Jan Bilski

List of Publications by Year
in descending order

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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	Multifactorial Mechanism of Sarcopenia and Sarcopenic Obesity. Role of Physical Exercise, Microbiota and Myokines. Cells, 2022, 11, 160.	1.8	52
2	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. International Journal of Molecular Sciences, 2022, 23, 2964.	1.8	7
3	Role of Obesity, Physical Exercise, Adipose Tissue-Skeletal Muscle Crosstalk and Molecular Advances in Barrettâ€™s Esophagus and Esophageal Adenocarcinoma. International Journal of Molecular Sciences, 2022, 23, 3942.	1.8	4
4	Intestinal Alkaline Phosphatase Combined with Voluntary Physical Activity Alleviates Experimental Colitis in Obese Mice. Involvement of Oxidative Stress, Myokines, Adipokines and Proinflammatory Biomarkers. Antioxidants, 2021, 10, 240.	2.2	8
5	Surface Shape of the Calcaneal Tuberosity and the Occurrence of Retrocalcaneal Bursitis among Runners. International Journal of Environmental Research and Public Health, 2021, 18, 2860.	1.2	1
6	Body Balance and Physiotherapy in the Aquatic Environment and at a Gym. BioMed Research International, 2021, 2021, 1-9.	0.9	4
7	Effect of Acute Sprint Exercise on Myokines and Food Intake Hormones in Young Healthy Men. International Journal of Molecular Sciences, 2020, 21, 8848.	1.8	10
8	Alternative Therapy in the Prevention of Experimental and Clinical Inflammatory Bowel Disease. Impact of Regular Physical Activity, Intestinal Alkaline Phosphatase and Herbal Products. Current Pharmaceutical Design, 2020, 26, 2936-2950.	0.9	7
9	Correlation of Body Mass Index with Pelvis and Lumbar Spine Alignment in Sagittal Plane in Hemophilia Patients. Medicina (Lithuania), 2019, 55, 627.	0.8	2
10	Effect of Forced Physical Activity on the Severity of Experimental Colitis in Normal Weight and Obese Mice. Involvement of Oxidative Stress and Proinflammatory Biomarkers. Nutrients, 2019, 11, 1127.	1.7	18
11	Role of Obesity, Mesenteric Adipose Tissue, and Adipokines in Inflammatory Bowel Diseases. Biomolecules, 2019, 9, 780.	1.8	70
12	PNF and manual therapy treatment results of patients with cervical spine osteoarthritis. Journal of Back and Musculoskeletal Rehabilitation, 2018, 30, 1095-1101.	0.4	15
13	Exploiting Significance of Physical Exercise in Prevention of Gastrointestinal Disorders. Current Pharmaceutical Design, 2018, 24, 1916-1925.	0.9	18
14	Myokine irisin-induced protection against oxidative stress in vitro. Involvement of heme oxygenase-1 and antioxidazing enzymes superoxide dismutase-2 and glutathione peroxidase. Journal of Physiology and Pharmacology, 2018, 69, 117-125.	1.1	33
15	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. Gastroenterology, 2017, 152, S828.	0.6	2
16	Beneficial Effect of Voluntary Exercise on Experimental Colitis in Mice Fed a High-Fat Diet: The Role of Irisin, Adiponectin and Proinflammatory Biomarkers. Nutrients, 2017, 9, 410.	1.7	38
17	The Role of Intestinal Alkaline Phosphatase in Inflammatory Disorders of Gastrointestinal Tract. Mediators of Inflammation, 2017, 2017, 1-9.	1.4	116
18	New insight into the direct anti-inflammatory activity of a myokine irisin against proinflammatory activation of adipocytes. Implication for exercise in obesity. Journal of Physiology and Pharmacology, 2017, 68, 243-251.	1.1	60

