

Jan Bilski

List of Publications by Year in descending order

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Version: 2024-02-01

84
papers

2,215
citations

236612

25
h-index

233125

45
g-index

84
all docs

84
docs citations

84
times ranked

2158
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of exercise on gut peptides, energy intake and appetite. <i>Journal of Endocrinology</i> , 2007, 193, 251-258.	1.2	282
2	<i>Campylobacter pyloridis</i> degrades mucin and undermines gastric mucosal integrity. <i>Biochemical and Biophysical Research Communications</i> , 1987, 144, 307-314.	1.0	182
3	Mechanisms by which Stress Affects the Experimental and Clinical Inflammatory Bowel Disease (IBD): Role of Brain-Gut Axis. <i>Current Neuropharmacology</i> , 2016, 14, 892-900.	1.4	132
4	The Role of Intestinal Alkaline Phosphatase in Inflammatory Disorders of Gastrointestinal Tract. <i>Mediators of Inflammation</i> , 2017, 2017, 1-9.	1.4	116
5	Role of endogenous nitric oxide in the control of canine pancreatic secretion and blood flow. <i>Gastroenterology</i> , 1993, 104, 896-902.	0.6	89
6	Role of salivary epidermal growth factor in the maintenance of physicochemical characteristics of oral and gastric mucosal mucus coat. <i>Biochemical and Biophysical Research Communications</i> , 1988, 152, 1421-1427.	1.0	84
7	Effects of omeprazole, a substituted benzimidazole, on gastrointestinal secretions, serum gastrin, and gastric mucosal blood flow in dogs. <i>Gastroenterology</i> , 1984, 86, 71-77.	0.6	78
8	Can exercise affect the course of inflammatory bowel disease? Experimental and clinical evidence. <i>Pharmacological Reports</i> , 2016, 68, 827-836.	1.5	70
9	Role of Obesity, Mesenteric Adipose Tissue, and Adipokines in Inflammatory Bowel Diseases. <i>Biomolecules</i> , 2019, 9, 780.	1.8	70
10	The Role of Physical Exercise in Inflammatory Bowel Disease. <i>BioMed Research International</i> , 2014, 2014, 1-14.	0.9	65
11	Enhancement of the lipid content and physical properties of gastric mucus by geranylgeranylacetone. <i>Biochemical Pharmacology</i> , 1987, 36, 4059-4065.	2.0	61
12	New insight into the direct anti-inflammatory activity of a myokine irisin against proinflammatory activation of adipocytes. Implication for exercise in obesity. <i>Journal of Physiology and Pharmacology</i> , 2017, 68, 243-251.	1.1	60
13	Adrenergic pathway in the inhibition of pancreatic secretion by peptide YY in dogs. <i>Gastroenterology</i> , 1988, 94, 266-273.	0.6	54
14	Multifactorial Mechanism of Sarcopenia and Sarcopenic Obesity. Role of Physical Exercise, Microbiota and Myokines. <i>Cells</i> , 2022, 11, 160.	1.8	52
15	Protection against Alcohol-Induced Gastric Mucosal Injury by Geranylgeranylacetone: Effect of Indomethacin. <i>Digestion</i> , 1988, 41, 22-33.	1.2	40
16	Moderate Exercise Training Attenuates the Severity of Experimental Rodent Colitis: The Importance of Crosstalk between Adipose Tissue and Skeletal Muscles. <i>Mediators of Inflammation</i> , 2015, 2015, 1-12.	1.4	40
17	Beneficial Effect of Voluntary Exercise on Experimental Colitis in Mice Fed a High-Fat Diet: The Role of Irisin, Adiponectin and Proinflammatory Biomarkers. <i>Nutrients</i> , 2017, 9, 410.	1.7	38
18	De-Nol stimulates gastric and duodenal alkaline secretion through prostaglandin dependent mechanism.. <i>Gut</i> , 1987, 28, 1557-1563.	6.1	37

