclerosis. <i>Neurogastroenterology and Motility</i> , 2009, 21, 914.	3.0	17
186	An endoscopic method for thermal and chemical stimulation of the human oesophagus. <i>Neurogastroenterology and Motility</i> , 2009, 21, 1250.	3.0	14
187	Biomechanical behaviour of oesophageal tissues: Material and structural configuration, experimental data and constitutive analysis. <i>Medical Engineering and Physics</i> , 2009, 31, 1056-1062.	1.7	94
188	Intestinal remodelling in mink fed with reduced protein content. <i>Journal of Biomechanics</i> , 2009, 42, 443-448.	2.1	10
189	Tissue softening of guinea pig oesophagus tested by the tri-axial test machine. <i>Journal of Biomechanics</i> , 2009, 42, 804-810.	2.1	21
190	Imaging of the gastrointestinal tract-novel technologies. <i>World Journal of Gastroenterology</i> , 2009, 15, 160.	3.3	24
191	Axial force measurement for esophageal function testing. <i>World Journal of Gastroenterology</i> , 2009, 15, 139.	3.3	11
192	Do we really understand the role of the oesophagogastric junction in disease?. <i>World Journal of Gastroenterology</i> , 2009, 15, 144.	3.3	20
193	Mucosal blood flow measurements using laser Doppler perfusion monitoring. <i>World Journal of Gastroenterology</i> , 2009, 15, 198.	3.3	26
194	New technologies in gastrointestinal research. <i>World Journal of Gastroenterology</i> , 2009, 15, 129.	3.3	0
195	The villi contribute to the mechanics in the guinea pig small intestine. <i>Journal of Biomechanics</i> , 2008, 41, 806-812.	2.1	13
196	Spontaneous and Bolus-induced Motility in the Chronically Obstructed Guinea-Pig Small Intestine In vitro. <i>Digestive Diseases and Sciences</i> , 2008, 53, 413-420.	2.3	15
197	Phasic and Tonic Stress-Strain Data Obtained in Intact Intestinal Segment In Vitro. <i>Digestive Diseases and Sciences</i> , 2008, 53, 3145-3151.	2.3	7
198	Deterioration of Muscle Function in the Human Esophagus with Age. <i>Digestive Diseases and Sciences</i> , 2008, 53, 3065-3070.	2.3	54

#	ARTICLE	IF	CITATIONS
199	Numerical Analysis of Pouch Filling and Emptying After Laparoscopic Gastric Banding Surgery. <i>Obesity Surgery</i> , 2008, 18, 243-250.	2.1	11
200	Unexplained chest/epigastric pain in patients with normal endoscopy as a predictor for ischemic heart disease and mortality: A Danish 10-year cohort study. <i>BMC Gastroenterology</i> , 2008, 8, 28.	2.0	4
201	Effect of smooth muscle tone on morphometry and residual strain in rat duodenum, jejunum and ileum. <i>Journal of Biomechanics</i> , 2008, 41, 2667-2672.	2.1	11
202	Stomach stress and strain depend on location, direction and the layered structure. <i>Journal of Biomechanics</i> , 2008, 41, 3441-3447.	2.1	53
203	Oesophageal heat transfer properties indication of segmental blood flow changes during distension. <i>Neurogastroenterology and Motility</i> , 2008, 20, 298-303.	3.0	3
204	Multimodal sensory testing of the rectum and rectosigmoid: development and reproducibility of a new method. <i>Neurogastroenterology and Motility</i> , 2008, 20, 908-918.	3.0	45
205	Enhancing &lt; &gt;ex post&lt;/&gt; impact assessment of agricultural research: the CGIAR experience. <i>Research Evaluation</i> , 2008, 17, 201-212.	2.6	14
206	The EuroPhysiome, STEP and a roadmap for the virtual physiological human. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2008, 366, 2979-2999.	3.4	92
207	Central neuronal mechanisms of gastric electrical stimulation in diabetic gastroparesis. <i>Scandinavian Journal of Gastroenterology</i> , 2008, 43, 1066-1075.	1.5	27
208	Determination of Homeostatic Elastic Moduli in Two Layers of the Esophagus. <i>Journal of Biomechanical Engineering</i> , 2008, 130, 011005.	1.3	17
209	Analysis of Abdominal Wounds Made by Surgical Trocars Using Functional Luminal Imaging Probe (FLIP) Technology. <i>Surgical Innovation</i> , 2008, 15, 208-212.	0.9	3
210	Simultaneous monitoring of cellular depolarization and contraction: a new method to investigate excitability and contractility in isolated smooth muscle cells. <i>American Journal of Physiology - Renal Physiology</i> , 2008, 294, G648-G654.	3.4	3
211	Measurement of the axial force during primary peristalsis in the oesophagus using a novel electrical impedance technology. <i>Physiological Measurement</i> , 2008, 29, 389-399.	2.1	6
212	Biomechanical functional and sensory modelling of the gastrointestinal tract. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2008, 366, 3281-3299.	3.4	17
213	Gastroesophageal Reflux 2D and 3D Steady State CFD Simulations. , 2008, , .		0
214	Sensory and biomechanical properties of the esophagus in non-erosive reflux disease. <i>Scandinavian Journal of Gastroenterology</i> , 2007, 42, 432-440.	1.5	46
215	Surrounding tissues affect the passive mechanics of the vessel wall: theory and experiment. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 293, H3290-H3300.	3.2	77
216	In vivo areal modulus of elasticity estimation of the human tympanic membrane system: modelling of middle ear mechanical function in normal young and aged ears. <i>Physics in Medicine and Biology</i> , 2007, 52, 803-814.	3.0	27

