

# Matus Sotak

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

712  
citations

687363

13  
h-index

713466

21  
g-index

25  
all docs

25  
docs citations

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times ranked

1189  
citing authors

#	ARTICLE	IF	CITATIONS
1	SGLT2 inhibition with empagliflozin improves coronary microvascular function and cardiac contractility in prediabetic ob/ob <sup>+/+</sup> mice. <i>Cardiovascular Diabetology</i> , 2019, 18, 16.	6.8	122
2	Cross-talk between the circadian clock and the cell cycle in cancer. <i>Annals of Medicine</i> , 2014, 46, 221-232.	3.8	114
3	Hepatic, Duodenal, and Colonic Circadian Clocks Differ in their Persistence under Conditions of Constant Light and in their Entrainment by Restricted Feeding. <i>Chronobiology International</i> , 2011, 28, 204-215.	2.0	75
4	An association between clock genes and clock-controlled cell cycle genes in murine colorectal tumors. <i>International Journal of Cancer</i> , 2013, 132, 1032-1041.	5.1	54
5	Temporal Gradient in the Clock Gene and Cell-Cycle Checkpoint Kinase <i>Wee1</i> Expression along the Gut. <i>Chronobiology International</i> , 2009, 26, 607-620.	2.0	51
6	Circadian regulation of electrolyte absorption in the rat colon. <i>American Journal of Physiology - Renal Physiology</i> , 2011, 301, G1066-G1074.	3.4	50
7	Heterogeneous expression of melatonin receptor MT1 mRNA in the rat intestine under control and fasting conditions. <i>Journal of Pineal Research</i> , 2006, 41, 183-188.	7.4	30
8	Development and entrainment of the colonic circadian clock during ontogenesis. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 306, G346-G356.	3.4	28
9	Peripheral circadian clocks are diversely affected by adrenalectomy. <i>Chronobiology International</i> , 2016, 33, 520-529.	2.0	28
10	Putative tissue location and function of the SLC5 family member SGLT3. <i>Experimental Physiology</i> , 2017, 102, 5-13.	2.0	28
11	Challenges in PhD education due to COVID-19 - disrupted supervision or business as usual: a cross-sectional survey of Swedish biomedical sciences graduate students. <i>BMC Medical Education</i> , 2021, 21, 294.	2.4	23
12	Differential impact of stress on hypothalamic-pituitary-adrenal axis: Gene expression changes in Lewis and Fisher rats. <i>Psychoneuroendocrinology</i> , 2015, 53, 49-59.	2.7	22
13	Comparative analysis of obesity-related cardiometabolic and renal biomarkers in human plasma and serum. <i>Scientific Reports</i> , 2019, 9, 15385.	3.3	19
14	Healthy Subcutaneous and Omental Adipose Tissue Is Associated with High Expression of Extracellular Matrix Components. <i>International Journal of Molecular Sciences</i> , 2022, 23, 520.	4.1	16
15	Diurnal expression of ABC and SLC transporters in jejunum is modulated by adrenalectomy. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2019, 226, 108607.	2.6	10
16	Circadian regulation of transporter expression and implications for drug disposition. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2021, 17, 425-439.	3.3	10
17	Intestinal sodium/glucose cotransporter 3 expression is epithelial and downregulated in obesity. <i>Life Sciences</i> , 2021, 267, 118974.	4.3	9
18	Regulation of 11 $\beta$ -Hydroxysteroid Dehydrogenase Type 1 and 7 $\alpha$ -Hydroxylase CYP7B1 during Social Stress. <i>PLoS ONE</i> , 2014, 9, e89421.	2.5	9

#	ARTICLE	IF	CITATIONS
19	Lipoxins modulate neutrophil oxidative burst, integrin expression and lymphatic transmigration differentially in human health and atherosclerosis. FASEB Journal, 2022, 36, e22173.	0.5	8
20	Lipoxins reduce obesity-induced adipose tissue inflammation in 3D-cultured human adipocytes and explant cultures. IScience, 2022, 25, 104602.	4.1	4
21	Effects of aging and tumorigenesis on coupling between the circadian clock and cell cycle in colonic mucosa. Mechanisms of Ageing and Development, 2020, 190, 111317.	4.6	2
22	Defining events: 2020 in hindsight. Science, 2021, 371, 22-24.	12.6	0
23	Comprehensive Lipidome and Proteome Analyses to Identify the Inflammatory and Cardiometabolic Fingerprints of Metabolically "Healthy" Versus "Unhealthy" Obese Subjects. FASEB Journal, 2018, 32, 603.11.	0.5	0
24	Intestinal Sodium Glucose Transporter 3 (SGLT3) is Downregulated in Experimental Models of Obesity and in Morbidly Obese Patients. FASEB Journal, 2018, 32, 670.46.	0.5	0
25	Impact of short- and long-term weight loss on the inflammatory profile of metabolically healthy and unhealthy obese patients. FASEB Journal, 2018, 32, 670.12.	0.5	0