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19	The impact of physical activity and nutrition on inflammatory bowel disease: the potential role of cross talk between adipose tissue and skeletal muscle. <i>Journal of Physiology and Pharmacology</i> , 2013, 64, 143-55.	1.1	36
20	Myokine irisin-induced protection against oxidative stress in vitro. Involvement of heme oxygenase-1 and antioxidazing enzymes superoxide dismutase-2 and glutathione peroxidase. <i>Journal of Physiology and Pharmacology</i> , 2018, 69, 117-125.	1.1	33
21	Comparison of Somatostatin and Its Highly Potent Hexa- and Octapeptide Analogs on Exocrine and Endocrine Pancreatic Secretion. <i>Experimental Biology and Medicine</i> , 1988, 187, 241-249.	1.1	32
22	Role of endogenous nitric oxide in the control of gastric acid secretion, blood flow and gastrin release in conscious dogs. <i>Regulatory Peptides</i> , 1994, 53, 175-184.	1.9	27
23	Gut hormones in stimulation of gastroduodenal alkaline secretion in conscious dogs. <i>American Journal of Physiology - Renal Physiology</i> , 1985, 248, G687-G691.	1.6	26
24	Gastrointestinal secretory, motor and circulatory effects of corticotropin releasing factor (CRF). <i>Life Sciences</i> , 1985, 37, 1231-1240.	2.0	26
25	Colloidal bismuth subcitrate (De-Nol) inhibits degradation of gastric mucus by <i>Campylobacter pylori</i> protease. <i>American Journal of Gastroenterology</i> , 1989, 84, 506-10.	0.2	26
26	Effects of Cyclic Hexapeptide Analog of Somatostatin on Pancreatic Secretion in Dogs. <i>Experimental Biology and Medicine</i> , 1985, 178, 68-72.	1.1	25
27	Role of Endogenous Prostaglandins in Duodenal Alkaline Response to Luminal Hydrochloric Acid or Arachidonic Acid in Conscious Dogs. <i>Digestion</i> , 1986, 34, 268-274.	1.2	24
28	Prostaglandins and alkaline secretion from oxyntic, antral, and duodenal mucosa of the dog. <i>American Journal of Physiology - Renal Physiology</i> , 1983, 245, G539-G546.	1.6	22
29	Physiological role and localization of cholecystokinin release in dogs. <i>American Journal of Physiology - Renal Physiology</i> , 1986, 250, G391-G397.	1.6	20
30	Role of cholecystokinin in the inhibition of gastric acid secretion in dogs.. <i>Journal of Physiology</i> , 1992, 451, 477-489.	1.3	20
31	Role of nitric oxide in gastroduodenal alkaline secretion. <i>Journal of Physiology and Pharmacology</i> , 1994, 45, 541-53.	1.1	19
32	Exploiting Significance of Physical Exercise in Prevention of Gastrointestinal Disorders. <i>Current Pharmaceutical Design</i> , 2018, 24, 1916-1925.	0.9	18
33	Effect of Forced Physical Activity on the Severity of Experimental Colitis in Normal Weight and Obese Mice. Involvement of Oxidative Stress and Proinflammatory Biomarkers. <i>Nutrients</i> , 2019, 11, 1127.	1.7	18
34	Gastroduodenal alkaline response to acid and taurocholate in conscious dogs. <i>American Journal of Physiology - Renal Physiology</i> , 1984, 247, G149-G154.	1.6	16
35	Role of cholecystokinin in the intestinal fat- and acid-induced inhibition of gastric secretion. <i>Regulatory Peptides</i> , 1992, 42, 97-109.	1.9	16
36	Effects of Leukotrienes on Gastric Acid and Alkaline Secretions. <i>Gastroenterology</i> , 1987, 92, 1209-1214.	0.6	15

