Agnieszka Irena Mazur-Bialy

List of Publications by Citations

37 papers	807 citations	16 h-index	28 g-index
44 ext. papers	1,095 ext. citations	5.3 avg, IF	4.95 L-index

#	Paper	IF	Citations
37	Anti-Inflammatory Properties of Irisin, Mediator of Physical Activity, Are Connected with TLR4/MyD88 Signaling Pathway Activation. *International Journal of Molecular Sciences*, **2017**, 18,	6.3	89
36	Mechanisms by which Stress Affects the Experimental and Clinical Inflammatory Bowel Disease (IBD): Role of Brain-Gut Axis. *Current Neuropharmacology*, **2016**, 14, 892-900	7.6	76
35	The Role of Intestinal Alkaline Phosphatase in Inflammatory Disorders of Gastrointestinal Tract. *Mediators of Inflammation*, **2017**, 2017, 9074601	4.3	74
34	Can exercise affect the course of inflammatory bowel disease? Experimental and clinical evidence. *Pharmacological Reports*, **2016**, 68, 827-36	3.9	52
33	Irisin as a Multifunctional Protein: Implications for Health and Certain Diseases. *Medicina (Lithuania)* , **2019**, 55,	3.1	51
32	The role of physical exercise in inflammatory bowel disease. *BioMed Research International*, **2014**, 2014, 429031	3	39
31	Riboflavin deprivation inhibits macrophage viability and activity - a study on the RAW 264.7 cell line. *British Journal of Nutrition*, **2013**, 110, 509-14	3.6	38
30	Irisin acts as a regulator of macrophages host defense. *Life Sciences*, **2017**, 176, 21-25	6.8	34
29	Role of Obesity, Mesenteric Adipose Tissue, and Adipokines in Inflammatory Bowel Diseases. *Biomolecules*, **2019**, 9,	5.9	34
28	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, 605071	4.3	31
27	The Protective Role of Carbon Monoxide (CO) Produced by Heme Oxygenases and Derived from the CO-Releasing Molecule CORM-2 in the Pathogenesis of Stress-Induced Gastric Lesions: Evidence for Non-Involvement of Nitric Oxide (NO). *International Journal of Molecular Sciences*, **2016**, 17, 442	6.3	27
26	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,	6.7	25
25	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	2.1	24
24	Riboflavin Reduces Pro-Inflammatory Activation of Adipocyte-Macrophage Co-culture. Potential Application of Vitamin B2 Enrichment for Attenuation of Insulin Resistance and Metabolic Syndrome Development. *Molecules*, **2016**, 21,	4.8	24
23	Vitamin B2 deficiency enhances the pro-inflammatory activity of adipocyte, consequences for insulin resistance and metabolic syndrome development. *Life Sciences*, **2017**, 178, 9-16	6.8	23
22	Strain-specific effects of riboflavin supplementation on zymosan-induced peritonitis in C57BL/6J, BALB/c and CBA mice. *Life Sciences*, **2011**, 88, 265-71	6.8	19
21	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,	6.7	15

20	HMGB1 Inhibition During Zymosan-Induced Inflammation: The Potential Therapeutic Action of Riboflavin. *Archivum Immunologiae Et Therapiae Experimentalis*, **2016**, 64, 171-6	4	15
19	Physical Activity and Depressive Disorders in Pregnant Women-A Systematic Review. *Medicina (Lithuania)*, **2019**, 55,	3.1	13
18	Physical Activity and the Occurrence of Postnatal Depression-A Systematic Review. *Medicina (Lithuania)*, **2019**, 55,	3.1	12
17	Modulation of zymosan-induced peritonitis by riboflavin co-injection, pre-injection or post-injection in male Swiss mice. *Life Sciences*, **2012**, 91, 1351-7	6.8	11
16	Exploiting Significance of Physical Exercise in Prevention of Gastrointestinal Disorders. *Current Pharmaceutical Design*, **2018**, 24, 1916-1925	3.3	11
15	Superiority of the Non-Glycosylated Form Over the Glycosylated Form of Irisin in the Attenuation of Adipocytic Meta-Inflammation: A Potential Factor in the Fight Against Insulin Resistance. *Biomolecules*, **2019**, 9,	5.9	10
14	Urinary Incontinence in Women: Modern Methods of Physiotherapy as a Support for Surgical Treatment or Independent Therapy. *Journal of Clinical Medicine*, **2020**, 9,	5.1	10
13	Pregnancy and Childbirth in the COVID-19 Era-The Course of Disease and Maternal-Fetal Transmission. *Journal of Clinical Medicine*, **2020**, 9,	5.1	10
12	Repeated bleeding complications during therapy with vitamin K antagonists in a patient with the VKORC1*2A and the CYP2C9*3/*3 alleles: genetic testing to support switching to new oral anticoagulants. *Thrombosis Research*, **2013**, 131, 279-80	8.2	8
11	The Time-Course of Antioxidant Irisin Activity: Role of the Nrf2/HO-1/HMGB1 Axis. *Antioxidants*, **2021**, 10,	7.1	8
10	Physiotherapy for Prevention and Treatment of Fecal Incontinence in Women-Systematic Review of Methods. *Journal of Clinical Medicine*, **2020**, 9,	5.1	5
9	Asprosin-A Fasting-Induced, Glucogenic, and Orexigenic Adipokine as a New Promising Player. Will It Be a New Factor in the Treatment of Obesity, Diabetes, or Infertility? A Review of the Literature. *Nutrients*, **2021**, 13,	6.7	5
8	ID: 228. *Cytokine*, **2015**, 76, 107	4	2
7	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	13.3	2
6	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	3.3	2
5	Effect of Acute Sprint Exercise on Myokines and Food Intake Hormones in Young Healthy Men. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	2
4	Effect of Heme Oxygenase-1 on Melanoma Development in Mice-Role of Tumor-Infiltrating Immune Cells. *Antioxidants*, **2020**, 9,	7.1	1
3	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,	7.1	1

2	Role of Obesity, Physical Exercise, Adipose Tissue-Skeletal Muscle Crosstalk and Molecular Advances in Barrett's Esophagus and Esophageal Adenocarcinoma.. *International Journal of Molecular Sciences*, **2022**, 23,	6.3	1
1	The Most Common Functional Disorders and Factors Affecting Female Pelvic Floor.. *Life*, **2021**, 11,	3	1