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19	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
20	Can exercise affect the course of inflammatory bowel disease? Experimental and clinical evidence. Pharmacological Reports, 2016, 68, 827-836.	1.5	70
21	Mechanisms by which Stress Affects the Experimental and Clinical Inflammatory Bowel Disease (IBD): Role of Brain-Gut Axis. Current Neuropharmacology, 2016, 14, 892-900.	1.4	132
22	Effects of time of day and the wingate test on appetite perceptions, food intake and plasma levels of adipokines. Journal of Physiology and Pharmacology, 2016, 67, 667-676.	1.1	11
23	Moderate Exercise Training Attenuates the Severity of Experimental Rodent Colitis: The Importance of Crosstalk between Adipose Tissue and Skeletal Muscles. Mediators of Inflammation, 2015, 2015, 1-12.	1.4	40
24	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
25	The influence of winter swimming on the rheological properties of blood. Clinical Hemorheology and Microcirculation, 2014, 57, 119-127.	0.9	12
26	The Role of Physical Exercise in Inflammatory Bowel Disease. BioMed Research International, 2014, 2014, 1-14.	0.9	65
27	Effects of a Meal on the Hemorheologic Responses to Exercise in Young Males. BioMed Research International, 2014, 2014, 1-7.	0.9	7
28	THE CHARACTERISTIC BODY POSTURE OF PEOPLE PRACTICING ROCK CLIMBING. Medicina Sportiva, 2014, 18, 72-77.	0.3	0
29	The impact of physical activity and nutrition on inflammatory bowel disease: the potential role of cross talk between adipose tissue and skeletal muscle. Journal of Physiology and Pharmacology, 2013, 64, 143-55.	1.1	36
30	Effects of exercise of different intensity on gut peptides, energy intake and appetite in young males. Annals of Agricultural and Environmental Medicine, 2013, 20, 787-93.	0.5	14
31	The effects of exercise in water at 4Â°C and 25Â°C on the rheological properties of blood and the composition of fatty acids in the erythrocyte membranes of laboratory rats. Clinical Hemorheology and Microcirculation, 2012, 51, 139-148.	0.9	6
32	Effects of Cold Water Swimming on Blood Rheological Properties and Composition of Fatty Acids in Erythrocyte Membranes of Untrained Older Rats. Folia Biologica, 2011, 59, 203-209.	0.1	4
33	Effects of exercise on gut peptides, energy intake and appetite. Journal of Endocrinology, 2007, 193, 251-258.	1.2	282
34	Role of leptin in the control of postprandial pancreatic enzyme secretion. Journal of Physiology and Pharmacology, 2003, 54, 591-602.	1.1	6
35	Leptin protects the pancreas against its damage by overstmulation with caerulein. Role of TNFA and IL-4. Gastroenterology, 2000, 118, A426.	0.6	0
36	Epidermal growth factor (EGF) limits the pancreatic damage in ischemia/ireperfusion-induced pancreatitis. Gastroenterology, 2000, 118, A649.	0.6	1

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37	Inhibition of stimulated exocrine pancreatic secretion by leptin. Gastroenterology, 2000, 118, A299.	0.6	1
38	Effect of sensory nerves and CGRP on development of caerulein-induced pancreatitis and pancreatic regeneration. Gastroenterology, 2000, 118, A417.	0.6	1
39	Enzyme secretion and generation of nitric oxide (NO) in the pancreas exposed to bacterial lipopolysaccharide (LPS). Gastroenterology, 1998, 114, A471.	0.6	0
40	Nitric oxide (NO) in pancreatic response to intestinal and sensory neural stimulation. Gastroenterology, 1998, 114, A74-A75.	0.6	0
41	Gastric acid secretion has protective influence on gastric mucosa against ammonia-induced damage in rats. Gastroenterology, 1998, 114, A101.	0.6	0
42	Calcitonin gene-related peptide (CGRP) can prevent or augment pancreatic damage in caerulein-induced pancreatitis. Gastroenterology, 1998, 114, A508.	0.6	0
43	The role of oxygen-derived free radicals in acute pancreatitis. Gastroenterology, 1998, 114, A442.	0.6	0
44	The involvement of endogenous nitric oxide in vagal-cholinergic stimulation of exocrine and endocrine pancreas in dogs. International Journal of Gastrointestinal Cancer, 1995, 18, 41-49.	0.4	12
45	Role of endogenous nitric oxide in the control of gastric acid secretion, blood flow and gastrin release in conscious dogs. Regulatory Peptides, 1994, 53, 175-184.	1.9	27
46	Role of nitric oxide in gastroduodenal alkaline secretion. Journal of Physiology and Pharmacology, 1994, 45, 541-53.	1.1	19
47	Role of endogenous nitric oxide in the control of canine pancreatic secretion and blood flow. Gastroenterology, 1993, 104, 896-902.	0.6	89
48	Role of cholecystokinin in the inhibition of gastric acid secretion in dogs.. Journal of Physiology, 1992, 451, 477-489.	1.3	20
49	Role of cholecystokinin in the intestinal fat- and acid-induced inhibition of gastric secretion. Regulatory Peptides, 1992, 42, 97-109.	1.9	16
50	Cholecystokinin (CCK) in fat- and acid-induced inhibiton of gastric secretion. Regulatory Peptides, 1992, 40, 186.	1.9	0
51	The importance of gastric secretion in the feedback control of interdigestive and postprandial pancreatic secretion in rats. Regulatory Peptides, 1991, 36, 85-97.	1.9	10
52	Role of Cholecystokinin, Gastrin and Gastrin-Releasing Peptide in the Regulation of Pancreatic Secretion in Cats. Digestion, 1991, 49, 97-105.	1.2	9
53	Enhancement in gastric mucus gel qualities with colloidal bismuth subcitrate administration. European Journal of Pharmacology, 1990, 184, 55-63.	1.7	11
54	Effects of growth hormone releasing factor on pancreatic secretion in vivo and in vitro. Regulatory Peptides, 1989, 24, 301-311.	1.9	2

