Agnieszka Irena Mazur-Bialy

List of Publications by Year
in descending order

43 papers	1,390 citations	361413 20 h-index	345221 36 g-index
44 all docs	44 docs citations	44 times ranked	1936 citing authors

#	Article	IF	Citations
1	Anti-Inflammatory Properties of Irisin, Mediator of Physical Activity, Are Connected with TLR4/MyD88 Signaling Pathway Activation. International Journal of Molecular Sciences, 2017, 18, 701.	4.1	145
2	Mechanisms by which Stress Affects the Experimental and Clinical Inflammatory Bowel Disease (IBD): Role of Brain-Gut Axis. Current Neuropharmacology, 2016, 14, 892-900.	2.9	132
3	The Role of Intestinal Alkaline Phosphatase in Inflammatory Disorders of Gastrointestinal Tract. Mediators of Inflammation, 2017, 2017, 1-9.	3.0	116
4	Irisin as a Multifunctional Protein: Implications for Health and Certain Diseases. Medicina (Lithuania), 2019, 55, 485.	2.0	90
5	Can exercise affect the course of inflammatory bowel disease? Experimental and clinical evidence. Pharmacological Reports, 2016, 68, 827-836.	3.3	70
6	Role of Obesity, Mesenteric Adipose Tissue, and Adipokines in Inflammatory Bowel Diseases. Biomolecules, 2019, 9, 780.	4.0	70
7	The Role of Physical Exercise in Inflammatory Bowel Disease. BioMed Research International, 2014, 2014, 1-14.	1.9	65
8	Physical Activity and the Occurrence of Postnatal Depressionâ€"A Systematic Review. Medicina (Lithuania), 2019, 55, 560.	2.0	58
9	Riboflavin deprivation inhibits macrophage viability and activity â€“ a study on the RAW 264.7 cell line. British Journal of Nutrition, 2013, 110, 509-514.	2.3	49
10	Irisin acts as a regulator of macrophages host defense. Life Sciences, 2017, 176, 21-25.	4.3	45
11	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.	3.0	40
12	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.	4.1	38
13	Physical Activity and Depressive Disorders in Pregnant Womenâ€"A Systematic Review. Medicina (Lithuania), 2019, 55, 212.	2.0	36
14	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, 1724.	3.8	35
15	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.	4.1	34
16	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
17	Vitamin B2 deficiency enhances the pro-inflammatory activity of adipocyte, consequences for insulin resistance and metabolic syndrome development. Life Sciences, 2017, 178, 9-16.	4.3	31
18	The Time-Course of Antioxidant Irisin Activity: Role of the Nrf2/HO-1/HMGB1 Axis. Antioxidants, 2021, 10, 88.	5.1	26

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19	Urinary Incontinence in Women: Modern Methods of Physiotherapy as a Support for Surgical Treatment or Independent Therapy. Journal of Clinical Medicine, 2020, 9, 1211.	2.4	24
20	Pregnancy and Childbirth in the COVID-19 Eraâ€"The Course of Disease and Maternalâ€"Fetal Transmission. Journal of Clinical Medicine, 2020, 9, 3749.	2.4	22
21	Strain-specific effects of riboflavin supplementation on zymosan-induced peritonitis in C57BL/6J, BALB/c and CBA mice. Life Sciences, 2011, 88, 265-271.	4.3	21
22	Asprosinâ€"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, 620.	4.1	21
23	HMGB1 Inhibition During Zymosan-Induced Inflammation: The Potential Therapeutic Action of Riboflavin. Archivum Immunologiae Et Therapiae Experimentalis, 2016, 64, 171-176.	2.3	20
24	Exploiting Significance of Physical Exercise in Prevention of Gastrointestinal Disorders. Current Pharmaceutical Design, 2018, 24, 1916-1925.	1.9	18
25	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.	4.1	18
26	Physiotherapy for Prevention and Treatment of Fecal Incontinence in Womenâ€"Systematic Review of Methods. Journal of Clinical Medicine, 2020, 9, 3255.	2.4	18
27	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, 394.	4.0	17
28	The Most Common Functional Disorders and Factors Affecting Female Pelvic Floor. Life, 2021, 11, 1397.	2.4	16
29	Modulation of zymosan-induced peritonitis by riboflavin co-injection, pre-injection or post-injection in male Swiss mice. Life Sciences, 2012, 91, 1351-1357.	4.3	13
30	Effect of Acute Sprint Exercise on Myokines and Food Intake Hormones in Young Healthy Men. International Journal of Molecular Sciences, 2020, 21, 8848.	4.1	10
31	Effect of Heme Oxygenase-1 on Melanoma Development in Miceâ€"Role of Tumor-Infiltrating Immune Cells. Antioxidants, 2020, 9, 1223.	5.1	9
32	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, 279-280.	1.7	8
33	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.	5.1	8
34	The COVID-19 Pandemic and Levels of Physical Activity in the Last Trimester, Life Satisfaction and Perceived Stress in Late Pregnancy and in the Early Puerperium. International Journal of Environmental Research and Public Health, 2022, 19, 3066.	2.6	8
35	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.	1.9	7
36	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.	4.1	7

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37	Functional Changes of the Genitourinary and Gastrointestinal Systems before and after the Treatment of Endometrial Cancerâ€"A Systematic Review. Journal of Clinical Medicine, 2021, 10, 5579.	2.4	4
38	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.	4.1	4
39	ID: 228. Cytokine, 2015, 76, 107.	3.2	2
40	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.	1.3	2
41	590 Exercise Training Attenuates the Severity of Experimental Rodent Colitis. The Importance of Crosstalk Between Adipose Tissue and Skeletal Muscles. Gastroenterology, 2014, 146, S-111.	1.3	0
42	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.	1.3	0
43	Mo1257 Crosstalk Between Carbon Monoxide (CO) Released From Tricarbonyldichlororuthenium (II) Dimer (Corm-2) and Endogenous Nitric Oxide (NO) in Gastroprotection Against Stress-Induced Gastric Lesions. Gastroenterology, 2016, 150, S680-S681.	1.3	0