#	ARTICLE	IF	CITATIONS
217	The functional lumen imaging probe (FLIP) for evaluation of the esophagogastric junction. American Journal of Physiology - Renal Physiology, 2007, 292, G377-G384.	3.4	130
218	Increased expression of endothelin B receptor in static stretch exposed porcine mitral valve leaflets. Research in Veterinary Science, 2007, 82, 232-238.	1.9	6
219	Gut sensations in diabetic autonomic neuropathy. Pain, 2007, 131, 320-329.	4.2	54
220	Manual pressure distension of the human saphenous vein changes its biomechanical propertiesâ€”implication for coronary artery bypass grafting. Journal of Biomechanics, 2007, 40, 2268-2276.	2.1	29
221	Opening angle and residual strain in a three-layered model of pig oesophagus. Journal of Biomechanics, 2007, 40, 3187-3192.	2.1	41
222	A new method for evaluation of intestinal muscle contraction properties: studies in normal subjects and in patients with systemic sclerosis. Neurogastroenterology and Motility, 2007, 19, 11-19.	3.0	29
223	Contribution of sensitivity, volume and tone to visceral perception in the upper gastrointestinal tract in man: emphasis on testing. Neurogastroenterology and Motility, 2007, 19, 47-61.	3.0	61
224	Geometric and mechanosensory properties of the sigmoid colon evaluated with magnetic resonance imaging. Neurogastroenterology and Motility, 2007, 19, 253-262.	3.0	10
225	Review article: acidity and volume of the refluxate in the genesis of gastroâ€”oesophageal reflux disease symptoms. Alimentary Pharmacology and Therapeutics, 2007, 25, 1003-1017.	3.7	104
226	Risk of peptic ulcer, oesophagitis, pancreatitis or gallstone in patients with unexplained chest/epigastric pain and normal upper endoscopy: a 10â€”year Danish cohort study. Alimentary Pharmacology and Therapeutics, 2007, 25, 1203-1210.	3.7	7
227	Biomechanical and histomorphometric esophageal remodeling in type 2 diabetic GK rats. Journal of Diabetes and Its Complications, 2007, 21, 34-40.	2.3	28
228	Dimensions and Circumferential Stress-Strain Relation in the Porcine Esophagus in Vitro Determined by Combined Impedance Planimetry and High-Frequency Ultrasound. Digestive Diseases and Sciences, 2007, 52, 1338-1344.	2.3	10
229	Biomechanical Remodeling of the Chronically Obstructed Guinea Pig Small Intestine. Digestive Diseases and Sciences, 2007, 52, 336-346.	2.3	24
230	Risk of Gastrointestinal Cancer in Patients with Unexplained Chest/Epigastric Pain and Normal Upper Endoscopy: A Danish 10-Year Follow-up Study. Digestive Diseases and Sciences, 2007, 52, 1730-1737.	2.3	3
231	Impaired contractility and remodeling of the upper gastrointestinal tract in diabetes mellitus type-1. World Journal of Gastroenterology, 2007, 13, 4881.	3.3	50
232	The oesophageal zero-stress state and mucosal folding from a GIOME perspective. World Journal of Gastroenterology, 2007, 13, 1347.	3.3	12
233	Computation of flow through the oesophagogastric junction. World Journal of Gastroenterology, 2007, 13, 1360.	3.3	20
234	Advanced imaging and visualization in gastrointestinal disorders. World Journal of Gastroenterology, 2007, 13, 1408.	3.3	42

#	ARTICLE	IF	CITATIONS
235	Opening angle and residual strain in a three-layered model of pig esophagus. FASEB Journal, 2007, 21, A1232.	0.5	1
236	The way ahead - impact assessment of natural resource management research.. , 2007, , 259-266.		0
237	Biomechanical and morphometric colon remodelling in STZ-induced diabetic rats. FASEB Journal, 2007, 21, A1133.	0.5	0
238	Effect of partial obstruction on the contraction of guinea pig jejunum. FASEB Journal, 2007, 21, A1326.	0.5	0
239	The GIOME: Concept and current role in gastrointestinal tract studies. World Journal of Gastroenterology, 2007, 13, 1333.	3.3	0
240	The villi contribute to the mechanics in the guinea pig small intestine. FASEB Journal, 2007, 21, A1326.	0.5	0
241	Remodelling of the zero-stress state and residual strains in apoE-deficient mouse aorta. Biorheology, 2007, 44, 75-89.	0.4	6
242	Longitudinal residual strain and stress-strain relationship in rat small intestine. BioMedical Engineering OnLine, 2006, 5, 37.	2.7	34
243	Three-dimensional geometry analysis of the stomach in type II diabetic GK rats. Diabetes Research and Clinical Practice, 2006, 71, 1-13.	2.8	21
244	Three-dimensional surface model analysis in the gastrointestinal tract. World Journal of Gastroenterology, 2006, 12, 2870.	3.3	25
245	Pain mechanisms of the esophagus in healthy humans studied by laser Doppler flowmetry. Journal of Clinical Gastroenterology, 2006, 40, S196-S197.	2.2	0
246	Remodelling of the zero-stress state and residual strains in apoE-deficient mouse aorta. Journal of Biomechanics, 2006, 39, S318-S319.	2.1	0
247	Sensation and distribution of stress and deformation in the human oesophagus. Neurogastroenterology and Motility, 2006, 18, 104-114.	3.0	25
248	A multimodal laser Doppler and endosonographic distension device for studying mechanosensation and mucosal blood flow in the oesophagus. Neurogastroenterology and Motility, 2006, 18, 243-248.	3.0	23
249	The Giome project. Neurogastroenterology and Motility, 2006, 18, 401-402.	3.0	11
250	A mechanical perspective on intestinal tone and gas motion. Neurogastroenterology and Motility, 2006, 18, 873-875.	3.0	3
251	Pain and mechanical properties of the rectum in patients with active ulcerative colitis. Inflammatory Bowel Diseases, 2006, 12, 294-303.	1.9	52
252	Viscoelastic properties of isolated rat colon smooth muscle cells. Cell Biology International, 2006, 30, 854-858.	3.0	10