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55	Colloidal bismuth subcitrate (De-Nol) inhibits degradation of gastric mucus by Campylobacter pylori protease. American Journal of Gastroenterology, 1989, 84, 506-10.	0.2	26
56	Effects of peptide YY on dog and rat pancreatic secretion in vivo and in vitro. International Journal of Gastrointestinal Cancer, 1988, 3, 309-321.	0.4	12
57	Mucin Secretion by Duodenal Mucosa in Response to Arachidonic Acid. Annals of the New York Academy of Sciences, 1988, 529, 250-253.	1.8	1
58	Role of salivary epidermal growth factor in the maintenance of physicochemical characteristics of oral and gastric mucosal mucus coat. Biochemical and Biophysical Research Communications, 1988, 152, 1421-1427.	1.0	84
59	Sulfation in vitro of mucus glycoprotein by submandibular salivary gland: effects of prostaglandin and acetylsalicylic acid. Biochimica Et Biophysica Acta - General Subjects, 1988, 966, 287-296.	1.1	11
60	Comparison of Somatostatin and Its Highly Potent Hexa- and Octapeptide Analogs on Exocrine and Endocrine Pancreatic Secretion. Experimental Biology and Medicine, 1988, 187, 241-249.	1.1	32
61	Adrenergic pathway in the inhibition of pancreatic secretion by peptide YY in dogs. Gastroenterology, 1988, 94, 266-273.	0.6	54
62	Protection against Alcohol-Induced Gastric Mucosal Injury by Geranylgeranylacetone: Effect of Indomethacin. Digestion, 1988, 41, 22-33.	1.2	40
63	De-Nol stimulates gastric and duodenal alkaline secretion through prostaglandin dependent mechanism.. Gut, 1987, 28, 1557-1563.	6.1	37
64	Effects of Leukotrienes on Gastric Acid and Alkaline Secretions. Gastroenterology, 1987, 92, 1209-1214.	0.6	15
65	Effect of Solon on Gastric Mucus Viscosity, Permeability to Hydrogen Ion, and Susceptibility to Pepsin. Digestion, 1987, 37, 238-246.	1.2	8
66	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
67	Effects of human corticotropin releasing factor (CRF) on gastric and pancreatic secretion in vivo and in vitro. Peptides, 1987, 8, 575-577.	1.2	3
68	Enhancement of the lipid content and physical properties of gastric mucus by geranylgeranylacetone. Biochemical Pharmacology, 1987, 36, 4059-4065.	2.0	61
69	Campylobacter pyloridis degrades mucin and undermines gastric mucosal integrity. Biochemical and Biophysical Research Communications, 1987, 144, 307-314.	1.0	182
70	Intestinal release of mucin in response to HCl and taurocholate: Effect of indomethacin. Comparative Biochemistry and Physiology A, Comparative Physiology, 1987, 87, 657-663.	0.7	8
71	Cephalic phase of gastroduodenal alkaline secretion. American Journal of Physiology - Renal Physiology, 1987, 252, G742-G747.	1.6	5
72	Role of secretin and CCK in the stimulation of pancreatic secretion in conscious dogs. Effects of atropine and somatostatin. International Journal of Gastrointestinal Cancer, 1987, 2, 223-235.	0.4	12

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73	Physiological role and localization of cholecystokinin release in dogs. American Journal of Physiology - Renal Physiology, 1986, 250, G391-G397.	1.6	20
74	Relationships between duodenal motility and pancreatic secretion in fasted and fed dogs. American Journal of Physiology - Renal Physiology, 1986, 250, G570-G574.	1.6	12
75	Role of Endogenous Prostaglandins in Duodenal Alkaline Response to Luminal Hydrochloric Acid or Arachidonic Acid in Conscious Dogs. Digestion, 1986, 34, 268-274.	1.2	24
76	Studies on the Localization of Secretin Release from Canine Intestine. Digestion, 1986, 34, 207-215.	1.2	4
77	Cephalic Phase of Gastroduodenal Alkaline Secretion. Scandinavian Journal of Gastroenterology, 1986, 21, 100-105.	0.6	2
78	Gut hormones in stimulation of gastroduodenal alkaline secretion in conscious dogs. American Journal of Physiology - Renal Physiology, 1985, 248, G687-G691.	1.6	26
79	Effects of Cyclic Hexapeptide Analog of Somatostatin on Pancreatic Secretion in Dogs. Experimental Biology and Medicine, 1985, 178, 68-72.	1.1	25
80	Gastrointestinal secretory, motor and circulatory effects of corticotropin releasing factor (CRF). Life Sciences, 1985, 37, 1231-1240.	2.0	26
81	Effects of omeprazole, a substituted benzimidazole, on gastrointestinal secretions, serum gastrin, and gastric mucosal blood flow in dogs. Gastroenterology, 1984, 86, 71-77.	0.6	78
82	Gastroduodenal alkaline response to acid and taurocholate in conscious dogs. American Journal of Physiology - Renal Physiology, 1984, 247, G149-G154.	1.6	16
83	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
84	Prostaglandins and alkaline secretion from oxyntic, antral, and duodenal mucosa of the dog. American Journal of Physiology - Renal Physiology, 1983, 245, G539-G546.	1.6	22