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37	PNF and manual therapy treatment results of patients with cervical spine osteoarthritis. <i>Journal of Back and Musculoskeletal Rehabilitation</i> , 2018, 30, 1095-1101.	0.4	15
38	Effects of exercise of different intensity on gut peptides, energy intake and appetite in young males. <i>Annals of Agricultural and Environmental Medicine</i> , 2013, 20, 787-93.	0.5	14
39	Relationships between duodenal motility and pancreatic secretion in fasted and fed dogs. <i>American Journal of Physiology - Renal Physiology</i> , 1986, 250, G570-G574.	1.6	12
40	Role of secretin and CCK in the stimulation of pancreatic secretion in conscious dogs. Effects of atropine and somatostatin. <i>International Journal of Gastrointestinal Cancer</i> , 1987, 2, 223-235.	0.4	12
41	Effects of peptide YY on dog and rat pancreatic secretion in vivo and in vitro. <i>International Journal of Gastrointestinal Cancer</i> , 1988, 3, 309-321.	0.4	12
42	The involvement of endogenous nitric oxide in vagal-cholinergic stimulation of exocrine and endocrine pancreas in dogs. <i>International Journal of Gastrointestinal Cancer</i> , 1995, 18, 41-49.	0.4	12
43	The influence of winter swimming on the rheological properties of blood. <i>Clinical Hemorheology and Microcirculation</i> , 2014, 57, 119-127.	0.9	12
44	Sulfation in vitro of mucus glycoprotein by submandibular salivary gland: effects of prostaglandin and acetylsalicylic acid. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1988, 966, 287-296.	1.1	11
45	Enhancement in gastric mucus gel qualities with colloidal bismuth subcitrate administration. <i>European Journal of Pharmacology</i> , 1990, 184, 55-63.	1.7	11
46	Effects of time of day and the wingate test on appetite perceptions, food intake and plasma levels of adipokines. <i>Journal of Physiology and Pharmacology</i> , 2016, 67, 667-676.	1.1	11
47	The importance of gastric secretion in the feedback control of interdigestive and postprandial pancreatic secretion in rats. <i>Regulatory Peptides</i> , 1991, 36, 85-97.	1.9	10
48	Effect of Acute Sprint Exercise on Myokines and Food Intake Hormones in Young Healthy Men. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8848.	1.8	10
49	Role of Cholecystokinin, Gastrin and Gastrin-Releasing Peptide in the Regulation of Pancreatic Secretion in Cats. <i>Digestion</i> , 1991, 49, 97-105.	1.2	9
50	Effect of Solon on Gastric Mucus Viscosity, Permeability to Hydrogen Ion, and Susceptibility to Pepsin. <i>Digestion</i> , 1987, 37, 238-246.	1.2	8
51	Intestinal release of mucin in response to HCl and taurocholate: Effect of indomethacin. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1987, 87, 657-663.	0.7	8
52	Intestinal Alkaline Phosphatase Combined with Voluntary Physical Activity Alleviates Experimental Colitis in Obese Mice. Involvement of Oxidative Stress, Myokines, Adipokines and Proinflammatory Biomarkers. <i>Antioxidants</i> , 2021, 10, 240.	2.2	8
53	Effects of a Meal on the Hemorheologic Responses to Exercise in Young Males. <i>BioMed Research International</i> , 2014, 2014, 1-7.	0.9	7
54	Alternative Therapy in the Prevention of Experimental and Clinical Inflammatory Bowel Disease. Impact of Regular Physical Activity, Intestinal Alkaline Phosphatase and Herbal Products. <i>Current Pharmaceutical Design</i> , 2020, 26, 2936-2950.	0.9	7