#	ARTICLE	IF	CITATIONS
253	Biomechanical properties of the layered oesophagus and its remodelling in experimental type-1 diabetes. <i>Journal of Biomechanics</i> , 2006, 39, 894-904.	2.1	42
254	In vitro strain measurement in the porcine antrum using ultrasound doppler strain rate imaging. <i>Ultrasound in Medicine and Biology</i> , 2006, 32, 513-522.	1.5	16
255	Ultrasound-Determined Geometric and Biomechanical Properties of the Human Duodenum. <i>Digestive Diseases and Sciences</i> , 2006, 51, 1662-1669.	2.3	29
256	Balloon-Distension Studies in the Gastrointestinal Tract: Current Role. <i>Digestive Diseases</i> , 2006, 24, 286-296.	1.9	14
257	Central sensitization in patients with non-cardiac chest pain: A clinical experimental study. <i>Scandinavian Journal of Gastroenterology</i> , 2006, 41, 640-649.	1.5	46
258	The geometric configuration and morphometry of the rabbit oesophagus during luminal pressure loading. <i>Physiological Measurement</i> , 2006, 27, 703-711.	2.1	10
259	Mechanosensory properties in the human gastric antrum evaluated using B-mode ultrasonography during volume-controlled antral distension. <i>American Journal of Physiology - Renal Physiology</i> , 2006, 290, G876-G882.	3.4	14
260	Multimodal pain stimulations in patients with grade B oesophagitis. <i>Gut</i> , 2006, 55, 926-932.	12.1	60
261	Multimodal pain stimulation of the gastrointestinal tract. <i>World Journal of Gastroenterology</i> , 2006, 12, 2477.	3.3	35
262	Experimental human pain models in gastro-esophageal reflux disease and unexplained chest pain. <i>World Journal of Gastroenterology</i> , 2006, 12, 2806.	3.3	17
263	Functional oesophago-gastric junction imaging. <i>World Journal of Gastroenterology</i> , 2006, 12, 2818.	3.3	29
264	Gastric accommodation assessed by ultrasonography. <i>World Journal of Gastroenterology</i> , 2006, 12, 2825.	3.3	45
265	Morphology and motor function of the gastrointestinal tract examined with endosonography. <i>World Journal of Gastroenterology</i> , 2006, 12, 2858.	3.3	20
266	New perspectives of studying gastrointestinal muscle function. <i>World Journal of Gastroenterology</i> , 2006, 12, 2864.	3.3	9
267	Ultrasonographic study of mechanosensory properties in human esophagus during mechanical distension. <i>World Journal of Gastroenterology</i> , 2006, 12, 4517.	3.3	3
268	Effect of Kaiyu Qingwei Jianji on the morphometry and residual strain distribution of small intestine in experimental diabetic rats. <i>World Journal of Gastroenterology</i> , 2006, 12, 7149.	3.3	9
269	The data quality of haematological malignancy ICD-10 diagnoses in a population-based Hospital Discharge Registry. <i>European Journal of Cancer Prevention</i> , 2005, 14, 201-206.	1.3	58
270	Electrical Stimulation to Induce Propulsive Contractions in the Porcine Descending Colon. <i>Artificial Organs</i> , 2005, 29, 246-249.	1.9	11



#	ARTICLE	IF	CITATIONS
271	Tension and stress in the rat and rabbit stomach are location- and direction-dependent. <i>Neurogastroenterology and Motility</i> , 2005, 17, 388-398.	3.0	40
272	Propulsive activity induced by sequential electrical stimulation in the descending colon of the pig. <i>Neurogastroenterology and Motility</i> , 2005, 17, 376-387.	3.0	30
273	Three-dimensional biomechanical properties of the human rectum evaluated with magnetic resonance imaging. <i>Neurogastroenterology and Motility</i> , 2005, 17, 531-540.	3.0	41
274	New analysis for the study of the muscle function in the human oesophagus. <i>Neurogastroenterology and Motility</i> , 2005, 17, 767-772.	3.0	11
275	Small intestinal morphometric and biomechanical changes during physiological growth in rats. <i>Journal of Biomechanics</i> , 2005, 38, 417-426.	2.1	27
276	The Effect of Digestion of Collagen and Elastin on Histomorphometry and the Zero-Stress State in Rat Esophagus. <i>Digestive Diseases and Sciences</i> , 2005, 50, 1497-1505.	2.3	19
277	Gender Differences in Pain and Biomechanical Responses After Acid Sensitization of the Human Esophagus. <i>Digestive Diseases and Sciences</i> , 2005, 50, 2050-2058.	2.3	26
278	Time-dependent viscoelastic properties along rat small intestine. <i>World Journal of Gastroenterology</i> , 2005, 11, 4974.	3.3	10
279	Impedance Planimetry: Application for Studies of Rectal Function. , 2005, , 72-104.		2
280	Novel method for measurement of medium size arterial lumen area with an impedance catheter: in vivo validation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005, 288, H2014-H2020.	3.2	26
281	Mechanically restricted regional blood flow might explain gastrointestinal pain. <i>Nature Reviews Gastroenterology &amp; Hepatology</i> , 2005, 2, 378-379.	1.7	5
282	Regional surface geometry of the rat stomach based on three-dimensional curvature analysis. <i>Physics in Medicine and Biology</i> , 2005, 50, 231-246.	3.0	21
283	An experimental study of viscerovisceral hyperalgesia using an ultrasound-based multimodal sensory testing approach. <i>Pain</i> , 2005, 119, 191-200.	4.2	46
284	Tension receptors: Theoretical construct or fact?. <i>Gastroenterology</i> , 2005, 128, 803-804.	1.3	9
285	Statistical Modeling of the Response Characteristics of Mechanosensitive Stimuli in the Human Esophagus. <i>Journal of Pain</i> , 2005, 6, 455-462.	1.4	12
286	A new technique for evaluating sphincter function in visceral organs: application of the functional lumen imaging probe (FLIP) for the evaluation of the oesophago-gastric junction. <i>Physiological Measurement</i> , 2005, 26, 823-836.	2.1	81
287	SIMULTANEOUS RECORDINGS OF GASTRIC MOTILITY BY ULTRASOUND, SCINTIGRAPHY AND MANOMETRY. <i>Advanced Series in Biomechanics</i> , 2005, , 189-209.	0.1	1
288	Sensory-motor responses to mechanical stimulation of the esophagus after sensitization with acid. <i>World Journal of Gastroenterology</i> , 2005, 11, 4367.	3.3	40

#	ARTICLE	IF	CITATIONS
289	THE USE OF ULTRASOUND IN BIOMECHANICS. Advanced Series in Biomechanics, 2005, , 23-74.	0.1	1
290	ULTRASONOGRAPHIC ASSESSMENT OF ESOPHAGEAL MORPHOLOGY AND FUNCTION. Advanced Series in Biomechanics, 2005, , 141-166.	0.1	0
291	APPLICATIONS OF ACOUSTIC MICROSCOPY IN GASTROENTEROLOGY. Advanced Series in Biomechanics, 2005, , 379-395.	0.1	0
292	Torque properties of a rat oesophagus for physiological and diabetic conditions. Physiological Measurement, 2004, 25, 1211-1221.	2.1	2
293	Tissue remodeling of rat pulmonary arteries in recovery from hypoxic hypertension. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 11488-11493.	7.1	9
294	Indicial response functions of growth and remodeling of common bile duct postobstruction. American Journal of Physiology - Renal Physiology, 2004, 286, G420-G427.	3.4	14
295	Biomechanical properties of the rat oesophagus in experimental type-1 diabetes. Neurogastroenterology and Motility, 2004, 16, 195-203.	3.0	40
296	Function and dyspepsia: a start of a new friendship. Neurogastroenterology and Motility, 2004, 16, 271-273.	3.0	3
297	Analysis of surface geometry of the human stomach using real-time 3D ultrasonography <i>in vivo</i> . Neurogastroenterology and Motility, 2004, 16, 315-324.	3.0	63
298	Physiological growth is associated with esophageal morphometric and biomechanical changes in rats. Neurogastroenterology and Motility, 2004, 16, 403-412.	3.0	12
299	A new measurement of oesophago-gastric junction competence. Neurogastroenterology and Motility, 2004, 16, 543-546.	3.0	54
300	Tension and Stress Calculations in a 3-D Fourier Model of Gall Bladder Geometry Obtained from MR Images. Annals of Biomedical Engineering, 2004, 32, 744-755.	2.5	11
301	Differences Between Male and Female Responses to Painful Thermal and Mechanical Stimulation of the Human Esophagus. Digestive Diseases and Sciences, 2004, 49, 1065-1074.	2.3	24
302	Measurement of Coronary Lumen Area Using an Impedance Catheter: Finite Element Model and in Vitro Validation. Annals of Biomedical Engineering, 2004, 32, 1642-1653.	2.5	22
303	Two-layered quasi-3D finite element model of the oesophagus. Medical Engineering and Physics, 2004, 26, 535-543.	1.7	36
304	New probe for the measurement of dynamic changes in the rectum. Neurogastroenterology and Motility, 2004, 16, 99-105.	3.0	31
305	Quantitative analysis of collagen fiber angle in the submucosa of small intestine. Computers in Biology and Medicine, 2004, 34, 539-550.	7.0	19
306	Biomechanical properties of the anterior urethra of the male rabbit A study using impedance planimetry. Scandinavian Journal of Urology and Nephrology, 2004, 38, 99-111.	1.4	3

#	ARTICLE	IF	CITATIONS
307	Cold and heat pain assessment of the human oesophagus after experimental sensitisation with acid. Pain, 2004, 110, 393-393.	4.2	0
308	Shear Modulus of Elasticity of the Esophagus. Annals of Biomedical Engineering, 2004, 32, 1223-1230.	2.5	41
309	Mechanical properties of the porcine bile duct wall. BioMedical Engineering OnLine, 2004, 3, 23.	2.7	23
310	A two-layered mechanical model of the rat esophagus. Experiment and theory. BioMedical Engineering OnLine, 2004, 3, 40.	2.7	36
311	Cold and heat pain assessment of the human oesophagus after experimental sensitisation with acid. Pain, 2004, 110, 393-399.	4.2	41
312	Morphologic and biomechanical changes of rat oesophagus in experimental diabetes. World Journal of Gastroenterology, 2004, 10, 2519.	3.3	6
313	Determination of membrane tension during balloon distension of intestine. Mcb Mechanics and Chemistry of Biosystems, 2004, 1, 191-9.	0.3	5
314	Pain intensity and biomechanical responses during ramp-controlled distension of the human rectum. Digestive Diseases and Sciences, 2003, 48, 1310-1316.	2.3	55
315	Viscoelastic Behavior of Small Intestine in Streptozotocin-Induced Diabetic Rats. Digestive Diseases and Sciences, 2003, 48, 2271-2277.	2.3	24
316	Biomechanical Properties of Esophagus during Systemic Treatment with Epidermal Growth Factor in Rats. Annals of Biomedical Engineering, 2003, 31, 700-709.	2.5	15
317	Morphological properties of zero-stress state in rat large intestine during systemic EGF treatment. Digestive Diseases and Sciences, 2003, 48, 442-448.	2.3	8
318	The effect of the somatostatin analogue lanreotide on the prevention of urethral strictures in a rabbit model. Urological Research, 2003, 31, 25-31.	1.5	13
319	Biomechanical and morphometric intestinal remodelling during experimental diabetes in rats. Diabetologia, 2003, 46, 1688-1697.	6.3	79
320	In vitro evaluation of ultrasound Doppler strain rate imaging: modification for measurement in a slowly moving tissue phantom. Ultrasound in Medicine and Biology, 2003, 29, 1725-1734.	1.5	38
321	Multi-modal induction and assessment of allodynia and hyperalgesia in the human oesophagus. European Journal of Pain, 2003, 7, 539-549.	2.8	97
322	The effect of epidermal growth factor on the incremental Young's moduli in the rat small intestine. Medical Engineering and Physics, 2003, 25, 413-418.	1.7	8
323	Stress distribution in the layered wall of the rat oesophagus. Medical Engineering and Physics, 2003, 25, 731-738.	1.7	56
324	Impaired human coronary artery distensibility by atherosclerotic lesions: a mechanical and histological investigation. International Journal of Experimental Pathology, 2003, 78, 421-428.	1.3	11