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55	The Combination of Intestinal Alkaline Phosphatase Treatment with Moderate Physical Activity Alleviates the Severity of Experimental Colitis in Obese Mice via Modulation of Gut Microbiota, Attenuation of Proinflammatory Cytokines, Oxidative Stress Biomarkers and DNA Oxidative Damage in Colonic Mucosa. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2964.	1.8	7
56	The effects of exercise in water at 4°C and 25°C on the rheological properties of blood and the composition of fatty acids in the erythrocyte membranes of laboratory rats. <i>Clinical Hemorheology and Microcirculation</i> , 2012, 51, 139-148.	0.9	6
57	Role of leptin in the control of postprandial pancreatic enzyme secretion. <i>Journal of Physiology and Pharmacology</i> , 2003, 54, 591-602.	1.1	6
58	Cephalic phase of gastroduodenal alkaline secretion. <i>American Journal of Physiology - Renal Physiology</i> , 1987, 252, G742-G747.	1.6	5
59	Studies on the Localization of Secretin Release from Canine Intestine. <i>Digestion</i> , 1986, 34, 207-215.	1.2	4
60	Effects of Cold Water Swimming on Blood Rheological Properties and Composition of Fatty Acids in Erythrocyte Membranes of Untrained Older Rats. <i>Folia Biologica</i> , 2011, 59, 203-209.	0.1	4
61	Body Balance and Physiotherapy in the Aquatic Environment and at a Gym. <i>BioMed Research International</i> , 2021, 2021, 1-9.	0.9	4
62	Role of Obesity, Physical Exercise, Adipose Tissue-Skeletal Muscle Crosstalk and Molecular Advances in Barrett's Esophagus and Esophageal Adenocarcinoma. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3942.	1.8	4
63	Effects of human corticotropin releasing factor (CRF) on gastric and pancreatic secretion in vivo and in vitro. <i>Peptides</i> , 1987, 8, 575-577.	1.2	3
64	Cephalic Phase of Gastroduodenal Alkaline Secretion. <i>Scandinavian Journal of Gastroenterology</i> , 1986, 21, 100-105.	0.6	2
65	Effects of growth hormone releasing factor on pancreatic secretion in vivo and in vitro. <i>Regulatory Peptides</i> , 1989, 24, 301-311.	1.9	2
66	Role of Gut-Adipose-muscle Axis in Beneficial Effect of Voluntary Exercise on Experimental Colitis in Mice Fed a Diet-Induced Obesity. Involvement of Protective Irisin and Proinflammatory Biomarkers Released from Mesenteric Fat and Colonic Mucosa. <i>Gastroenterology</i> , 2017, 152, S828.	0.6	2
67	Correlation of Body Mass Index with Pelvis and Lumbar Spine Alignment in Sagittal Plane in Hemophilia Patients. <i>Medicina (Lithuania)</i> , 2019, 55, 627.	0.8	2
68	Mucin Secretion by Duodenal Mucosa in Response to Arachidonic Acid. <i>Annals of the New York Academy of Sciences</i> , 1988, 529, 250-253.	1.8	1
69	Epidermal growth factor (EGF) limits the pancreatic damage in ischemia/reperfusion-induced pancreatitis. <i>Gastroenterology</i> , 2000, 118, A649.	0.6	1
70	Inhibition of stimulated exocrine pancreatic secretion by leptin. <i>Gastroenterology</i> , 2000, 118, A299.	0.6	1
71	Effect of sensory nerves and CGRP on development of caerulein-induced pancreatitis and pancreatic regeneration. <i>Gastroenterology</i> , 2000, 118, A417.	0.6	1
72	Surface Shape of the Calcaneal Tuberosity and the Occurrence of Retrocalcaneal Bursitis among Runners. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2860.	1.2	1

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73	Role of prostaglandins in alkaline secretion from the gastroduodenal mucosa exposed to acid and taurocholate. Scandinavian Journal of Gastroenterology, Supplement, 1984, 92, 69-74.	0.0	1
74	Effect of Sofalcone on the Peptic Degradation of Gastric Mucus. Annals of the New York Academy of Sciences, 1987, 507, 355-357.	1.8	0
75	Cholecystokinin (CCK) in fat- and acid-induced inhibition of gastric secretion. Regulatory Peptides, 1992, 40, 186.	1.9	0
76	Enzyme secretion and generation of nitric oxide (NO) in the pancreas exposed to bacterial lipopolysaccharide (LPS). Gastroenterology, 1998, 114, A471.	0.6	0
77	Nitric oxide (NO) in pancreatic response to intestinal and sensory neural stimulation. Gastroenterology, 1998, 114, A74-A75.	0.6	0
78	Gastric acid secretion has protective influence on gastric mucosa against ammonia-induced damage in rats. Gastroenterology, 1998, 114, A101.	0.6	0
79	Calcitonin gene-related peptide (CGRP) can prevent or augment pancreatic damage in caerulein-induced pancreatitis. Gastroenterology, 1998, 114, A508.	0.6	0
80	The role of oxygen-derived free radicals in acute pancreatitis. Gastroenterology, 1998, 114, A442.	0.6	0
81	Leptin protects the pancreas against its damage by overstimulation with caerulein. Role of TNFA and IL-4. Gastroenterology, 2000, 118, A426.	0.6	0
82	85 Effect of Acute Exercise on Myokines and Hormones Regulating Food Intake in Moderate Active Human Volunteers. Involvement of Brain-Gut and Myokine-Brain Axes. Gastroenterology, 2015, 148, S-24.	0.6	0
83	199 Adiponectin, the Secretory Hormone of Adipocytes, Prevents the Formation of Ischemia-Reperfusion Gastric Lesions via Anti-Inflammatory and Antioxidative Activity Mediated by cNOS/NO System and Sensory Afferent Nerves. Gastroenterology, 2016, 150, S52.	0.6	0
84	THE CHARACTERISTIC BODY POSTURE OF PEOPLE PRACTICING ROCK CLIMBING. Medicina Sportiva, 2014, 18, 72-77.	0.3	0