#	ARTICLE	IF	CITATIONS
325	Abnormal perception of visceral symptoms in response to antral isovolumetric balloon distension in functional dyspepsia. <i>Gastroenterology</i> , 2003, 124, A254.	1.3	0
326	In vitro accuracy and non-invasive strain measurements of the antral muscle layer using a novel doppler ultrasound strain rate imaging method. <i>Gastroenterology</i> , 2003, 124, A673.	1.3	0
327	Pain and biomechanical responses to distention of the duodenum in patients with systemic sclerosis. <i>Gastroenterology</i> , 2003, 124, 1230-1239.	1.3	47
328	Experimental pain in gastroenterology: a reappraisal of human studies. <i>Scandinavian Journal of Gastroenterology</i> , 2003, 38, 1115-1130.	1.5	157
329	Gut pain and hyperalgesia induced by capsaicin: a human experimental model. <i>Pain</i> , 2003, 104, 333-341.	4.2	98
330	Morphometric and biomechanical remodelling following reopening of the obstructed bile duct. <i>Physiological Measurement</i> , 2003, 24, N23-N34.	2.1	1
331	Shear modulus of porcine coronary artery: contributions of media and adventitia. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2003, 285, H1966-H1975.	3.2	85
332	Controlled Mechanical Distension of the Human Oesophagus: Sensory and Biomechanical Findings. <i>Scandinavian Journal of Gastroenterology</i> , 2003, 38, 27-35.	1.5	73
333	Morphology and Stress-Strain Properties Along the Small Intestine in the Rat. <i>Journal of Biomechanical Engineering</i> , 2003, 125, 266-273.	1.3	36
334	Sensory and biomechanical responses to ramp-controlled distension of the human duodenum. <i>American Journal of Physiology - Renal Physiology</i> , 2003, 284, G461-G471.	3.4	49
335	Biomechanics of the Gastrointestinal Tract. , 2003, , .		93
336	The Concept of Biomechanics. , 2003, , 1-10.		2
337	Basic Mechanical Theory. , 2003, , 45-71.		2
338	Biomechanical Methods and Analysis. , 2003, , 73-135.		3
339	Gastrointestinal Smooth Muscle Mechanical Behaviour and Neural Circuits. , 2003, , 137-196.		1
340	Mechanical Properties in Normal Gastrointestinal Tissue. , 2003, , 219-236.		2
341	Biomechanical properties of ileum after systemic treatment with epithelial growth factor. <i>World Journal of Gastroenterology</i> , 2003, 9, 2278.	3.3	9
342	Collagen fiber angle in the submucosa of small intestine and its application in gastroenterology. <i>World Journal of Gastroenterology</i> , 2003, 9, 804.	3.3	20

#	ARTICLE	IF	CITATIONS
343	Growth and Remodelling in the Gastrointestinal Tract. , 2003, , 237-259.		0
344	Geometry, Structure and Motor Function of the Gastrointestinal Tract. , 2003, , 11-43.		1
345	The Zero-stress State of the Gastrointestinal Tract. The Concept of Residual Stress and Strain. , 2003, , 197-217.		0
346	Controlled mechanical distension of the human oesophagus: sensory and biomechanical findings. Scandinavian Journal of Gastroenterology, 2003, 38, 27-35.	1.5	26
347	Does esophageal function vary at the striated and smooth muscle segments in functional chest pain?. American Journal of Gastroenterology, 2002, 97, 2201-2207.	0.4	12
348	Remodelling of the left anterior descending artery in a porcine model of supraaortic stenosis. Journal of Hypertension, 2002, 20, 2429-2437.	0.5	44
349	Regional arterial stress-strain distributions referenced to the zero-stress state in the rat. American Journal of Physiology - Heart and Circulatory Physiology, 2002, 282, H622-H629.	3.2	29
350	Remodelling of zero-stress state of small intestine in streptozotocin-induced diabetic rats. Effect of gliclazide. Digestive and Liver Disease, 2002, 34, 707-716.	0.9	19
351	Controlled dilatation of the uterine cervix "an experimental visceral pain model. Pain, 2002, 99, 433-442.	4.2	19
352	Multimodal assessment of pain in the esophagus: a new experimental model. American Journal of Physiology - Renal Physiology, 2002, 283, G95-G103.	3.4	123
353	Identification of the biomechanical factors associated with the perception of distension in the human esophagus. American Journal of Physiology - Renal Physiology, 2002, 282, G683-G689.	3.4	64
354	Rectal Wall Properties in Patients With Acute and Chronic Spinal Cord Lesions. Diseases of the Colon and Rectum, 2002, 45, 641-649.	1.3	71
355	Dynamic model of the role of platelets in the blood coagulation system. Medical Engineering and Physics, 2002, 24, 587-593.	1.7	27
356	Morphometric and biomechanical remodelling in the intestine after small bowel resection in the rat. Neurogastroenterology and Motility, 2002, 14, 43-53.	3.0	23
357	Structural and mechanical remodelling of the common bile duct after obstruction. Neurogastroenterology and Motility, 2002, 14, 111-122.	3.0	26
358	Sensory-motor responses to volume-controlled duodenal distension. Neurogastroenterology and Motility, 2002, 14, 365-374.	3.0	26
359	Strain during gastric contractions can be measured using Doppler ultrasonography. Ultrasound in Medicine and Biology, 2002, 28, 1457-1465.	1.5	43
360	Morphometric and biomechanical intestinal remodeling induced by fasting in rats. Digestive Diseases and Sciences, 2002, 47, 1158-1168.	2.3	46

#	ARTICLE	IF	CITATIONS
361	Early and late effects of irradiation on morphometry and residual strain of mouse rectum. <i>Digestive Diseases and Sciences</i> , 2002, 47, 1472-1479.	2.3	8
362	Mechanical properties in the human gastric antrum using B-mode ultrasonography and antral distension. <i>American Journal of Physiology - Renal Physiology</i> , 2002, 283, G368-G375.	3.4	37
363	Morphological properties and residual strain along the small intestine in rats. <i>World Journal of Gastroenterology</i> , 2002, 8, 312.	3.3	25
364	The morphometry and biomechanical properties of the rat small intestine after systemic treatment with epidermal growth factor. <i>Biorheology</i> , 2002, 39, 719-33.	0.4	9
365	Biomechanical and sensory properties of the rectum in fecal incontinence. <i>Gastroenterology</i> , 2001, 120, A397.	1.3	0
366	Remodeling of the zero-stress state of femoral arteries in response to flow overload. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2001, 280, H1547-H1559.	3.2	50
367	Comparison of methods used for measurement of rectal compliance. <i>Diseases of the Colon and Rectum</i> , 2001, 44, 199-206.	1.3	55
368	Mortality and causes of death in patients with monoclonal gammopathy of undetermined significance. <i>British Journal of Haematology</i> , 2001, 112, 353-357.	2.5	53
369	Oesophageal pressure-cross-sectional area distributions and secondary peristalsis in relation to subclassification of systemic sclerosis. <i>Neurogastroenterology and Motility</i> , 2001, 13, 199-210.	3.0	38
370	Oesophageal morphometry and residual strain in a mouse model of osteogenesis imperfecta. <i>Neurogastroenterology and Motility</i> , 2001, 13, 457-464.	3.0	12
371	Propagation speed of sound assessment in the layers of the guinea-pig esophagus in vitro by means of acoustic microscopy. <i>Ultrasonics</i> , 2001, 39, 263-268.	3.9	15
372	Effect of re-feeding after starvation on biomechanical properties in rat small intestine. <i>Medical Engineering and Physics</i> , 2001, 23, 557-566.	1.7	30
373	Axial Stretch Modifies Contractility of Porcine Coronary Arteries by a Protein Kinase C-Dependent Mechanism. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2001, 88, 89-97.	0.0	4
374	Tension-strain relations and morphometry of rat small intestine in experimental diabetes. <i>Digestive Diseases and Sciences</i> , 2001, 46, 960-967.	2.3	27
375	Small Intestine Wall Distribution of Elastic Stiffness Measured With 500 MHz Scanning Acoustic Microscopy. <i>Annals of Biomedical Engineering</i> , 2001, 29, 1059-1063.	2.5	16
376	Regional distribution of axial strain and circumferential residual strain in the layered rabbit oesophagus. <i>Journal of Biomechanics</i> , 2001, 34, 225-233.	2.1	63
377	Sensory and Biomechanical Responses to Distension of the Normal Human Rectum and Sigmoid Colon. <i>Digestion</i> , 2001, 64, 191-199.	2.3	34
378	Biomechanical Properties of Porcine Cerebral Bridging Veins with Reference to the Zero-Stress State. <i>Journal of Vascular Research</i> , 2001, 38, 83-90.	1.4	29

#	ARTICLE	IF	CITATIONS
379	Neutron-induced apoptosis of HR8348 cells in vitro. <i>World Journal of Gastroenterology</i> , 2001, 7, 435.	3.3	4
380	Axial Stretch Modifies Contractility of Porcine Coronary Arteries by a Protein Kinase C-Dependent Mechanism. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2001, 88, 89-97.	0.0	0
381	The impact of M-component type and immunoglobulin concentration on the risk of malignant transformation in patients with monoclonal gammopathy of undetermined significance. <i>Haematologica</i> , 2001, 86, 1172-9.	3.5	42
382	Multiple myeloma following an episode of community-acquired pneumococcal bacteraemia or meningitis. <i>Apmis</i> , 2001, 109, 797-800.	2.0	21
383	Cancer risk in patients with monoclonal gammopathy of undetermined significance. , 2000, 63, 1-6.		35
384	Biomechanical and morphological properties in rat large intestine. <i>Journal of Biomechanics</i> , 2000, 33, 1089-1097.	2.1	60
385	Residual strain in the gastrointestinal tract: a new concept. <i>Neurogastroenterology and Motility</i> , 2000, 12, 411-414.	3.0	11
386	Gastrointestinal tone. <i>Neurogastroenterology and Motility</i> , 2000, 12, 501-508.	3.0	50
387	Vascular reactivity to nifedipine and Ca <sup>2+</sup> in vitro: the role of preactivation, wall tension and geometry. <i>European Journal of Pharmacology</i> , 2000, 387, 303-312.	3.5	5
388	Determination of biomechanical properties in guinea pig esophagus by means of high frequency ultrasound and impedance planimetry. <i>Digestive Diseases and Sciences</i> , 2000, 45, 1260-1266.	2.3	24
389	Histomorphometry and strain distribution in pig duodenum with reference to zero-stress state. <i>Digestive Diseases and Sciences</i> , 2000, 45, 1500-1508.	2.3	24
390	The zero-stress state of the gastrointestinal tract: biomechanical and functional implications. <i>Digestive Diseases and Sciences</i> , 2000, 45, 2271-2281.	2.3	70
391	Development of a tensostat for gastric perception studies. <i>Gastroenterology</i> , 2000, 118, 641-642.	1.3	16
392	Biomechanical and morphological properties in rat large intestine. <i>Gastroenterology</i> , 2000, 118, A1172.	1.3	0
393	Biomechanical and morphometric properties of the arterial wall referenced to the zero-stress state in experimental diabetes. <i>Biorheology</i> , 2000, 37, 385-400.	0.4	22
394	Temporal entity-relationship models-a survey. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 1999, 11, 464-497.	5.7	121
395	Morphometry and Residual Strain in Porcine Ureter. <i>Scandinavian Journal of Urology and Nephrology</i> , 1999, 33, 10-16.	1.4	21
396	Development of a computer-controlled tensiometer for real-time measurements of tension in tubular organs. <i>Neurogastroenterology and Motility</i> , 1999, 11, 109-118.	3.0	32

#	ARTICLE	IF	CITATIONS
397	Strain Distribution in the Layered Wall of the Esophagus. <i>Journal of Biomechanical Engineering</i> , 1999, 121, 442-448.	1.3	69
398	Luminal cross-sectional area and wall distensibility in the isolated porcine oesophagus. <i>International Journal of Surgical Investigation</i> , 1999, 1, 23-8.	0.0	2
399	Endoscopic sclerotherapy in porcine esophagus changes luminal cross-sectional area and wall distensibility dose- and time-dependently. <i>Digestive Diseases and Sciences</i> , 1998, 43, 521-528.	2.3	6
400	Mechanical properties and collagen content differ between isolated guinea pig duodenum, jejunum, and distal ileum. <i>Digestive Diseases and Sciences</i> , 1998, 43, 2034-2041.	2.3	26
401	Standardization of barostat procedures. <i>Digestive Diseases and Sciences</i> , 1998, 43, 1416-1420.	2.3	16
402	History-Dependent Mechanical Behavior of Guinea-Pig Small Intestine. <i>Annals of Biomedical Engineering</i> , 1998, 26, 850-858.	2.5	57
403	A NEW METHOD FOR COMBINED ISOMETRIC AND ISOBARIC PHARMACODYNAMIC STUDIES ON PORCINE CORONARY ARTERIES. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1998, 25, 919-927.	1.9	10
404	Luminal cross-sectional area and tension-strain relation of the porcine bile duct. <i>Neurogastroenterology and Motility</i> , 1998, 10, 203-209.	3.0	6
405	Are sensory and motor responses to oesophageal distension of the proximal and distal segments influenced by body dimensions?. <i>Gastroenterology</i> , 1998, 114, A717.	1.3	1
406	Relation between zero-stress state and branching order of porcine left coronary arterial tree. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1998, 275, H2283-H2290.	3.2	15
407	The risk of bacteremia in patients with monoclonal gammopathy of undetermined significance. <i>European Journal of Haematology</i> , 1998, 61, 140-144.	2.2	32
408	Morphometry and strain distribution in guinea pig duodenum with reference to the zero-stress state. <i>American Journal of Physiology - Renal Physiology</i> , 1997, 273, G865-G874.	3.4	27
409	Static elastic wall properties of the abdominal porcine aorta in vitro and in vivo. <i>European Journal of Vascular and Endovascular Surgery</i> , 1997, 13, 31-36.	1.5	13
410	Impedance planimetric characterization of esophagus in systemic sclerosis patients with severe involvement of esophagus. <i>Digestive Diseases and Sciences</i> , 1997, 42, 2317-2326.	2.3	33
411	Dimensions and mechanical properties of porcine aortic segments determined by combined impedance planimetry and high-frequency ultrasound. <i>Medical and Biological Engineering and Computing</i> , 1997, 35, 21-26.	2.8	10
412	Unexplained Noncardiac Chest Pain. <i>Annals of Internal Medicine</i> , 1997, 126, 663.	3.9	0
413	Biomechanics of the gastrointestinal tract. <i>Neurogastroenterology and Motility</i> , 1996, 8, 277-297.	3.0	297
414	Systemic treatment with epidermal growth factor in the rat. Biomechanical properties of the growing small intestine. <i>Regulatory Peptides</i> , 1996, 61, 135-142.	1.9	16



#	ARTICLE	IF	CITATIONS
415	Pressure-Cross-Sectional Area Relations and Elasticity in the Rabbit Oesophagus in vivo. <i>Digestion</i> , 1996, 57, 174-179.	2.3	9
416	Unexplained Chest Pain: The Hypersensitive, Hyperreactive, and Poorly Compliant Esophagus. <i>Annals of Internal Medicine</i> , 1996, 124, 950.	3.9	177
417	Discrimination between artefacts and contractions in pressure signals from the gastrointestinal tract by pattern recognition method. <i>Medical and Biological Engineering and Computing</i> , 1996, 34, 127-132.	2.8	14
418	Porcine coronary artery pharmacodynamics in vitro evaluated by a new intravascular technique: Relation to axial stretch. <i>Journal of Pharmacological and Toxicological Methods</i> , 1996, 36, 13-19.	0.7	13
419	Characterizing biological tissue using scanning laser acoustic microscopy. <i>IEEE Engineering in Medicine and Biology Magazine</i> , 1996, 15, 42-45.	0.8	2
420	Elastic properties in the circumferential direction in isolated rat small intestine. <i>Acta Physiologica Scandinavica</i> , 1996, 157, 157-163.	2.2	17
421	Impedance planimetric characterization of the distal oesophagus in the goettingen minipig. <i>Journal of Biomechanics</i> , 1996, 29, 63-68.	2.1	22
422	Regional Differences Exist in Elastic Wall Properties in the Ureter. <i>Scandinavian Journal of Urology and Nephrology</i> , 1996, 30, 343-348.	1.4	8
423	In Vivo Assessment of Luminal Cross-Sectional Areas and Circumferential Tension-Strain Relations of the Porcine Aorta. <i>Scandinavian Journal of Thoracic and Cardiovascular Surgery</i> , 1996, 30, 11-19.	0.2	6
424	A new combined high-frequency ultrasound-impedance planimetry measuring system for the quantification of organ wall biomechanics in vivo. <i>Journal of Biomechanics</i> , 1995, 28, 863-867.	2.1	28
425	Mechanics of porcine coronary arteries ex vivo employing impedance planimetry: A new intravascular technique. <i>Annals of Biomedical Engineering</i> , 1995, 24, 148-155.	2.5	13
426	Passive elastic wall properties in isolated guinea pig small intestine. <i>Digestive Diseases and Sciences</i> , 1995, 40, 976-982.	2.3	26
427	Epidermal Growth Factor Attenuates the Sclerotherapy-Induced Biomechanical Properties of the Oesophagus: An Experimental Study in Minipigs. <i>Scandinavian Journal of Gastroenterology</i> , 1995, 30, 614-619.	1.5	17
428	Perception of oesophageal distension in man is dependant upon wall testion. <i>Gastroenterology</i> , 1995, 108, A567.	1.3	0
429	Biomechanical wall properties of the porcine common bile duct and ductus hepaticus. <i>Gastroenterology</i> , 1995, 108, A414.	1.3	0
430	Impedance planimetric characterization of the esophagus in patients with severe systemic sclerosis. <i>Gastroenterology</i> , 1995, 108, A705.	1.3	1
431	Biomechanical Properties of the Oesophagus Damaged by Endoscopic Sclerotherapy: An Impedance Planimetric Study in Minipigs. <i>Scandinavian Journal of Gastroenterology</i> , 1994, 29, 867-873.	1.5	16
432	Elastic wall properties and collagen content in the ureter: An experimental study in pigs. <i>Neurourology and Urodynamics</i> , 1994, 13, 597-606.	1.5	23

#	ARTICLE	IF	CITATIONS
433	The effects of dihydralazine, labetalol and magnesium sulphate on the isolated, perfused human placental cotyledon. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 1994, 101, 871-878.	2.3	20
434	Differences exist in passive elastic wall properties between segments of isolated guinea pig distal ileum and duodenum <i>in vitro</i> . <i>Neurogastroenterology and Motility</i> , 1994, 6, 21-27.	3.0	9
435	Regional differences in passive elastic wall properties of the oesophagus: an impedance planimetric study in pigs. <i>Neurogastroenterology and Motility</i> , 1994, 6, 233-238.	3.0	12
436	Biomechanical characteristics of the human esophagus. <i>Digestive Diseases and Sciences</i> , 1993, 38, 197-205.	2.3	67
437	Biomechanical wall properties of the human rectum. A study with impedance planimetry.. <i>Gut</i> , 1993, 34, 1581-1586.	12.1	59
438	Calcitonin Gene-Related Peptide: Effect on Contractile Activity and Luminal Cross-Sectional Area in the Isolated, Perfused Porcine Ileum. <i>Scandinavian Journal of Gastroenterology</i> , 1992, 27, 787-792.	1.5	7
439	Biomechanical wall properties and collagen content in the partially obstructed opossum esophagus. <i>Gastroenterology</i> , 1992, 103, 1547-1551.	1.3	57
440	Effects of noradrenaline and galanin on duodenal motility in the isolated perfused porcine pancreatico-duodenal block. <i>Regulatory Peptides</i> , 1992, 39, 157-167.	1.9	5
441	Characteristics of spontaneous and evoked motility in the isolated perfused porcine duodenum. <i>Journal of Applied Physiology</i> , 1992, 73, 9-19.	2.5	21
442	Biomechanical properties of duodenal wall and duodenal tone during phase I and phase II of the MMC. <i>American Journal of Physiology - Renal Physiology</i> , 1992, 263, G795-G801.	3.4	32
443	Biomechanical wall properties in the isolated perfused porcine duodenum: an experimental study using impedance planimetry. <i>Neurogastroenterology and Motility</i> , 1992, 4, 125-135.	3.0	25
444	The role of the L-arginine-nitric oxide pathway in relaxation of the opossum lower oesophageal sphincter. <i>British Journal of Pharmacology</i> , 1991, 104, 113-116.	5.4	73
445	An $\beta_1$ -adrenoceptor-sensitive mechanism is responsible for the adrenergic inhibition of insulin secretion in the pig pancreas. <i>European Journal of Pharmacology</i> , 1991, 200, 365-367.	3.5	4
446	Versatile Software System for Analysis of Gastrointestinal Pressure Recordings. <i>Digestive Diseases</i> , 1991, 9, 382-388.	1.9	8
447	Experimental Gastrointestinal Motility: Where to Go. <i>Digestive Diseases</i> , 1991, 9, 321-324.	1.9	1
448	Biomechanical Wall Properties of the Porcine Rectum: A Study Using Impedance Planimetry. <i>Digestive Diseases</i> , 1991, 9, 347-353.	1.9	16
449	Effect of Vasoactive Intestinal Peptide on Duodenal Motility in the Isolated Perfused Porcine Pancreaticoduodenal Block. <i>Digestive Diseases</i> , 1991, 9, 389-395.	1.9	2
450	Elastic Properties of the Isolated Perfused Porcine Duodenum. <i>Digestive Diseases</i> , 1991, 9, 401-407.	1.9	10

#	ARTICLE	IF	CITATIONS
451	Measurement of Anal Cross-Sectional Area and Pressure during Anal Distension in Healthy Volunteers. <i>Digestion</i> , 1991, 48, 61-69.	2.3	10
452	Impedance Planimetry: A New Approach to Biomechanical Intestinal Wall Properties. <i>Digestive Diseases</i> , 1991, 9, 332-340.	1.9	71
453	Radial Analysis of Duodenal Motility Recordings in Humans. <i>Scandinavian Journal of Gastroenterology</i> , 1991, 26, 843-851.	1.5	10
454	Impedance measuring system for quantification of cross-sectional area in the gastrointestinal tract. <i>Medical and Biological Engineering and Computing</i> , 1991, 29, 108-110.	2.8	92
455	A time-dependent study of passive esophageal wall properties and collagen content in rabbits with esophageal varices. <i>Digestive Diseases and Sciences</i> , 1991, 36, 1050-1056.	2.3	18
456	Involvement of thin afferents in carpal tunnel syndrome: Evaluated quantitatively by argon laser stimulation. <i>Muscle and Nerve</i> , 1991, 14, 508-514.	2.2	41
457	Overnight vesical and rectal motility in children with vesico-ureteral reflux. <i>Neurourology and Urodynamics</i> , 1991, 10, 231-239.	1.5	0
458	Rhythmic pressure variations in urethra and anal canal: Investigations in healthy fertile female volunteers. <i>Neurourology and Urodynamics</i> , 1991, 10, 493-501.	1.5	5
459	Diurnal variation of plasma atrial natriuretic peptide in normals and patients with enuresis nocturna. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 1991, 51, 209-217.	1.2	18
460	Variations in duodenal cross-sectional area during the interdigestive migrating motility complex. <i>American Journal of Physiology - Renal Physiology</i> , 1990, 259, G26-G31.	3.4	17
461	Galanin: Distribution and Effect on Contractile Activity and Release of Vasoactive Intestinal Polypeptide from the Isolated Perfused Porcine Ileum. <i>Digestion</i> , 1990, 47, 191-199.	2.3	14
462	Spontaneous Anorectal Pressure Activity: Evidence of Internal Anal Sphincter Contractions in Response to Rectal Pressure Waves. <i>Scandinavian Journal of Gastroenterology</i> , 1989, 24, 115-120.	1.5	29
463	Computer analysis of manometric recordings. A study of overnight rectal activity in normal children. <i>Scandinavian Journal of Urology and Nephrology, Supplement</i> , 1989, 125, 53-8.	0.0	1
464	Changes in oesophageal wall biomechanics after portal vein banding and variceal sclerotherapy measured by a new technique. An experimental study in rabbits. <i>Gut</i> , 1988, 29, 1699-1704.	12.1	32
465	The Effects of Glucagon and Glucagon-(1-21)-peptide on Antroduodenal Motility in Healthy Volunteers. <i>Scandinavian Journal of Gastroenterology</i> , 1988, 23, 42-47.	1.5	5
466	The Relation between Antral Contractile Activity and the Duodenal Component of the Migrating Motility Complex. <i>Scandinavian Journal of Gastroenterology</i> , 1988, 23, 36-41.	1.5	11
467	The four-electrode impedance technique: a method for investigation of compliance in luminal organs. <i>Clinical Physics and Physiological Measurement: an Official Journal of the Hospital Physicists' Association, Deutsche Gesellschaft Fur Medizinische Physik and the European Federation of Organisations for Medical Physics</i> , 1988, 9, 61-64.	0.5	62